



**CALIFORNIA 1.19 - Non-Prevailing Wage  
Effective 09/04/2026**

**Roofing & Envelope Services Bid Contract  
AEPA IFB 025-D**

| No. | Description                                                                                                                                                             | Unit of Measure | List Price |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|
| 1   | <b>Water-Resistant Roofing</b>                                                                                                                                          |                 |            |
| 2   | Pressure cleaning, vertical walls                                                                                                                                       | SF              | \$ 0.17    |
| 3   | Pressure cleaning, horizontal surfaces                                                                                                                                  | SF              | \$ 0.36    |
| 4   | Roof scanning to identify wet or substandard roof components to be removed                                                                                              | SF              | \$ 0.01    |
| 5   | Asphalt emulsion coating, waterproofing, brush applied, per coat                                                                                                        | SF              | \$ 0.07    |
| 6   | Rubberized coating waterproofing, brush applied, per coat                                                                                                               | SF              | \$ 0.13    |
| 7   | Vinyl/acrylic resin, dampproofing, brush applied per coat                                                                                                               | SF              | \$ 0.12    |
| 8   | Non-pigmented synthetic resin, waterproofing, one coat sprayed on                                                                                                       | SF              | \$ 0.15    |
| 9   | Caulking: remove existing, clean and prime joint                                                                                                                        | LF              | \$ 1.02    |
| 10  | Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place                                                                                                 | LF              | \$ 0.93    |
| 11  | Caulking, polyurethane, 1 component, 1/4" x 1/4", in place                                                                                                              | LF              | \$ 1.20    |
| 12  | Caulking, polyurethane, 1 component, 1/2" x 1/2", in place                                                                                                              | LF              | \$ 1.17    |
| 13  | Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place                                                                                                           | LF              | \$ 0.99    |
| 14  | Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place                                                                                                 | LF              | \$ 1.64    |
| 15  | Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place                                                                                                           | LF              | \$ 1.17    |
| 16  | Backer rod, polyethylene, 3/8" diameter, installed in prepared opening                                                                                                  | LF              | \$ 0.23    |
| 17  | Backer rod, polyethylene, 1/2" diameter, installed in prepared opening                                                                                                  | LF              | \$ 0.37    |
| 18  | Backer rod, polyethylene, 3/4" diameter, installed in prepared opening                                                                                                  | LF              | \$ 0.39    |
| 19  | Backer rod, polyethylene, 1" diameter, installed in prepared opening                                                                                                    | LF              | \$ 0.46    |
| 20  | Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place                                                                                                      | SF              | \$ 0.21    |
| 21  | Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place                                                                                                      | SF              | \$ 0.11    |
| 22  | Building paper, red rosin paper, 5 square rolls, 4#, in place                                                                                                           | SF              | \$ 0.12    |
| 23  | Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place                                                      | SF              | \$ 0.18    |
| 24  | Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place                                                                | SF              | \$ 0.18    |
| 25  | Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4" glass-mat embedded, water resistant gypsum core panel mechanically fastened | SF              | \$ 0.44    |
| 26  | <b>Insulation</b>                                                                                                                                                       |                 |            |
| 27  | Demolition of roof insulation, per inch of depth                                                                                                                        | SF              | \$ 0.48    |
| 28  | Demolition of lightweight cementitious fills, per inch of depth                                                                                                         | SF              | \$ 0.32    |
| 29  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1" thick, R-6.6, applied Type IV (or appropriate) asphalt                       | SF              | \$ 0.43    |
| 30  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, applied Type IV (or appropriate) asphalt                  | SF              | \$ 0.64    |
| 31  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened                                                                 | SF              | \$ 0.33    |
| 32  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, mechanically fastened                                     | SF              | \$ 0.73    |
| 33  | Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt                                                        | SF              | \$ 0.92    |
| 34  | Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides                                   | SF              | \$ 0.31    |
| 35  | Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides                                       | SF              | \$ 0.48    |
| 36  | Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides                                                         | SF              | \$ 0.52    |
| 37  | Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides                                                                  | SF              | \$ 0.31    |
| 38  | Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending on thickness, per inch of depth                                             | SF              | \$ 0.50    |
| 39  | Roof deck insulation, vermiculite at 1/8:12, R-value depending on thickness, per inch of depth                                                                          | SF              | \$ 0.99    |
| 40  | Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth                                                                          | SF              | \$ 1.12    |
| 41  | Roof deck insulation, gypsum panels, 3" thick                                                                                                                           | SF              | \$ 2.36    |
| 42  | Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth                                                 | SF              | \$ 0.60    |
| 43  | Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth                                                 | SF              | \$ 0.94    |
| 44  | Cold insulation adhesive                                                                                                                                                | SF              | \$ 1.23    |
| 45  | CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached                                                                                                                      | SF              | \$ 0.44    |
| 46  | CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive                                                                                                                          | SF              | \$ 0.69    |

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| 47  | CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached                                                                                                       | SF   | \$ | 1.25 |
| 48  | CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive                                                                                                           | SF   | \$ | 1.87 |
| 49  | CDX Gypsum with fiberglass facer: 1/4" x 4' x 8' - Mechanically attached                                                                                 | SF   | \$ | 1.02 |
| 50  | CDX Gypsum with fiberglass facer: 1/4" x 4' x 8' - Set into adhesive                                                                                     | SF   | \$ | 1.65 |
| 51  | CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Mechanically attached                                                                                 | SF   | \$ | 1.63 |
| 52  | CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Set into adhesive                                                                                     | SF   | \$ | 2.33 |
| 53  | <b>Roof Tiles and Shingles</b>                                                                                                                           |      |    |      |
| 54  | Remove composition shingles and felts to decking (test for removal of asbestos prior to removal)                                                         | SF   | \$ | 0.75 |
| 55  | Remove clay, concrete, or slate roof tiles to decking                                                                                                    | SF   | \$ | 0.81 |
| 56  | Remove wood shingles and felts to decking                                                                                                                | SF   | \$ | 0.29 |
| 57  | Shingles, fiberglass, Class A, 25-year strip shingles, slopes 3:12 or greater                                                                            | SF   | \$ | 1.45 |
| 58  | Shingles, fiberglass, Class A, 30-year, premium laminated multilayered shingles, slopes 3:12 or greater                                                  | SF   | \$ | 2.30 |
| 59  | Replace clay or concrete roof tiles                                                                                                                      | Each | \$ | 3.09 |
| 60  | Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.                             | SF   | \$ | 2.15 |
| 61  | <b>Roofing and Roof Restoration</b>                                                                                                                      |      |    |      |
| 62  | Remove built-up roof, multi-ply aggregate, non-asbestos, 1 " thick or less                                                                               | SF   | \$ | 0.88 |
| 63  | Remove single-ply roof: ballast, and membrane only                                                                                                       | SF   | \$ | 1.14 |
| 64  | Remove single-ply roof, membrane partially or fully adhered                                                                                              | SF   | \$ | 1.26 |
| 65  | Remove single-ply roof, membrane mechanically attached                                                                                                   | SF   | \$ | 1.24 |
| 66  | Remove copper sheet roofing                                                                                                                              | SF   | \$ | 0.30 |
| 67  | Base sheet, 3-ply fiberglass, Type IV (or appropriate type) asphalt (17 year roof)                                                                       | SF   | \$ | 1.70 |
| 68  | Base sheet, 4-ply fiberglass, mechanically attached (17-year roof)                                                                                       | SF   | \$ | 1.07 |
| 69  | Fiberglass cap finishing membrane                                                                                                                        | SF   | \$ | 0.40 |
| 70  | Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)                                                                           | SF   | \$ | 1.58 |
| 71  | Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)                                                                           | SF   | \$ | 2.02 |
| 72  | Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt                                             | SF   | \$ | 1.20 |
| 73  | Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt                                                   | SF   | \$ | 1.25 |
| 74  | Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)                                          | SF   | \$ | 1.43 |
| 75  | Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)                                       | SF   | \$ | 1.07 |
| 76  | Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)                                                            | SF   | \$ | 3.13 |
| 77  | Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)                                                             | SF   | \$ | 1.87 |
| 78  | Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)                            | SF   | \$ | 3.08 |
| 79  | Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof) | SF   | \$ | 1.55 |
| 80  | Built-up roof, base sheet, G-2, 33 lb., mechanically attached                                                                                            | SF   | \$ | 0.71 |
| 81  | Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt                                                                                                  | SF   | \$ | 0.81 |
| 82  | Built-up roof, premium asphalt, added cost per ply per square foot                                                                                       | SF   | \$ | 0.10 |
| 83  | Built-up roof, modified bitumen adhesive, added cost per ply per square foot                                                                             | SF   | \$ | 0.24 |
| 84  | Built-up roof, surface with cold asphaltic surfacing adhesive and gravel                                                                                 | SF   | \$ | 2.63 |
| 85  | Built-up roof, surface with emulsion and granules                                                                                                        | SF   | \$ | 0.71 |
| 86  | Built-up roof, surface with emulsion and aluminum coating                                                                                                | SF   | \$ | 0.96 |
| 87  | Built-up roof, surface with emulsion and white elastomeric coating                                                                                       | SF   | \$ | 1.01 |
| 88  | Built-up roof, surface with aluminum coating or paint                                                                                                    | SF   | \$ | 1.70 |
| 89  | Built-up roofing, surface with high solids white elastomeric coating                                                                                     | SF   | \$ | 2.36 |
| 90  | Built-up roofing repairs; fibered asphalt mastic, brush grade, with fiberglass mesh                                                                      | SF   | \$ | 2.13 |
| 91  | Built-up roofing repairs; pitch-based mastic, with fiberglass mesh                                                                                       | SF   | \$ | 1.62 |
| 92  | Built-up roofing repairs; elastomeric mastic, with fiberglass mesh                                                                                       | SF   | \$ | 2.92 |
| 93  | Built-up roofing restoration, coal tar pitch roofs                                                                                                       | SF   | \$ | 1.62 |
| 94  | Built-up roofing restoration, odorless, coal tar pitch or asphalt roofs                                                                                  | SF   | \$ | 1.84 |
| 95  | Single-ply roof, CSPE, 45 mils reinforced, asbestos free, mechanically fastened                                                                          | SF   | \$ | 1.55 |
| 96  | Single-ply roof, CSPE, 60 mils reinforced, asbestos free, mechanically fastened                                                                          | SF   | \$ | 1.65 |
| 97  | <b>Single-ply roofing repairs (CSPE, PVC, and EPDM)</b>                                                                                                  |      |    |      |
| 98  | CSPE                                                                                                                                                     | SF   | \$ | 1.44 |
| 99  | PVC                                                                                                                                                      | SF   | \$ | 2.06 |
| 100 | EPDM                                                                                                                                                     | SF   | \$ | 1.81 |
| 101 | Flashing membrane, 2 ply, Type IV or Type VI fiberglass                                                                                                  | SF   | \$ | 1.75 |
| 102 | Flashing membrane, 1 ply polyester and 1 ply modified bitumen                                                                                            | SF   | \$ | 2.81 |
| 103 | Flashing membrane, 2 ply, polyester                                                                                                                      | SF   | \$ | 1.95 |
| 104 | Flashing membrane, CSPE                                                                                                                                  | SF   | \$ | 5.20 |
| 105 | Flashing membrane, CSPE with aluminum coating                                                                                                            | SF   | \$ | 8.21 |
| 106 | Polyurethane foam roofing                                                                                                                                | SF   | \$ | 1.31 |
| 107 | Additional Polyurethane foam coating                                                                                                                     | SF   | \$ | 2.13 |
| 108 | Single-ply roof, EDPM, 45 mils reinforced, mechanically fastened                                                                                         | SF   | \$ | 1.15 |
| 109 | Single-ply roof, EDPM, 60 mils fully adhered                                                                                                             | SF   | \$ | 2.87 |
| 110 | Built-up roof, base sheet with 3 ply trilaminate ply, cold process adhesive (25 year roof)                                                               | SF   | \$ | 3.13 |

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| 111 | Built-up roof, surface with premium asphalt, and gravel                                                                          | SF   | \$ | 0.54   |
| 112 | Built-up roof, surface with Fire Retardant Aluminum coating or paint, single coat                                                | SF   | \$ | 0.76   |
| 113 | Modified Bitumen roof, base sheet, cap sheet, cold Modified Bitumen Adhesive                                                     | SF   | \$ | 5.85   |
| 114 | Built-up roof, 3 ply fiberglass felts, Type IV asphalt                                                                           | SF   | \$ | 2.88   |
| 115 | Single ply Roof, 45 mils fully adhered with bonding adhesive                                                                     | SF   | \$ | 3.83   |
| 116 | Single ply roof, TPA Fleece Back, 45 mils fully adhered with hot asphalt                                                         | SF   | \$ | 3.83   |
| 117 | Single ply roof, 45 mils mechanically attached                                                                                   | SF   | \$ | 1.56   |
| 118 | Base sheet mechanically attached with 3 ply fiberglass felts, Type 1 -Coal Tar Pitch                                             | SF   | \$ | 1.20   |
| 119 | Base sheet mechanically attached with 3 ply Organic felts, Type 1 -Coal Tar Pitch                                                | SF   | \$ | 1.24   |
| 120 | Built-up roof, 4 ply Fiberglass felts, Type 1 Coal Tar Pitch                                                                     | SF   | \$ | 1.27   |
| 121 | Build-up roof, 4 ply Organic felts, Type 1 Coal Tar Pitch                                                                        | SF   | \$ | 1.27   |
| 122 | Built-up roof, surface with hot Coal Tar Pitch and gravel                                                                        | SF   | \$ | 0.89   |
| 123 | Single ply repairs using 2 coat polyurethane, elastomeric coating system                                                         | SF   | \$ | 4.45   |
| 124 | Single ply repairs at laps or defects using 2 coats elastomeric coating system with reinforcement                                | SF   | \$ | 4.77   |
| 125 | Single ply roof, TPA fleece back, 60 mils fully adhered with hot asphalt                                                         | SF   | \$ | 7.02   |
| 126 | Single ply roof 60 mils fully adhered with bonding adhesive                                                                      | SF   | \$ | 7.02   |
| 127 | Built-up roof, 1 ply Trilaminate, 1 ply Modified Bitumen Sheet, fire rated                                                       | SF   | \$ | 3.17   |
| 128 | <b>Masonry</b>                                                                                                                   |      |    |        |
| 129 | Brick, remove and reset, 1 to 50 sq ft                                                                                           | SF   | \$ | 15.29  |
| 130 | Brick, remove and reset, over 50 sq ft                                                                                           | SF   | \$ | 12.36  |
| 131 | Block, remove and reset                                                                                                          | SF   | \$ | 12.89  |
| 132 | Coping stones, remove and reset                                                                                                  | Each | \$ | 30.68  |
| 133 | Brick, block or coping removal                                                                                                   | Each | \$ | 9.96   |
| 134 | <b>Brick, block and brick exterior wall maintenance, repair and application of protective coatings</b>                           |      |    |        |
| 135 | Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swingstage 4", 6" and 8" block (high-rise) | Each | \$ | 6.10   |
| 136 | Selective Demolition of Brick Masonry Units with perimeter saw cutting - swingstage one, two, and three wythe (high-rise)        | SF   | \$ | 21.87  |
| 137 | Selective Demolition of Brick Masonry Units with perimeter saw cutting - scaffolding one, two and three wythe (low-rise)         | SF   | \$ | 15.52  |
| 138 | <b>Selective Demolition of Mortar Joint with Perimeter Saw cutting - Swingstage (high-rise)</b>                                  |      |    |        |
| 139 | Removal of existing mortar ( ½" wide by ¾" depth)                                                                                | SF   | \$ | 1.63   |
| 140 | Removal of existing mortar (¾" wide by ¾" depth)                                                                                 | SF   | \$ | 1.77   |
| 141 | Removal of existing mortar (½" wide by 1½" depth)                                                                                | SF   | \$ | 1.94   |
| 142 | Removal of existing mortar (¾" wide by 1½" depth)                                                                                | SF   | \$ | 2.48   |
| 143 | <b>Selective Demolition of Mortar Joint with Perimeter Saw cutting - Scaffolding (low-rise)</b>                                  |      |    |        |
| 144 | Removal of existing mortar ( ½" wide by ¾" depth)                                                                                | SF   | \$ | 3.24   |
| 145 | Removal of existing mortar (¾" wide by ¾" depth)                                                                                 | SF   | \$ | 3.56   |
| 146 | Removal of existing mortar (½" wide by 1½" depth)                                                                                | SF   | \$ | 5.12   |
| 147 | Removal of existing mortar (¾" wide by 1½" depth)                                                                                | SF   | \$ | 5.95   |
| 148 | <b>New Pointing Work - Swingstage (high-rise)</b>                                                                                |      |    |        |
| 149 | Furnish and install new mortar (½" wide by ¾" depth)                                                                             | SF   | \$ | 2.14   |
| 150 | Furnish and install new mortar (¾" wide by ¾" depth)                                                                             | SF   | \$ | 2.23   |
| 151 | Furnish and install new mortar (½" wide by 1 ½" depth)                                                                           | SF   | \$ | 1.89   |
| 152 | Furnish and install new mortar (¾" wide by 1 ½" depth)                                                                           | SF   | \$ | 2.75   |
| 153 | <b>New Pointing Work - Scaffolding (low-rise)</b>                                                                                |      |    |        |
| 154 | Furnish and install new mortar (½" wide by ¾" depth)                                                                             | SF   | \$ | 5.18   |
| 155 | Furnish and install new mortar (¾" wide by ¾" depth)                                                                             | SF   | \$ | 5.83   |
| 156 | Furnish and install new mortar (½" wide by 1 ½" depth)                                                                           | SF   | \$ | 6.03   |
| 157 | Furnish and install new mortar (¾" wide by 1 ½" depth)                                                                           | SF   | \$ | 6.91   |
| 158 | <b>Removal of Roof Parapets - Swingstage (high-rise)</b>                                                                         |      |    |        |
| 159 | Removal of 3 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 32.63  |
| 160 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 57.42  |
| 161 | Removal of 2 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 27.33  |
| 162 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 50.25  |
| 163 | <b>Removal of Roof Parapets - Scaffolding (low-rise)</b>                                                                         |      |    |        |
| 164 | Removal of 3 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 63.00  |
| 165 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 113.37 |
| 166 | Removal of 2 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 52.91  |
| 167 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 105.81 |
| 168 | <b>Reconstruction of Brick Masonry Roof Parapets - Swingstage (high-rise)</b>                                                    |      |    |        |
| 169 | New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)                                                       | SF   | \$ | 96.49  |
| 170 | New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)                                                       | SF   | \$ | 121.87 |
| 171 | New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)                                                       | SF   | \$ | 71.63  |
| 172 | New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)                                                       | SF   | \$ | 89.17  |
| 173 | <b>Reconstruction of Brick Masonry Roof Parapets - Scaffolding (low-rise)</b>                                                    |      |    |        |
| 174 | New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)                                                       | SF   | \$ | 176.36 |
| 175 | b) New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)                                                    | SF   | \$ | 239.36 |
| 176 | c) New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)                                                    | SF   | \$ | 125.97 |
| 177 | d) New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)                                                    | SF   | \$ | 184.37 |
| 178 | <b>New Throughwall Flashings - Swingstage (high-rise)</b>                                                                        |      |    |        |
| 179 | Removal of 4 courses 1 wythe brick wall w/Temporary Shoring                                                                      | SF   | \$ | 33.96  |

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| 180 | Removal and replacement of steel lintel                                                                                                                | SF   | \$ | 17.14  |
| 181 | Furnish and install new flashings (Bituthane)                                                                                                          | SF   | \$ | 5.36   |
| 182 | Furnish and install new flashings (Lead coated copper)                                                                                                 | SF   | \$ | 9.64   |
| 183 | Parging and waterproofing of back-up wall                                                                                                              | SF   | \$ | 7.50   |
| 184 | <b>New Throughwall Flashings - Scaffolding (low-rise)</b>                                                                                              |      |    |        |
| 185 | Removal of 4 courses 1 wythe brick wall w/Temporary Shoring                                                                                            | SF   | \$ | 27.35  |
| 186 | Removal and replacement of steel lintel                                                                                                                | SF   | \$ | 32.12  |
| 187 | Furnish and install new flashings (Bituthane)                                                                                                          | SF   | \$ | 8.58   |
| 188 | Furnish and install new flashings (Lead coated copper)                                                                                                 | SF   | \$ | 17.12  |
| 189 | Parging and waterproofing of back-up wall                                                                                                              | SF   | \$ | 12.00  |
| 190 | <b>Brick Masonry/Stone Stabilization</b>                                                                                                               |      |    |        |
| 191 | Drilling and installation of new friction pins with mortar cap                                                                                         | SF   | \$ | 8.82   |
| 192 | Drilling and installation of new friction pins for lime stone with mortar cap                                                                          | SF   | \$ | 8.82   |
| 193 | <b>Limestone Removal and Replacement</b>                                                                                                               |      |    |        |
| 194 | Removal of existing deteriorated architectural limestone                                                                                               | SF   | \$ | 22.05  |
| 195 | Furnish and install new limestone replacement                                                                                                          | SF   | \$ | 63.58  |
| 196 | Replacement of stone with lightweight polymer resin to match                                                                                           | SF   | \$ | 12.79  |
| 197 | Minor patching of existing stone to match                                                                                                              | SF   | \$ | 26.91  |
| 198 | <b>Terra Cotta Removal and Replacement</b>                                                                                                             |      |    |        |
| 199 | Removal of existing deteriorated architectural Terra Cotta                                                                                             | SF   | \$ | 44.10  |
| 200 | Furnish and install new Terra Cotta replacement                                                                                                        | SF   | \$ | 141.09 |
| 201 | Replacement of stone with lightweight polymer resin to match                                                                                           | SF   | \$ | 51.13  |
| 202 | Minor patching of existing stone to match                                                                                                              | SF   | \$ | 81.53  |
| 203 | <b>Roof Coping Stones</b>                                                                                                                              |      |    |        |
| 204 | Removal of existing roof coping stones (16 inches)                                                                                                     | SF   | \$ | 20.79  |
| 205 | Removal and parging of existing substrate                                                                                                              | SF   | \$ | 3.43   |
| 206 | Furnish and install new lead coated copper flashings                                                                                                   | SF   | \$ | 14.10  |
| 207 | Drilling and epoxy grouting stainless steel pins                                                                                                       | SF   | \$ | 4.25   |
| 208 | Reinstallation of existing stones with cleaning                                                                                                        | SF   | \$ | 12.76  |
| 209 | Furnish and install new coping stones                                                                                                                  | SF   | \$ | 29.01  |
| 210 | Furnish and install new sealants between coping stones                                                                                                 | SF   | \$ | 4.46   |
| 211 | Cleaning and coating of existing stones                                                                                                                | SF   | \$ | 3.31   |
| 212 | <b>CMU Backup Wall Repair and Waterproofing</b>                                                                                                        |      |    |        |
| 213 | Replacement of Deteriorated CMU Back-up                                                                                                                | SF   | \$ | 10.00  |
| 214 | Parging of CMU back-up wall                                                                                                                            | SF   | \$ | 2.51   |
| 215 | Waterproofing of back-up wall                                                                                                                          | SF   | \$ | 1.43   |
| 216 | <b>Brick Masonry Piers</b>                                                                                                                             |      |    |        |
| 217 | Isolated repair of existing masonry piers (removal and replacement)                                                                                    | SF   | \$ | 19.84  |
| 218 | Reconstruction of isolated areas of pier                                                                                                               | SF   | \$ | 17.89  |
| 219 | Construction of new masonry piers                                                                                                                      | SF   | \$ | 14.33  |
| 220 | <b>Crack Repair</b>                                                                                                                                    |      |    |        |
| 221 | Drill and install new stainless steel pins                                                                                                             | Each | \$ | 5.50   |
| 222 | Grouting of open cracks                                                                                                                                | SF   | \$ | 3.78   |
| 223 | Replacement of cracked bricks                                                                                                                          | SF   | \$ | 7.56   |
| 224 | <b>Concrete Removal</b>                                                                                                                                |      |    |        |
| 225 | Perimeter sawcutting                                                                                                                                   | SF   | \$ | 1.02   |
| 226 | Removal of existing concrete (2" depth)                                                                                                                | SF   | \$ | 4.81   |
| 227 | Removal of existing concrete (3.5" depth)                                                                                                              | SF   | \$ | 6.19   |
| 228 | <b>New Concrete and Coating</b>                                                                                                                        |      |    |        |
| 229 | Placement of new high strength patching mortar (2" depth)                                                                                              | SF   | \$ | 17.17  |
| 230 | Placement of new high strength patching mortar (3.5" depth)                                                                                            | SF   | \$ | 19.24  |
| 231 | Cleaning and coating of concrete surface                                                                                                               | SF   | \$ | 5.50   |
| 232 | Sidewalk Bridging                                                                                                                                      | SF   | \$ | 21.46  |
| 233 | Temporary Roof Protection                                                                                                                              | SF   | \$ | 1.75   |
| 234 | <b>Metal Work</b>                                                                                                                                      |      |    |        |
| 235 | Remove standard metal decking                                                                                                                          | SF   | \$ | 2.03   |
| 236 | Install metal decking; 1-1/2" deep, 20 gauge, standard profile                                                                                         | SF   | \$ | 4.20   |
| 237 | Install steel plate, two sizes                                                                                                                         | SF   | \$ | 2.83   |
| 238 | 10 Gauge, standard application                                                                                                                         | SF   | \$ | 2.83   |
| 239 | Extra heavy-duty 1/4th inch                                                                                                                            | SF   | \$ | 1.52   |
| 240 | Remove metal counterflashing                                                                                                                           | LF   | \$ | 1.67   |
| 241 | Counterflashing, galvanized, 24 gauge, 6" width                                                                                                        | LF   | \$ | 3.69   |
| 242 | Counterflashing, copper, 16 oz., 6" width                                                                                                              | LF   | \$ | 2.49   |
| 243 | Remove metal edge, gravel stop, eave strip, or coping                                                                                                  | LF   | \$ | 1.57   |
| 244 | Metal edge raised, galvanized steel fascia/eave drip; 6 "face, hemmed, continuous cleat, 3" deck flange                                                | LF   | \$ | 5.26   |
| 245 | Gravel stop, galvanized steel, 24 gauge, 6" face                                                                                                       | LF   | \$ | 5.97   |
| 246 | Remove metal gutter                                                                                                                                    | LF   | \$ | 2.80   |
| 247 | Gutter, galvanized steel, ASTM 526, with 12.5oz./square foot galvanized coating, 24 gauge, 5" box or ogee style, joints and end caps shall be soldered | LF   | \$ | 16.12  |
| 248 | Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish                                                                                    | LF   | \$ | 21.31  |
| 249 | Gutter, copper, 16 oz, half round, 5" wide                                                                                                             | LF   | \$ | 7.69   |
| 250 | Gutter, copper, 16 oz, half round, 6" wide                                                                                                             | LF   | \$ | 9.03   |

|     |                                                                                                   |      |    |       |
|-----|---------------------------------------------------------------------------------------------------|------|----|-------|
| 251 | Remove metal downspouts                                                                           | LF   | \$ | 2.38  |
| 252 | Downspouts, aluminum, .024" thick, 3" x 4", painted, installed                                    | LF   | \$ | 15.77 |
| 253 | Downspouts, GI, 24 gauge 3" x 4" installed                                                        | LF   | \$ | 20.46 |
| 254 | Downspouts, GI, 24 gauge, 4" round                                                                | LF   | \$ | 13.23 |
| 255 | Downspouts, copper, 16 oz., 6" round                                                              | LF   | \$ | 11.91 |
| 256 | Downspouts, strainer                                                                              | Each | \$ | 3.53  |
| 257 | Metal flashing, apron flashing, 9" wide                                                           | LF   | \$ | 3.61  |
| 258 | Metal flashing, step flashing                                                                     | Each | \$ | 6.68  |
| 259 | Metal splash pan, 16 oz.                                                                          | Each | \$ | 11.84 |
| 260 | Metal trim, aluminum, .032" thick, painted                                                        | SF   | \$ | 2.49  |
| 261 | Metal storm collar                                                                                | Each | \$ | 21.24 |
| 262 | Metal coping, galvanized steel, 24 gauge, standing seam                                           | SF   | \$ | 12.73 |
| 263 | Metal coping, galvanized steel, 24 gauge, with butt plate                                         | SF   | \$ | 12.73 |
| 264 | Resolder joints in sheet metal                                                                    | LF   | \$ | 0.87  |
| 265 | Metal edge, aluminum, 0.50 thick 6" face painted                                                  | SF   | \$ | 13.38 |
| 266 | Metal edge, aluminum, free floating fascia system                                                 | SF   | \$ | 14.84 |
| 267 | Parapet wall metal                                                                                | SF   | \$ | 11.41 |
| 268 | Metal edge, anodized finished aluminum, free floating fascia system 8 inches                      | SF   | \$ | 25.60 |
| 269 | Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 8 inches | SF   | \$ | 11.59 |
| 270 | Metal edge, anodized finished aluminum, free floating fascia system 6 inches                      | SF   | \$ | 10.29 |
| 271 | Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 6 inches | SF   | \$ | 9.02  |
| 272 | <b>New Aluminum Metal Cladding</b>                                                                |      |    |       |
| 273 | Furnish and install new uninsulated aluminum wall cladding                                        | SF   | \$ | 6.96  |
| 274 | Furnish and install new insulated aluminum wall cladding                                          | SF   | \$ | 12.23 |
| 275 | Furnish and install new insulated aluminum wall cladding panels (Architecture)                    | SF   | \$ | 17.41 |
| 276 | Cladding of roof parapet walls with copings                                                       | SF   | \$ | 20.29 |
| 277 | <b>New Exterior Insulation and Finish System (EIFS)</b>                                           |      |    |       |
| 278 | New Exterior Insulation and Finish System (EIFS)                                                  | SF   | \$ | 24.20 |
| 279 | New Exterior Insulation Finish System (EIFS) w/o insulation                                       | SF   | \$ | 14.93 |
| 280 | New Metal Copings                                                                                 | SF   | \$ | 10.61 |
| 281 | <b>Surface Preparation</b>                                                                        |      |    |       |
| 282 | Cleaning of existing steel and surface                                                            | SF   | \$ | 8.06  |
| 283 | Coating of existing reinforcement                                                                 | SF   | \$ | 0.89  |
| 284 | Exterior rated gypsum board sheathing and substrate                                               | SF   | \$ | 2.49  |
| 285 | EIFS Repair                                                                                       | SF   | \$ | 23.06 |
| 286 | <b>Woodwork</b>                                                                                   |      |    |       |
| 287 | Demolition of plywood or standard 1" x 6" decking                                                 | SF   | \$ | 0.99  |
| 288 | Demolition of standard 2" x 6" tongue and groove decking                                          | SF   | \$ | 0.74  |
| 289 | Plywood decking, CDX, 1/2" thick (or 15/32" optional)                                             | SF   | \$ | 2.59  |
| 290 | Plywood decking, CDX, 5/8" thick                                                                  | SF   | \$ | 1.30  |
| 291 | Plywood decking, CDX, 3/4" thick                                                                  | SF   | \$ | 2.43  |
| 292 | Standard 1" x 6" decking, tongue and groove                                                       | SF   | \$ | 1.31  |
| 293 | Standard 2" x 6" tongue and groove decking                                                        | SF   | \$ | 1.93  |
| 294 | Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8"                                                   | LF   | \$ | 0.61  |
| 295 | Cants, SBX treated wood, 4" x 4" diagonal                                                         | LF   | \$ | 2.40  |
| 296 | Nailer, SBX treated wood, 1" x 4"                                                                 | LF   | \$ | 1.02  |
| 297 | Nailer, SBX treated wood, 2" x 4"                                                                 | LF   | \$ | 1.25  |
| 298 | <b>Nailer, SBX treated wood</b>                                                                   |      |    |       |
| 299 | 2" x 6"                                                                                           | LF   | \$ | 2.23  |
| 300 | 2" x 8" optional                                                                                  | LF   | \$ | 2.37  |
| 301 | Curbing, SBX treated wood, 2" x 12"                                                               | LF   | \$ | 2.75  |
| 302 | <b>Joist, fir</b>                                                                                 |      |    |       |
| 303 | 2" x 6"                                                                                           | LF   | \$ | 2.61  |
| 304 | 2" x 8" optional                                                                                  | LF   | \$ | 2.98  |
| 305 | <b>Joist, fir</b>                                                                                 |      |    |       |
| 306 | 2" x 10"                                                                                          | LF   | \$ | 3.00  |
| 307 | 2" x 12" optional                                                                                 | LF   | \$ | 3.27  |
| 308 | <b>Standing Seam Metal Roof System (SSMRS) Price Each</b>                                         |      |    |       |
| 309 | <b>Specification Using Line Items</b>                                                             |      |    |       |
| 310 | Pre-Engineered SSMRS, products (20-year roof)                                                     | SF   | \$ | 7.57  |
| 311 | Subpurlins                                                                                        | LF   | \$ | 5.71  |
| 312 | Roof panel installation                                                                           | SF   | \$ | 6.30  |
| 313 | Field forming of panels                                                                           | SF   | \$ | 2.57  |
| 314 | Concealed anchor clips                                                                            | Each | \$ | 1.69  |
| 315 | Vapor retarder installation                                                                       | SF   | \$ | 0.77  |
| 316 | Insulation installation                                                                           | SF   | \$ | 2.49  |
| 317 | Gutters (SSMRS only)                                                                              | LF   | \$ | 18.42 |
| 318 | Gutter liners                                                                                     | SF   | \$ | 4.28  |
| 319 | Flashing                                                                                          | LF   | \$ | 8.93  |
| 320 | Expansion joints                                                                                  | LF   | \$ | 21.63 |
| 321 | <b>Finishing touches (no additional cost in contract)</b>                                         |      |    |       |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|----------|
| 322 | Snow retention assemblies                                                                                                                       | LF      | \$ | 1.13     |
| 323 | Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.                    | LF      | \$ | 2.34     |
| 324 | <b>Roof Specialties and Accessories</b>                                                                                                         |         |    |          |
| 325 | Remove roof hatch                                                                                                                               | Each    | \$ | 88.36    |
| 326 | Roof hatch, aluminum, 2'6" x 3'0"                                                                                                               | Each    | \$ | 278.47   |
| 327 | Roof hatch, aluminum, larger sizes                                                                                                              | SF      | \$ | 24.00    |
| 328 | Remove existing roof drain, except plumbing                                                                                                     | Each    | \$ | 276.64   |
| 329 | Install new roof 4" drain, except plumbing                                                                                                      | Each    | \$ | 1,226.90 |
| 330 | Install new roof 6" drain, except plumbing                                                                                                      | Each    | \$ | 1,226.90 |
| 331 | Reflash existing roof drain                                                                                                                     | Each    | \$ | 170.15   |
| 332 | Plumbing stack, 4# lead flashing                                                                                                                | Each    | \$ | 74.80    |
| 333 | Scupper, sheet steel, 24 gauge ASTM A 526, match existing configuration                                                                         | Each    | \$ | 134.03   |
| 334 | Remove existing walkway, built-up roofs                                                                                                         | SF      | \$ | 0.27     |
| 335 | Walkway, built-up roofs, desert tan fiberglass                                                                                                  | LF      | \$ | 0.40     |
| 336 | Walkway, built up roofs, non skid                                                                                                               | LF      | \$ | 1.96     |
| 337 | <b>Walkway, single ply roof</b>                                                                                                                 |         |    |          |
| 338 | 30" wide roll goods, tape attached                                                                                                              | LF      | \$ | 1.63     |
| 339 | 30" wide roll, hot asphalt attached                                                                                                             | LF      | \$ | 1.89     |
| 340 | 30" wide roll, adhesive attached                                                                                                                | LF      | \$ | 1.92     |
| 341 | Roof ventilators                                                                                                                                | Each    | \$ | 87.30    |
| 342 | Roof ladder, steel, bolted to concrete, up to 20 feet, without cage                                                                             | LF      | \$ | 47.27    |
| 343 | Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code                               | LF      | \$ | 57.77    |
| 344 | Roof ladder, security ladder guard                                                                                                              | Each    | \$ | 61.69    |
| 345 | Termination bar, aluminum, 1/4" x 1"                                                                                                            | LF      | \$ | 2.77     |
| 346 | Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams                                            | Each    | \$ | 116.23   |
| 347 | Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams                                           | Each    | \$ | 127.14   |
| 348 | <b>Pitch pocket, resurface top only</b>                                                                                                         |         |    |          |
| 349 | 8" x 8"                                                                                                                                         | Each    | \$ | 4.24     |
| 350 | 12" x 12"                                                                                                                                       | Each    | \$ | 5.13     |
| 351 | Expansion joint, butyl or neoprene bellows, galvanized flange                                                                                   | LF      | \$ | 19.04    |
| 352 | Expansion joint, CSPE reinforced                                                                                                                | LF      | \$ | 14.70    |
| 353 | Repair kit for dry repairs                                                                                                                      | Each    | \$ | 19.64    |
| 354 | Repair kit for wet repairs                                                                                                                      | Each    | \$ | 19.64    |
| 355 | <b>Skylights (price each size and lens combination)</b>                                                                                         |         |    |          |
| 356 | Standard 3' x 5', 4' x 4', 4' x 8' with single clear lenses                                                                                     | SF      | \$ | 12.42    |
| 357 | Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses                                                                                     | SF      | \$ | 21.96    |
| 358 | Skylight lense replacement only, clear                                                                                                          | SF      | \$ | 2.94     |
| 359 | Skylight lense replacement only, double clear                                                                                                   | SF      | \$ | 2.94     |
| 360 | <b>Security/fall bars for skylights</b>                                                                                                         |         |    |          |
| 361 | 3' x 5'                                                                                                                                         | Each    | \$ | 66.76    |
| 362 | 4' x 4'                                                                                                                                         | Each    | \$ | 66.76    |
| 363 | 4' x 8'                                                                                                                                         | Each    | \$ | 149.23   |
| 364 | Special sizes                                                                                                                                   | SF      | \$ | 11.08    |
| 365 | <b>Roof Services</b>                                                                                                                            |         |    |          |
| 366 | Asbestos core testing and patch of existing roof surface                                                                                        | Each    | \$ | 55.01    |
| 367 | Core analysis, 14" x 14" and patch of existing roof surface                                                                                     | Each    | \$ | 239.87   |
| 368 | Non destructive roof scan, up to 50,000 sq ft, full service each                                                                                | Each    | \$ | 3,209.76 |
| 369 | Additional foot over 50,000 sq ft                                                                                                               | SF      | \$ | 0.04     |
| 370 | Non destructive roof scan, up to 50,000 sq ft, limited service                                                                                  | Each    | \$ | 1,765.97 |
| 371 | Additional foot over 50,000 sq ft                                                                                                               | Each    | \$ | 0.04     |
| 373 | Field/shop drawings, up to 10,000 sq ft                                                                                                         | SF      | \$ | 0.02     |
| 374 | Field/shop drawings, 10,000-50,000 sq ft                                                                                                        | SF      | \$ | 0.02     |
| 375 | Field/shop drawings, over 50,000 sq ft                                                                                                          | SF      | \$ | 0.02     |
| 376 | Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge                                                            | Project | \$ | 400.00   |
| 377 | Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge                                                                     | SF      | \$ | 0.04     |
| 378 | Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)                                  | Project | \$ | 800.00   |
| 379 | Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections) | Project | \$ | 1,800.00 |
| 380 | 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5                                                               | Each    | \$ | 2,000.00 |
| 381 | 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5                                                                | Each    | \$ | 0.20     |
| 382 | Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)                                  | SF      | \$ | 0.08     |
| 383 | Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (includes 2, 5, 7 & 10 year inspections)    | SF      | \$ | 0.20     |
| 384 | Per diem rate per worker per 24 hour period of time                                                                                             | Day     | \$ | 54.22    |
| 385 | Prime contractors per diem/costs for asbestos abatement planning                                                                                | Day     | \$ | 27.60    |
| 386 | Asbestos abatement activities, BUR removal and disposal of waste                                                                                | SF      | \$ | 1.56     |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|--------|
| 387 | Project site is located 65 or more miles from the contractor's/subcontractor's yard/home location                                                                      | SF              | \$ | 0.79   |
| 388 | Asbestos site monitoring                                                                                                                                               | Day             | \$ | 335.35 |
| 389 | <b>Annual or semi-annual roof housekeeping-per location</b>                                                                                                            |                 |    |        |
| 390 | Cost once a year per location if less than 20,000 sq. ft.                                                                                                              | SF              | \$ | 0.13   |
| 391 | Cost per Sq.ft. per year per location if greater than 20,000 sq.ft.                                                                                                    | SF              | \$ | 0.13   |
| 392 | Cost semi-annual per location if less than 20,000sq. ft.                                                                                                               | SF              | \$ | 0.23   |
| 393 | Cost per Sq.ft. semi annual per location if greater than 20,000 sq.ft.                                                                                                 | SF              | \$ | 0.23   |
| 396 | Difficult access or fall restriction; surcharge                                                                                                                        | %               |    | 15%    |
| 397 | Excessive hauling                                                                                                                                                      | Each            | \$ | 76.51  |
| 398 | Work in secured areas or compounds; surcharge                                                                                                                          | Each            | \$ | 0.15   |
| 399 | <b>Additional and occasional supplies, materials, equipment and services</b>                                                                                           |                 |    |        |
| 400 | Additional and occasional services Roofing supplies Discount off Retail Price List                                                                                     | % of Discount   |    | 13.70% |
| 401 | HVAC: Alternative Methods of Costing -percent of overhead/markup and profit added to cost                                                                              | % of O/P        |    | 20.00% |
| 402 | HVAC: Discounts Offered Off Alternative Costing Methods (cost plus profit and overhead) Less Rate of Discount                                                          | % of Discount   |    | 6.00%  |
| 403 | HVAC: Multiplier/factor to be applied to the R.S. Means costs                                                                                                          | % to be Applied |    | 93.00% |
| 404 | Cold and bad weather storage - identify extra cost, if any                                                                                                             | Day             | \$ | 0.01   |
| 405 | <b>Deducts and add-ons for in lieu products</b>                                                                                                                        |                 |    |        |
| 406 | Special rented equipment                                                                                                                                               | Day             | \$ | (0.14) |
| 407 | Cold and bad weather application standards                                                                                                                             | Day             | \$ | (0.35) |
| 408 | Cold and bad weather safety                                                                                                                                            | Day             | \$ | 2.25   |
| 409 | Professional Services                                                                                                                                                  | Hour            | \$ | 3.09   |
| 410 | Structural analysis and engineering services                                                                                                                           | Hour            | \$ | 2.94   |
| 411 | Weather day's per Diem                                                                                                                                                 | Day             | \$ | (0.08) |
| 412 | Architect/professional design services                                                                                                                                 | Hour            | \$ | 0.38   |
| 413 | Roofing Consultant                                                                                                                                                     | Hour            | \$ | (0.14) |
| 415 | <b>Value Add</b>                                                                                                                                                       |                 |    |        |
| 416 | Route existing cracks in concrete or masonry                                                                                                                           | LF              | \$ | 0.81   |
| 417 | Prepare concrete by Shot blasting                                                                                                                                      | SF              | \$ | 0.24   |
| 418 | Vertical application of water dispersed VOC compliant silane sealer                                                                                                    | SF              | \$ | 1.42   |
| 419 | Horizontal application of water dispersed VOC compliant silane sealer                                                                                                  | SF              | \$ | 0.57   |
| 420 | Brick, Remove and install new standard brick                                                                                                                           | Each            | \$ | 31.11  |
| 421 | EIFS Repair                                                                                                                                                            | SF              | \$ | 23.06  |
| 422 | Cleaning and Application of Elastomeric Waterproof Membrane to exposed Concrete / Masonry Surface                                                                      | SF              | \$ | 12.35  |
| 423 | <b>Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt</b>                                                |                 |    |        |
| 424 | Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 sq. ft.                                    | SF              | \$ | 1.23   |
| 425 | <b>Installation of new Polyisocyanurate insulation</b>                                                                                                                 |                 |    |        |
| 426 | Mechanically attached                                                                                                                                                  | BF              | \$ | 1.94   |
| 427 | Hot adhered                                                                                                                                                            | BF              | \$ | 1.69   |
| 428 | Cold adhered                                                                                                                                                           | BF              | \$ | 2.58   |
| 429 | <b>Installation of New Sloped Roofing Systems</b>                                                                                                                      |                 |    |        |
| 430 | Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater                                                                   | SF              | \$ | 2.43   |
| 431 | Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater                                                                   | SF              | \$ | 2.74   |
| 432 | Install layer of 30 lb. Felt                                                                                                                                           | SF              | \$ | 0.39   |
| 433 | Synthetic Underlayment                                                                                                                                                 | SF              | \$ | 0.50   |
| 434 | Ridge Vents                                                                                                                                                            | LF              | \$ | 6.78   |
| 435 | <b>TPO 60 mil system installation</b>                                                                                                                                  |                 |    |        |
| 436 | Bonding adhesive                                                                                                                                                       | SF              | \$ | 5.31   |
| 437 | Mechanically attached                                                                                                                                                  | SF              | \$ | 4.45   |
| 438 | <b>Liquid Applied Restoration Systems</b>                                                                                                                              |                 |    |        |
| 439 | Built Up Roof Surface w/ Cold Process White Highly Reflective Adhesive and White Marble Gravel                                                                         | SF              | \$ | 6.00   |
| 440 | High performance, one part moisture triggered, polyurethane coating system with reinforcement                                                                          | SF              | \$ | 15.29  |
| 441 | Two part, bio-based, polyurethane roof coating system                                                                                                                  | SF              | \$ | 13.46  |
| 442 | Two part, bio-based, polyurethane roof coating system, non-reinforced                                                                                                  | SF              | \$ | 11.79  |
| 443 | Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System                                                                                   | SF              | \$ | 13.98  |
| 444 | Two component, high performance, bio-based, polyurethane built-up roof coating system                                                                                  | SF              | \$ | 18.10  |
| 445 | Metal Restoration with Acrylic Coating                                                                                                                                 | SF              | \$ | 9.31   |
| 446 | Metal Restoration with Aluminum Coating                                                                                                                                | SF              | \$ | 4.87   |
| 447 | One Part, Silicone Roof Coating                                                                                                                                        | SF              | \$ | 9.72   |
| 448 | Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer and utilizes nano technology                         | SF              | \$ | 4.61   |
| 449 | Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer and utilizes nano technology w/polyester reinforcing | SF              | \$ | 5.13   |
| 450 | <b>Roof Replacement Systems</b>                                                                                                                                        |                 |    |        |
| 451 | Single ply roof, Ketone Ethylene Ester, 45 mils fully adhered with bonding adhesive                                                                                    | SF              | \$ | 9.70   |

|     |                                                                                                              |       |             |
|-----|--------------------------------------------------------------------------------------------------------------|-------|-------------|
| 452 | Single ply roof, Ketone Ethylene Ester, 60 mils fully adhered with bonding adhesive                          | SF    | \$ 11.97    |
| 453 | Flashing membrane, 1 ply fiberglass and 1 ply modified bitumen fire rated                                    | SF    | \$ 3.86     |
| 454 | Prime Substrate                                                                                              | SF    | \$ 0.37     |
| 455 | <b>Additional Roof Services</b>                                                                              |       |             |
| 456 | Nondestructive (5 x 5) nuclear diagnostics roof scan, up to 50,000 sq. ft.                                   | Each  | \$ 7,805.76 |
| 457 | Additional foot over 50,000 sq. ft.                                                                          | SF    | \$ 0.20     |
| 458 | Nondestructive (10 x 10) nuclear diagnostics roof scan, up to 50,000 sq. ft.                                 | Each  | \$ 4,377.13 |
| 459 | Additional foot over 50,000 sq. ft.                                                                          | SF    | \$ 0.11     |
| 460 | Disaster Response Repairs                                                                                    | %     | 20.00%      |
| 461 | Wet/Dry Vacuum loose aggregate from roof membrane                                                            | SF    | \$ 0.57     |
| 462 | Sweep loose aggregate, debris from Substrate                                                                 | SF    | \$ 0.44     |
| 463 | Roof Cleaning System                                                                                         | SF    | \$ 0.42     |
| 464 | One Tremco Warranty                                                                                          | Quote | Quote       |
| 465 | 2 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                               | Each  | \$ 250.00   |
| 466 | 2 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                                | SF    | \$ 0.03     |
| 467 | 10/12 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                           | Each  | \$ 500.00   |
| 468 | 10/12 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                            | SF    | \$ 0.05     |
| 469 | 15 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                              | Each  | \$ 800.00   |
| 470 | 15 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                               | SF    | \$ 0.08     |
| 471 | 20 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                              | Each  | \$ 1,200.00 |
| 472 | 20 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                               | SF    | \$ 0.12     |
| 473 | 5 year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2                                 | Each  | \$ 1,000.00 |
| 474 | 5 year Restoration Warranty Over 10,000 Square Feet, Inspections In Years 2                                  | SF    | \$ 0.10     |
| 475 | 10 year Restoration Warranty Under 10,000 Square Feet, Standard                                              | Each  | \$ 800.00   |
| 476 | 10 year Restoration Warranty Over 10,000 Square Feet, Standard                                               | SF    | \$ 0.08     |
| 477 | 12 Year Restoration Warranty Under 10,000 Square Feet, Standard                                              | Each  | \$ 1,000.00 |
| 478 | 12 Year Restoration Warranty Over 10,000 Square Feet, Standard                                               | SF    | \$ 0.10     |
| 479 | 12 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5 & 10                        | Each  | \$ 2,400.00 |
| 480 | 12 Year Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5 & 10                          | SF    | \$ 0.24     |
| 481 | 15 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15                    | Each  | \$ 3,000.00 |
| 482 | 15 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15                     | SF    | \$ 0.30     |
| 483 | Warranty 15 year option roofs under 10,000 sq ft minimum charge (Standard)                                   | Each  | \$ 1,200.00 |
| 484 | Warranty 15 year option roofs over 10,000 sq ft minimum charge (Standard)                                    | SF    | \$ 0.12     |
| 485 | Warranty 15 year option roofs under 10,000 Square Feet Inspections In Years 2, 5 & 10                        | Each  | \$ 3,000.00 |
| 486 | Warranty 15 year option roofs over 10,000 sq ft with inspections year 2, 5 & 10                              | SF    | \$ 0.30     |
| 487 | 20 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                          | Each  | \$ 4,000.00 |
| 488 | 20 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                           | SF    | \$ 0.40     |
| 489 | 20 Restoration Warranty Under 10,000 Square Feet (Standard)                                                  | Each  | \$ 1,600.00 |
| 490 | 20 Restoration Warranty Over 10,000 Square Feet (Standard)                                                   | SF    | \$ 0.16     |
| 491 | 20 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                     | Each  | \$ 4,000.00 |
| 492 | 20 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                      | SF    | \$ 0.40     |
| 493 | 20 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance | Each  | \$ 1,600.00 |
| 494 | 20 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance  | SF    | \$ 0.16     |
| 495 | 25 Restoration Warranty Under 10,000 Square Feet (Standard)                                                  | Each  | \$ 2,000.00 |
| 496 | 25 Restoration Warranty Over 10,000 Square Feet (Standard)                                                   | SF    | \$ 0.20     |
| 497 | 25 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                          | Each  | \$ 5,000.00 |
| 498 | 25 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                           | SF    | \$ 0.50     |
| 499 | 25 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                     | Each  | \$ 5,000.00 |
| 500 | 25 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                      | SF    | \$ 0.50     |
| 501 | 25 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)     | Each  | \$ 2,000.00 |
| 502 | 25 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)      | SF    | \$ 0.20     |
| 503 | 30 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)     | Each  | \$ 2,400.00 |
| 504 | 30 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)      | SF    | \$ 0.24     |
| 505 | 30 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30        | Each  | \$ 6,000.00 |
| 506 | 30 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)      | SF    | \$ 0.60     |
| 507 | 30 Restoration Warranty Under 10,000 Square Feet (Standard)                                                  | Each  | \$ 2,400.00 |
| 508 | 30 Restoration Warranty Over 10,000 Square Feet (Standard)                                                   | SF    | \$ 0.24     |
| 509 | 30 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 & 25                  | Each  | \$ 6,000.00 |
| 510 | 30 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 & 25                   | SF    | \$ 0.60     |
| 511 | Warranty Extension 5 yr 5,000 sf or less                                                                     | Each  | \$ 3,499.99 |
| 512 | Warranty Renewal 5 yr 5,000 sf or less                                                                       | Each  | \$ 3,949.99 |
| 513 | Warranty Extension 5 yr 5,001 sf -19,999 sf                                                                  | Each  | \$ 4,999.99 |
| 514 | Warranty Renewal 5 yr 5,001 sf-19,999 sf                                                                     | Each  | \$ 5,699.99 |
| 515 | Warranty Extension 5 yr 20,000 sf-49,999 sf                                                                  | SF    | \$ 0.24     |
| 516 | Warranty Renewal 5 yr 20,000 sf-49,999 sf                                                                    | SF    | \$ 0.29     |

|     |                                                                                                                                                                                           |                 |    |                |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|----------------|
| 517 | Warranty Extension 5 yr 50,000 sf - 99,999 sf                                                                                                                                             | SF              | \$ | 0.24           |
| 518 | Warranty Renewal 5 yr 50,000 sf - 99,999 sf                                                                                                                                               | SF              | \$ | 0.24           |
| 519 | Warranty Extension 5 yr 100,000 sf and greater                                                                                                                                            | SF              | \$ | 0.14           |
| 520 | Warranty Renewal 5 yr 100,000 sf and greater                                                                                                                                              | SF              | \$ | 0.19           |
| 521 | Mileage rate                                                                                                                                                                              | Mile            | \$ | 0.58           |
| 522 | Multiplier/factor to be applied to the R.S. Means costs for the National Cooperative Contractor Network                                                                                   | %               |    | 93.00%         |
| 523 | Multiplier - Building height is greater than 2 stories; equal to or less than 5 stories                                                                                                   | Multiplier      |    | 1.21           |
| 524 | Multiplier - Building height is greater than 5 stories; less equal to or less than 10 stories                                                                                             | Multiplier      |    | 1.52           |
| 525 | Multiplier - Building height is greater than 10 stories                                                                                                                                   | Multiplier      |    | 2.17           |
| 526 | Multiplier - Roof has a large amount of penetrations and roof top obstructions                                                                                                            | Multiplier      |    | 1.73           |
| 527 | Multiplier - Roof is considered non-standard architecture or has a slope of up to or greater than 3:12                                                                                    | Multiplier      |    | 2.17           |
| 528 | Multiplier - Area is greater than or equal to 10,000 and under 20,000 square feet                                                                                                         | %               |    | 15.00%         |
| 529 | Multiplier - Area is greater than or equal to 7,000 and under 10,000 square feet                                                                                                          | %               |    | 18.00%         |
| 530 | Multiplier - Area is greater than or equal to 5,000 and under 7,000 square feet                                                                                                           | %               |    | 20.00%         |
| 531 | Multiplier - Area greater than or equal to 3,000 and under 5,000 square feet                                                                                                              | %               |    | 25.00%         |
| 532 | Multiplier - Area is greater than 1,000 and under 3,000 Square feet                                                                                                                       | %               |    | 28.00%         |
| 533 | Multiplier - Area is less than or equal to 1,000 square feet                                                                                                                              | %               |    | 30.00%         |
| 534 | Multiplier- City, town or county permit fee for construction project local to members location                                                                                            | Multiplier      |    | 1.02           |
| 535 | Multiplier - Working in Metro or Urban areas                                                                                                                                              | Multiplier      |    | 1.2            |
| 536 | Multiplier - Limited/Obstructed/Difficult Roof/Building Access                                                                                                                            | Multiplier      |    | 1.5            |
| 537 | Construction Distributor Material For Repair Work                                                                                                                                         | Multiplier      |    | 1.15           |
| 538 | Emergency Leak Repair per 1/2 Man Day                                                                                                                                                     | Each            | \$ | 982.79         |
| 539 | Building/Construction Superintendent                                                                                                                                                      | Hour            | \$ | 196.03         |
| 540 | Building/Construction Manager                                                                                                                                                             | Hour            | \$ | 228.75         |
| 542 | Design & Investigation Services                                                                                                                                                           | Hour            | \$ | 197.92         |
| 545 | Design                                                                                                                                                                                    | Hour            | \$ | 111.21         |
| 551 | DESCRIPTION OF COST FACTORS FROM TABLE F-2                                                                                                                                                |                 |    |                |
| 552 | Per diem rate - meals and lodging per 24 hour period                                                                                                                                      | Day             | \$ | 154.70         |
| 553 | Performance and payment bond - bonding rate (percent of project)                                                                                                                          | %               |    | 0.50%          |
| 554 | Bonding capacity - total amount of capacity available                                                                                                                                     | \$              | \$ | 400,000,000.00 |
| 555 | Alternative methods of costing - percent of overhead/markup to cost                                                                                                                       | %               |    | 20.00%         |
| 556 | Discounts offered of alternative costing methods (cost + profit & overhead) Rate of discount                                                                                              | %               |    | 6.00%          |
| 557 | R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates                                                                                                                   | %               |    | 91.00%         |
| 558 | R.S. Means Multiplier/Factor - Out Side of Normal Hours - Non-Prevailing Wage Rates                                                                                                       | %               |    | 96.00%         |
| 559 | R.S. Means Multiplier/Factor - Normal Hours - Prevailing Wage Rates                                                                                                                       | %               |    | 93.00%         |
| 560 | R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates                                                                                                           | %               |    | 97.00%         |
| 561 | Building Envelope: Multiplier/factor to be applied to the R.S. Means costs                                                                                                                | % to be Applied |    | 93.00%         |
| 562 | Work outside of the continental United State; Coefficient add                                                                                                                             | %               |    | 25.00%         |
| 563 | AIR BARRIER LINE ITEMS                                                                                                                                                                    |                 |    |                |
| 564 | Foam Roof/Wall Intersection - Under 20'                                                                                                                                                   | LF              | \$ | 13.96          |
| 565 | Foam Roof/Wall Intersection - Over 20'                                                                                                                                                    | LF              | \$ | 16.49          |
| 566 | Seal roof top exhaust fan curb mountings                                                                                                                                                  | Each            | \$ | 93.06          |
| 567 | Adding foam board as a filler in large openings, ie: above soffits                                                                                                                        | LF              | \$ | 29.08          |
| 568 | Interior miscellaneous foam application - Under 20'                                                                                                                                       | LF              | \$ | 11.64          |
| 569 | Weatherstrip and install sweep - single commercial door                                                                                                                                   | Set             | \$ | 327.18         |
| 570 | Weatherstrip and install sweep - double commercial door                                                                                                                                   | Set             | \$ | 654.36         |
| 571 | Seal Mechanical Rooms (With wall / roof pipe projections)                                                                                                                                 | Each            | \$ | 605.88         |
| 572 | Seal individual plumbing, pipe or duct                                                                                                                                                    | Each            | \$ | 60.58          |
| 573 | Seal Windows (exterior only, sub-k must provide estimate)                                                                                                                                 | LF              | \$ | 14.54          |
| 574 | Weatherstrip operable wood or aluminum windows with replacement finseal pile or foam tape or vinyl "V" strips                                                                             | LF              | \$ | 5.15           |
| 575 | Weatherstrip steel frame and sash windows with in-situ silicone gasket. 2 trips required                                                                                                  | LF              | \$ | 11.75          |
| 576 | Interior caulking of window and door frames with clear paintable caulk                                                                                                                    | LF              | \$ | 2.67           |
| 577 | Miscellaneous Interior caulking with clear paintable caulk                                                                                                                                | LF              | \$ | 2.67           |
| 578 | Weatherstrip Overhead Garage Doors (12' x12') 48' LF w/rubber fins on bottom. Install face mounted leaf seal product to the bottom face of the door as the thresholds on doors (concrete) | Unit            | \$ | 1,163.28       |
| 579 | Blower Door Testing                                                                                                                                                                       | Day             | \$ | 9,694.04       |
| 580 | Thermography inspection performed during final test and thermography inspection. (Based on 60,000 sq ft. elementary school)                                                               | Day             | \$ | 4,847.02       |
| 581 | Blower Door Directed Air Sealing - Supervision Only                                                                                                                                       | Day             | \$ | 3,635.27       |
| 582 | Building Envelope Assessment                                                                                                                                                              | Day             | \$ | 7,270.53       |
| 583 | IAQ Services                                                                                                                                                                              |                 |    |                |
| 584 | HVAC Air Handling Unit Hygiene & Condition Assessment                                                                                                                                     |                 |    |                |
| 585 | Five (5) Air Handlers or less                                                                                                                                                             | Each            | \$ | 6,783.00       |
| 586 | Each additional Air Handler over five (5)                                                                                                                                                 | Unit            | \$ | 1,130.50       |
| 587 | HVAC Air Handling Unit Hygiene & Condition Assessment Plus Performance Testing of the Unit                                                                                                |                 |    |                |
| 588 | Two (2) Air Handlers or less                                                                                                                                                              | Each            | \$ | 5,652.50       |
| 589 | Each additional Air Handler                                                                                                                                                               | Unit            | \$ | 2,261.00       |
| 590 | Ductwork Hygiene Assessment                                                                                                                                                               |                 |    |                |

|     |                                                                                                                                                                                                                                                  |                     |    |          |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----|----------|
| 591 | Five (5) Representative Duct access locations or less                                                                                                                                                                                            | Each                | \$ | 6,783.00 |
| 592 | Each additional Duct access location over five (5)                                                                                                                                                                                               | Unit                | \$ | 1,130.50 |
| 593 | Additional Laboratory Sampling                                                                                                                                                                                                                   | Each                | \$ | 56.53    |
| 594 | <b>Building Health Check - Indoor Air Quality Investigation</b>                                                                                                                                                                                  |                     |    |          |
| 595 | 10,000 sq ft or less                                                                                                                                                                                                                             | Each                | \$ | 6,783.00 |
| 596 | Each additional sq ft over 10,000 sq ft                                                                                                                                                                                                          | SF                  | \$ | 0.35     |
| 597 | Additional Laboratory Sampling                                                                                                                                                                                                                   | Each                | \$ | 169.58   |
| 598 | <b>Fan Array Retrofit</b>                                                                                                                                                                                                                        |                     |    |          |
| 599 | <b>Fan Array Optimization and Redundancy Installation</b>                                                                                                                                                                                        |                     |    |          |
| 600 | <10,000 CFM Unit                                                                                                                                                                                                                                 | CFM                 | \$ | 19.55    |
| 601 | >10,000 CFM Unit                                                                                                                                                                                                                                 | CFM                 | \$ | 10.95    |
| 602 | Fan Array Material, cost per CFM will depend upon engineering, design, total CFM, static pressure, # fans, amps/volts, size of bulkhead wall, etc.                                                                                               | CFM (Material Only) | \$ | 6.91     |
| 603 | <b>Decontamination Services</b>                                                                                                                                                                                                                  |                     |    |          |
| 604 | Decon Handheld Duct Foggers, daily rate per Units, per Days                                                                                                                                                                                      | Day                 | \$ | 57.58    |
| 605 | Decon Handheld Duct Foggers, weekly rate per Units, per Weeks                                                                                                                                                                                    | Week                | \$ | 179.98   |
| 606 | Decon ESS Tank Foggers, daily rate per Units, per Days                                                                                                                                                                                           | Day                 | \$ | 107.98   |
| 607 | Decon ESS Tank Foggers, weekly rate per Units, per Weeks                                                                                                                                                                                         | Week                | \$ | 539.95   |
| 608 | Decon sanitizer, daily rate per Units, per Days                                                                                                                                                                                                  | Day                 | \$ | 107.98   |
| 609 | Decon sanitizer, weekly rate per Units, per Weeks                                                                                                                                                                                                | Week                | \$ | 539.95   |
| 610 | <b>IAQ Field Work and Report Writing</b>                                                                                                                                                                                                         |                     |    |          |
| 611 | IAQ Diagnostic Tech                                                                                                                                                                                                                              | Hour                | \$ | 167.79   |
| 612 | HVAC/IAQ Specialist                                                                                                                                                                                                                              | Hour                | \$ | 168.16   |
| 613 | Admin Support Technical                                                                                                                                                                                                                          | Hour                | \$ | 77.34    |
| 614 | IAQ HVAC Professional Engineer (PE)                                                                                                                                                                                                              | Hour                | \$ | 215.99   |
| 615 | <b>Video Photo</b>                                                                                                                                                                                                                               |                     |    |          |
| 616 | Infrared Camera, daily rate per Units, per Days                                                                                                                                                                                                  | Day                 | \$ | 359.98   |
| 617 | Infrared Camera, weekly rate per Units, per Weeks                                                                                                                                                                                                | Week                | \$ | 1,727.88 |
| 618 | <b>Duct Cleaning</b>                                                                                                                                                                                                                             |                     |    |          |
| 619 | Duct Cleaning - no encapsulation                                                                                                                                                                                                                 | LF                  | \$ | 23.19    |
| 620 | Duct Cleaning encapsulation                                                                                                                                                                                                                      | LF                  | \$ | 32.71    |
| 621 | Hygienic Disinfection Steam Cleaning                                                                                                                                                                                                             | SF                  | \$ | 55.39    |
| 622 | <b>Anti-Microbial Coating</b>                                                                                                                                                                                                                    |                     |    |          |
| 623 | Anti-Viral, Anti-Microbial Chemical Unit Casing Coating                                                                                                                                                                                          | SF                  | \$ | 64.64    |
| 624 | Zero-Porosity HVAC Insulation System--Non-Wicking Installed                                                                                                                                                                                      | SF                  | \$ | 32.32    |
| 625 | Anti-Viral, Anti-Microbial Liner 2.0 Drain Pan Treatment (>20 sf)                                                                                                                                                                                | SF                  | \$ | 35.11    |
| 626 | Anti-Viral, Anti-Microbia Liner 2.0 Drain Pan Treatment (<20 sf)                                                                                                                                                                                 | SF                  | \$ | 49.98    |
| 627 | <b>Other</b>                                                                                                                                                                                                                                     |                     |    |          |
| 628 | Portable Containment Cubes per Units, per Days                                                                                                                                                                                                   | Day                 | \$ | 327.25   |
| 629 | Portable Containment Cubes per Units, per Weeks                                                                                                                                                                                                  | Week                | \$ | 1,963.50 |
| 630 | Terminal Unit, Reheat Coil, or Fan Coil Cleaning                                                                                                                                                                                                 | SF                  | \$ | 1,810.91 |
| 631 | Coil Replacement                                                                                                                                                                                                                                 | Each                | \$ | 32.32    |
| 632 | Negative Air Machine - 5-6K CFM, daily rate per Units, per Days                                                                                                                                                                                  | Day                 | \$ | 83.88    |
| 633 | Negative Air Machine - 5-6K CFM, weekly rate per Units, per Weeks                                                                                                                                                                                | Week                | \$ | 386.74   |
| 634 | <b>DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR THE FOLLOWING LINES:</b>                                                                                                                                                |                     |    |          |
| 635 | Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations | Day                 | \$ | 1,116.70 |
| 636 | Roof leak investigation                                                                                                                                                                                                                          | Day                 | \$ | 585.94   |
| 637 | Minor roof repair calls                                                                                                                                                                                                                          | Day                 | \$ | 1,230.95 |
| 638 | Labor Rate for Roofer                                                                                                                                                                                                                            | Hour                | \$ | 229.95   |
| 639 | Building / Construction Inspector                                                                                                                                                                                                                | Hour                | \$ | 185.31   |
| 640 | Roof Inspector                                                                                                                                                                                                                                   | Hour                | \$ | 229.95   |
| 641 | Consulting                                                                                                                                                                                                                                       | Hour                | \$ | 75.00    |
| 642 | Design                                                                                                                                                                                                                                           | Hour                | \$ | 111.25   |
| 643 | Installer                                                                                                                                                                                                                                        | Hour                | \$ | 187.10   |
| 644 | Tradesman                                                                                                                                                                                                                                        | Hour                | \$ | 187.10   |
| 645 | Engineering (Electrical)                                                                                                                                                                                                                         | Hour                | \$ | 105.00   |
| 646 | Engineering (Mechanical)                                                                                                                                                                                                                         | Hour                | \$ | 105.00   |
| 647 | Crew Supervision                                                                                                                                                                                                                                 | Hour                | \$ | 120.60   |
| 648 | General Labor                                                                                                                                                                                                                                    | Hour                | \$ | 181.12   |
| 649 | Training                                                                                                                                                                                                                                         | Hour                | \$ | \$0.00   |



**CALIFORNIA 1.19 - Non-Prevailing Wage  
Effective 09/04/2026**

**Roofing & Envelope Services Bid Contract  
AEPA IFB 025-D**

| No. | Description                                                                                                                                                             | Unit of Measure | List Price |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|
| 1   | <b>Water-Resistant Roofing</b>                                                                                                                                          |                 |            |
| 2   | Pressure cleaning, vertical walls                                                                                                                                       | SF              | \$ 0.18    |
| 3   | Pressure cleaning, horizontal surfaces                                                                                                                                  | SF              | \$ 0.38    |
| 4   | Roof scanning to identify wet or substandard roof components to be removed                                                                                              | SF              | \$ 0.01    |
| 5   | Asphalt emulsion coating, waterproofing, brush applied, per coat                                                                                                        | SF              | \$ 0.08    |
| 6   | Rubberized coating waterproofing, brush applied, per coat                                                                                                               | SF              | \$ 0.14    |
| 7   | Vinyl/acrylic resin, dampproofing, brush applied per coat                                                                                                               | SF              | \$ 0.13    |
| 8   | Non-pigmented synthetic resin, waterproofing, one coat sprayed on                                                                                                       | SF              | \$ 0.16    |
| 9   | Caulking: remove existing, clean and prime joint                                                                                                                        | LF              | \$ 1.08    |
| 10  | Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place                                                                                                 | LF              | \$ 0.98    |
| 11  | Caulking, polyurethane, 1 component, 1/4" x 1/4", in place                                                                                                              | LF              | \$ 1.26    |
| 12  | Caulking, polyurethane, 1 component, 1/2" x 1/2", in place                                                                                                              | LF              | \$ 1.23    |
| 13  | Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place                                                                                                           | LF              | \$ 1.04    |
| 14  | Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place                                                                                                 | LF              | \$ 1.73    |
| 15  | Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place                                                                                                           | LF              | \$ 1.23    |
| 16  | Backer rod, polyethylene, 3/8" diameter, installed in prepared opening                                                                                                  | LF              | \$ 0.24    |
| 17  | Backer rod, polyethylene, 1/2" diameter, installed in prepared opening                                                                                                  | LF              | \$ 0.39    |
| 18  | Backer rod, polyethylene, 3/4" diameter, installed in prepared opening                                                                                                  | LF              | \$ 0.41    |
| 19  | Backer rod, polyethylene, 1" diameter, installed in prepared opening                                                                                                    | LF              | \$ 0.49    |
| 20  | Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place                                                                                                      | SF              | \$ 0.23    |
| 21  | Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place                                                                                                      | SF              | \$ 0.11    |
| 22  | Building paper, red rosin paper, 5 square rolls, 4#, in place                                                                                                           | SF              | \$ 0.13    |
| 23  | Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place                                                      | SF              | \$ 0.19    |
| 24  | Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place                                                                | SF              | \$ 0.19    |
| 25  | Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4" glass-mat embedded, water resistant gypsum core panel mechanically fastened | SF              | \$ 0.46    |
| 26  | <b>Insulation</b>                                                                                                                                                       |                 |            |
| 27  | Demolition of roof insulation, per inch of depth                                                                                                                        | SF              | \$ 0.50    |
| 28  | Demolition of lightweight cementitious fills, per inch of depth                                                                                                         | SF              | \$ 0.34    |
| 29  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1" thick, R-6.6, applied Type IV (or appropriate) asphalt                       | SF              | \$ 0.45    |
| 30  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, applied Type IV (or appropriate) asphalt                  | SF              | \$ 0.68    |
| 31  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened                                                                 | SF              | \$ 0.35    |
| 32  | Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, mechanically fastened                                     | SF              | \$ 0.76    |
| 33  | Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt                                                        | SF              | \$ 0.96    |
| 34  | Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides                                   | SF              | \$ 0.33    |
| 35  | Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides                                       | SF              | \$ 0.50    |
| 36  | Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides                                                         | SF              | \$ 0.55    |
| 37  | Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides                                                                  | SF              | \$ 0.33    |
| 38  | Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending on thickness, per inch of depth                                             | SF              | \$ 0.53    |
| 39  | Roof deck insulation, vermiculite at 1/8:12, R-value depending on thickness, per inch of depth                                                                          | SF              | \$ 1.04    |
| 40  | Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth                                                                          | SF              | \$ 1.18    |
| 41  | Roof deck insulation, gypsum panels, 3" thick                                                                                                                           | SF              | \$ 2.48    |
| 42  | Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth                                                 | SF              | \$ 0.63    |
| 43  | Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth                                                 | SF              | \$ 0.99    |
| 44  | Cold insulation adhesive                                                                                                                                                | SF              | \$ 1.29    |
| 45  | CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached                                                                                                                      | SF              | \$ 0.46    |
| 46  | CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive                                                                                                                          | SF              | \$ 0.73    |

|     |                                                                                                                                                          |      |    |      |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|------|
| 47  | CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached                                                                                                       | SF   | \$ | 1.31 |
| 48  | CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive                                                                                                           | SF   | \$ | 1.96 |
| 49  | CDX Gypsum with fiberglass facer: 1/4" x 4' x 8' - Mechanically attached                                                                                 | SF   | \$ | 1.08 |
| 50  | CDX Gypsum with fiberglass facer: 1/4" x 4' x 8' - Set into adhesive                                                                                     | SF   | \$ | 1.74 |
| 51  | CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Mechanically attached                                                                                 | SF   | \$ | 1.71 |
| 52  | CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Set into adhesive                                                                                     | SF   | \$ | 2.45 |
| 53  | <b>Roof Tiles and Shingles</b>                                                                                                                           |      |    |      |
| 54  | Remove composition shingles and felts to decking (test for removal of asbestos prior to removal)                                                         | SF   | \$ | 0.79 |
| 55  | Remove clay, concrete, or slate roof tiles to decking                                                                                                    | SF   | \$ | 0.85 |
| 56  | Remove wood shingles and felts to decking                                                                                                                | SF   | \$ | 0.30 |
| 57  | Shingles, fiberglass, Class A, 25-year strip shingles, slopes 3:12 or greater                                                                            | SF   | \$ | 1.53 |
| 58  | Shingles, fiberglass, Class A, 30-year, premium laminated multilayered shingles, slopes 3:12 or greater                                                  | SF   | \$ | 2.41 |
| 59  | Replace clay or concrete roof tiles                                                                                                                      | Each | \$ | 3.25 |
| 60  | Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.                             | SF   | \$ | 2.26 |
| 61  | <b>Roofing and Roof Restoration</b>                                                                                                                      |      |    |      |
| 62  | Remove built-up roof, multi-ply aggregate, non-asbestos, 1" thick or less                                                                                | SF   | \$ | 0.93 |
| 63  | Remove single-ply roof: ballast, and membrane only                                                                                                       | SF   | \$ | 1.20 |
| 64  | Remove single-ply roof, membrane partially or fully adhered                                                                                              | SF   | \$ | 1.33 |
| 65  | Remove single-ply roof, membrane mechanically attached                                                                                                   | SF   | \$ | 1.30 |
| 66  | Remove copper sheet roofing                                                                                                                              | SF   | \$ | 0.31 |
| 67  | Base sheet, 3-ply fiberglass, Type IV (or appropriate type) asphalt (17 year roof)                                                                       | SF   | \$ | 1.79 |
| 68  | Base sheet, 4-ply fiberglass, mechanically attached (17-year roof)                                                                                       | SF   | \$ | 1.13 |
| 69  | Fiberglass cap finishing membrane                                                                                                                        | SF   | \$ | 0.43 |
| 70  | Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)                                                                           | SF   | \$ | 1.66 |
| 71  | Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)                                                                           | SF   | \$ | 2.13 |
| 72  | Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt                                             | SF   | \$ | 1.26 |
| 73  | Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt                                                   | SF   | \$ | 1.31 |
| 74  | Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)                                          | SF   | \$ | 1.50 |
| 75  | Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)                                       | SF   | \$ | 1.13 |
| 76  | Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)                                                            | SF   | \$ | 3.29 |
| 77  | Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)                                                             | SF   | \$ | 1.96 |
| 78  | Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)                            | SF   | \$ | 3.24 |
| 79  | Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof) | SF   | \$ | 1.63 |
| 80  | Built-up roof, base sheet, G-2, 33 lb., mechanically attached                                                                                            | SF   | \$ | 0.75 |
| 81  | Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt                                                                                                  | SF   | \$ | 0.85 |
| 82  | Built-up roof, premium asphalt, added cost per ply per square foot                                                                                       | SF   | \$ | 0.10 |
| 83  | Built-up roof, modified bitumen adhesive, added cost per ply per square foot                                                                             | SF   | \$ | 0.25 |
| 84  | Built-up roof, surface with cold asphaltic surfacing adhesive and gravel                                                                                 | SF   | \$ | 2.76 |
| 85  | Built-up roof, surface with emulsion and granules                                                                                                        | SF   | \$ | 0.75 |
| 86  | Built-up roof, surface with emulsion and aluminum coating                                                                                                | SF   | \$ | 1.01 |
| 87  | Built-up roof, surface with emulsion and white elastomeric coating                                                                                       | SF   | \$ | 1.06 |
| 88  | Built-up roof, surface with aluminum coating or paint                                                                                                    | SF   | \$ | 1.79 |
| 89  | Built-up roofing, surface with high solids white elastomeric coating                                                                                     | SF   | \$ | 2.48 |
| 90  | Built-up roofing repairs; fibered asphalt mastic, brush grade, with fiberglass mesh                                                                      | SF   | \$ | 2.24 |
| 91  | Built-up roofing repairs; pitch-based mastic, with fiberglass mesh                                                                                       | SF   | \$ | 1.70 |
| 92  | Built-up roofing repairs; elastomeric mastic, with fiberglass mesh                                                                                       | SF   | \$ | 3.06 |
| 93  | Built-up roofing restoration, coal tar pitch roofs                                                                                                       | SF   | \$ | 1.70 |
| 94  | Built-up roofing restoration, odorless, coal tar pitch or asphalt roofs                                                                                  | SF   | \$ | 1.94 |
| 95  | Single-ply roof, CSPE, 45 mils reinforced, asbestos free, mechanically fastened                                                                          | SF   | \$ | 1.63 |
| 96  | Single-ply roof, CSPE, 60 mils reinforced, asbestos free, mechanically fastened                                                                          | SF   | \$ | 1.74 |
| 97  | <b>Single-ply roofing repairs (CSPE, PVC, and EPDM)</b>                                                                                                  |      |    |      |
| 98  | CSPE                                                                                                                                                     | SF   | \$ | 1.51 |
| 99  | PVC                                                                                                                                                      | SF   | \$ | 2.16 |
| 100 | EPDM                                                                                                                                                     | SF   | \$ | 1.90 |
| 101 | Flashing membrane, 2 ply, Type IV or Type VI fiberglass                                                                                                  | SF   | \$ | 1.84 |
| 102 | Flashing membrane, 1 ply polyester and 1 ply modified bitumen                                                                                            | SF   | \$ | 2.95 |
| 103 | Flashing membrane, 2 ply, polyester                                                                                                                      | SF   | \$ | 2.05 |
| 104 | Flashing membrane, CSPE                                                                                                                                  | SF   | \$ | 5.46 |
| 105 | Flashing membrane, CSPE with aluminum coating                                                                                                            | SF   | \$ | 8.63 |
| 106 | Polyurethane foam roofing                                                                                                                                | SF   | \$ | 1.38 |
| 107 | Additional Polyurethane foam coating                                                                                                                     | SF   | \$ | 2.24 |
| 108 | Single-ply roof, EDPM, 45 mils reinforced, mechanically fastened                                                                                         | SF   | \$ | 1.21 |
| 109 | Single-ply roof, EDPM, 60 mils fully adhered                                                                                                             | SF   | \$ | 3.01 |
| 110 | Built-up roof, base sheet with 3 ply trilaminate ply, cold process adhesive (25 year roof)                                                               | SF   | \$ | 3.29 |

|     |                                                                                                                                  |      |    |        |
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| 111 | Built-up roof, surface with premium asphalt, and gravel                                                                          | SF   | \$ | 0.56   |
| 112 | Built-up roof, surface with Fire Retardant Aluminum coating or paint, single coat                                                | SF   | \$ | 0.80   |
| 113 | Modified Bitumen roof, base sheet, cap sheet, cold Modified Bitumen Adhesive                                                     | SF   | \$ | 6.15   |
| 114 | Built-up roof, 3 ply fiberglass felts, Type IV asphalt                                                                           | SF   | \$ | 3.03   |
| 115 | Single ply Roof, 45 mils fully adhered with bonding adhesive                                                                     | SF   | \$ | 4.03   |
| 116 | Single ply roof, TPA Fleece Back, 45 mils fully adhered with hot asphalt                                                         | SF   | \$ | 4.03   |
| 117 | Single ply roof, 45 mils mechanically attached                                                                                   | SF   | \$ | 1.64   |
| 118 | Base sheet mechanically attached with 3 ply fiberglass felts, Type 1 -Coal Tar Pitch                                             | SF   | \$ | 1.26   |
| 119 | Base sheet mechanically attached with 3 ply Organic felts, Type 1 -Coal Tar Pitch                                                | SF   | \$ | 1.30   |
| 120 | Built-up roof, 4 ply Fiberglass felts, Type 1 Coal Tar Pitch                                                                     | SF   | \$ | 1.34   |
| 121 | Build-up roof, 4 ply Organic felts, Type 1 Coal Tar Pitch                                                                        | SF   | \$ | 1.34   |
| 122 | Built-up roof, surface with hot Coal Tar Pitch and gravel                                                                        | SF   | \$ | 0.94   |
| 123 | Single ply repairs using 2 coat polyurethane, elastomeric coating system                                                         | SF   | \$ | 4.68   |
| 124 | Single ply repairs at laps or defects using 2 coats elastomeric coating system with reinforcement                                | SF   | \$ | 5.01   |
| 125 | Single ply roof, TPA fleece back, 60 mils fully adhered with hot asphalt                                                         | SF   | \$ | 7.38   |
| 126 | Single ply roof 60 mils fully adhered with bonding adhesive                                                                      | SF   | \$ | 7.38   |
| 127 | Built-up roof, 1 ply Trilaminate, 1 ply Modified Bitumen Sheet, fire rated                                                       | SF   | \$ | 3.33   |
| 128 | <b>Masonry</b>                                                                                                                   |      |    |        |
| 129 | Brick, remove and reset, 1 to 50 sq ft                                                                                           | SF   | \$ | 16.06  |
| 130 | Brick, remove and reset, over 50 sq ft                                                                                           | SF   | \$ | 12.99  |
| 131 | Block, remove and reset                                                                                                          | SF   | \$ | 13.54  |
| 132 | Coping stones, remove and reset                                                                                                  | Each | \$ | 32.23  |
| 133 | Brick, block or coping removal                                                                                                   | Each | \$ | 10.46  |
| 134 | <b>Brick, block and brick exterior wall maintenance, repair and application of protective coatings</b>                           |      |    |        |
| 135 | Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-swingstage 4", 6" and 8" block (high-rise) | Each | \$ | 6.41   |
| 136 | Selective Demolition of Brick Masonry Units with perimeter saw cutting - swingstage one, two, and three wythe (high-rise)        | SF   | \$ | 22.98  |
| 137 | Selective Demolition of Brick Masonry Units with perimeter saw cutting - scaffolding one, two and three wythe (low-rise)         | SF   | \$ | 16.30  |
| 138 | <b>Selective Demolition of Mortar Joint with Perimeter Saw cutting - Swingstage (high-rise)</b>                                  |      |    |        |
| 139 | Removal of existing mortar ( ½" wide by ¾" depth)                                                                                | SF   | \$ | 1.71   |
| 140 | Removal of existing mortar (¾" wide by ¾" depth)                                                                                 | SF   | \$ | 1.86   |
| 141 | Removal of existing mortar (½" wide by 1½" depth)                                                                                | SF   | \$ | 2.04   |
| 142 | Removal of existing mortar (¾" wide by 1½" depth)                                                                                | SF   | \$ | 2.60   |
| 143 | <b>Selective Demolition of Mortar Joint with Perimeter Saw cutting - Scaffolding (low-rise)</b>                                  |      |    |        |
| 144 | Removal of existing mortar ( ½" wide by ¾" depth)                                                                                | SF   | \$ | 3.40   |
| 145 | Removal of existing mortar (¾" wide by ¾" depth)                                                                                 | SF   | \$ | 3.74   |
| 146 | Removal of existing mortar (½" wide by 1½" depth)                                                                                | SF   | \$ | 5.38   |
| 147 | Removal of existing mortar (¾" wide by 1½" depth)                                                                                | SF   | \$ | 6.25   |
| 148 | <b>New Pointing Work - Swingstage (high-rise)</b>                                                                                |      |    |        |
| 149 | Furnish and install new mortar (½" wide by ¾" depth)                                                                             | SF   | \$ | 2.25   |
| 150 | Furnish and install new mortar (¾" wide by ¾" depth)                                                                             | SF   | \$ | 2.34   |
| 151 | Furnish and install new mortar (½" wide by 1 ½" depth)                                                                           | SF   | \$ | 1.99   |
| 152 | Furnish and install new mortar (¾" wide by 1 ½" depth)                                                                           | SF   | \$ | 2.89   |
| 153 | <b>New Pointing Work - Scaffolding (low-rise)</b>                                                                                |      |    |        |
| 154 | Furnish and install new mortar (½" wide by ¾" depth)                                                                             | SF   | \$ | 5.44   |
| 155 | Furnish and install new mortar (¾" wide by ¾" depth)                                                                             | SF   | \$ | 6.13   |
| 156 | Furnish and install new mortar (½" wide by 1 ½" depth)                                                                           | SF   | \$ | 6.34   |
| 157 | Furnish and install new mortar (¾" wide by 1 ½" depth)                                                                           | SF   | \$ | 7.26   |
| 158 | <b>Removal of Roof Parapets - Swingstage (high-rise)</b>                                                                         |      |    |        |
| 159 | Removal of 3 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 34.28  |
| 160 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 60.31  |
| 161 | Removal of 2 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 28.71  |
| 162 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 52.79  |
| 163 | <b>Removal of Roof Parapets - Scaffolding (low-rise)</b>                                                                         |      |    |        |
| 164 | Removal of 3 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 66.18  |
| 165 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 119.09 |
| 166 | Removal of 2 wythe brick parapet wall (24" high)                                                                                 | SF   | \$ | 55.58  |
| 167 | Removal of 3 wythe brick parapet wall (42" high)                                                                                 | SF   | \$ | 111.15 |
| 168 | <b>Reconstruction of Brick Masonry Roof Parapets - Swingstage (high-rise)</b>                                                    |      |    |        |
| 169 | New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)                                                       | SF   | \$ | 101.35 |
| 170 | New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)                                                       | SF   | \$ | 128.01 |
| 171 | New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)                                                       | SF   | \$ | 75.24  |
| 172 | New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)                                                       | SF   | \$ | 93.66  |
| 173 | <b>Reconstruction of Brick Masonry Roof Parapets - Scaffolding (low-rise)</b>                                                    |      |    |        |
| 174 | New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)                                                       | SF   | \$ | 185.25 |
| 175 | b) New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)                                                    | SF   | \$ | 251.43 |
| 176 | c) New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)                                                    | SF   | \$ | 132.33 |
| 177 | d) New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)                                                    | SF   | \$ | 193.66 |
| 178 | <b>New Throughwall Flashings - Swingstage (high-rise)</b>                                                                        |      |    |        |
| 179 | Removal of 4 courses 1 wythe brick wall w/Temporary Shoring                                                                      | SF   | \$ | 35.68  |

|     |                                                                                                                                                        |      |    |        |
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| 180 | Removal and replacement of steel lintel                                                                                                                | SF   | \$ | 18.00  |
| 181 | Furnish and install new flashings (Bituthane)                                                                                                          | SF   | \$ | 5.63   |
| 182 | Furnish and install new flashings (Lead coated copper)                                                                                                 | SF   | \$ | 10.13  |
| 183 | Parging and waterproofing of back-up wall                                                                                                              | SF   | \$ | 7.88   |
| 184 | <b>New Throughwall Flashings - Scaffolding (low-rise)</b>                                                                                              |      |    |        |
| 185 | Removal of 4 courses 1 wythe brick wall w/Temporary Shoring                                                                                            | SF   | \$ | 28.73  |
| 186 | Removal and replacement of steel lintel                                                                                                                | SF   | \$ | 33.74  |
| 187 | Furnish and install new flashings (Bituthane)                                                                                                          | SF   | \$ | 9.01   |
| 188 | Furnish and install new flashings (Lead coated copper)                                                                                                 | SF   | \$ | 17.99  |
| 189 | Parging and waterproofing of back-up wall                                                                                                              | SF   | \$ | 12.60  |
| 190 | <b>Brick Masonry/Stone Stabilization</b>                                                                                                               |      |    |        |
| 191 | Drilling and installation of new friction pins with mortar cap                                                                                         | SF   | \$ | 9.26   |
| 192 | Drilling and installation of new friction pins for lime stone with mortar cap                                                                          | SF   | \$ | 9.26   |
| 193 | <b>Limestone Removal and Replacement</b>                                                                                                               |      |    |        |
| 194 | Removal of existing deteriorated architectural limestone                                                                                               | SF   | \$ | 23.16  |
| 195 | Furnish and install new limestone replacement                                                                                                          | SF   | \$ | 66.79  |
| 196 | Replacement of stone with lightweight polymer resin to match                                                                                           | SF   | \$ | 13.44  |
| 197 | Minor patching of existing stone to match                                                                                                              | SF   | \$ | 28.26  |
| 198 | <b>Terra Cotta Removal and Replacement</b>                                                                                                             |      |    |        |
| 199 | Removal of existing deteriorated architectural Terra Cotta                                                                                             | SF   | \$ | 46.33  |
| 200 | Furnish and install new Terra Cotta replacement                                                                                                        | SF   | \$ | 148.20 |
| 201 | Replacement of stone with lightweight polymer resin to match                                                                                           | SF   | \$ | 53.71  |
| 202 | Minor patching of existing stone to match                                                                                                              | SF   | \$ | 85.64  |
| 203 | <b>Roof Coping Stones</b>                                                                                                                              |      |    |        |
| 204 | Removal of existing roof coping stones (16 inches)                                                                                                     | SF   | \$ | 21.84  |
| 205 | Removal and parging of existing substrate                                                                                                              | SF   | \$ | 3.60   |
| 206 | Furnish and install new lead coated copper flashings                                                                                                   | SF   | \$ | 14.81  |
| 207 | Drilling and epoxy grouting stainless steel pins                                                                                                       | SF   | \$ | 4.46   |
| 208 | Reinstallation of existing stones with cleaning                                                                                                        | SF   | \$ | 13.40  |
| 209 | Furnish and install new coping stones                                                                                                                  | SF   | \$ | 30.48  |
| 210 | Furnish and install new sealants between coping stones                                                                                                 | SF   | \$ | 4.69   |
| 211 | Cleaning and coating of existing stones                                                                                                                | SF   | \$ | 3.48   |
| 212 | <b>CMU Backup Wall Repair and Waterproofing</b>                                                                                                        |      |    |        |
| 213 | Replacement of Deteriorated CMU Back-up                                                                                                                | SF   | \$ | 10.50  |
| 214 | Parging of CMU back-up wall                                                                                                                            | SF   | \$ | 2.64   |
| 215 | Waterproofing of back-up wall                                                                                                                          | SF   | \$ | 1.50   |
| 216 | <b>Brick Masonry Piers</b>                                                                                                                             |      |    |        |
| 217 | Isolated repair of existing masonry piers (removal and replacement)                                                                                    | SF   | \$ | 20.84  |
| 218 | Reconstruction of isolated areas of pier                                                                                                               | SF   | \$ | 18.79  |
| 219 | Construction of new masonry piers                                                                                                                      | SF   | \$ | 15.05  |
| 220 | <b>Crack Repair</b>                                                                                                                                    |      |    |        |
| 221 | Drill and install new stainless steel pins                                                                                                             | Each | \$ | 5.78   |
| 222 | Grouting of open cracks                                                                                                                                | SF   | \$ | 3.98   |
| 223 | Replacement of cracked bricks                                                                                                                          | SF   | \$ | 7.94   |
| 224 | <b>Concrete Removal</b>                                                                                                                                |      |    |        |
| 225 | Perimeter sawcutting                                                                                                                                   | SF   | \$ | 1.08   |
| 226 | Removal of existing concrete (2" depth)                                                                                                                | SF   | \$ | 5.05   |
| 227 | Removal of existing concrete (3.5" depth)                                                                                                              | SF   | \$ | 6.50   |
| 228 | <b>New Concrete and Coating</b>                                                                                                                        |      |    |        |
| 229 | Placement of new high strength patching mortar (2" depth)                                                                                              | SF   | \$ | 18.04  |
| 230 | Placement of new high strength patching mortar (3.5" depth)                                                                                            | SF   | \$ | 20.21  |
| 231 | Cleaning and coating of concrete surface                                                                                                               | SF   | \$ | 5.78   |
| 232 | Sidewalk Bridging                                                                                                                                      | SF   | \$ | 22.54  |
| 233 | Temporary Roof Protection                                                                                                                              | SF   | \$ | 1.84   |
| 234 | <b>Metal Work</b>                                                                                                                                      |      |    |        |
| 235 | Remove standard metal decking                                                                                                                          | SF   | \$ | 2.14   |
| 236 | Install metal decking; 1-1/2" deep, 20 gauge, standard profile                                                                                         | SF   | \$ | 4.41   |
| 237 | Install steel plate, two sizes                                                                                                                         | SF   | \$ | 2.98   |
| 238 | 10 Gauge, standard application                                                                                                                         | SF   | \$ | 2.98   |
| 239 | Extra heavy-duty 1/4th inch                                                                                                                            | SF   | \$ | 1.60   |
| 240 | Remove metal counterflashing                                                                                                                           | LF   | \$ | 1.75   |
| 241 | Counterflashing, galvanized, 24 gauge, 6" width                                                                                                        | LF   | \$ | 3.88   |
| 242 | Counterflashing, copper, 16 oz., 6" width                                                                                                              | LF   | \$ | 2.61   |
| 243 | Remove metal edge, gravel stop, eave strip, or coping                                                                                                  | LF   | \$ | 1.65   |
| 244 | Metal edge raised, galvanized steel fascia/eave drip; 6 "face, hemmed, continuous cleat, 3" deck flange                                                | LF   | \$ | 5.53   |
| 245 | Gravel stop, galvanized steel, 24 gauge, 6" face                                                                                                       | LF   | \$ | 6.28   |
| 246 | Remove metal gutter                                                                                                                                    | LF   | \$ | 2.94   |
| 247 | Gutter, galvanized steel, ASTM 526, with 12.5oz./square foot galvanized coating, 24 gauge, 5" box or ogee style, joints and end caps shall be soldered | LF   | \$ | 16.94  |
| 248 | Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish                                                                                    | LF   | \$ | 22.39  |
| 249 | Gutter, copper, 16 oz, half round, 5" wide                                                                                                             | LF   | \$ | 8.08   |
| 250 | Gutter, copper, 16 oz, half round, 6" wide                                                                                                             | LF   | \$ | 9.49   |

|     |                                                                                                   |      |    |       |
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| 251 | Remove metal downspouts                                                                           | LF   | \$ | 2.50  |
| 252 | Downspouts, aluminum, .024" thick, 3" x 4", painted, installed                                    | LF   | \$ | 16.56 |
| 253 | Downspouts, GI, 24 gauge 3" x 4" installed                                                        | LF   | \$ | 21.49 |
| 254 | Downspouts, GI, 24 gauge, 4" round                                                                | LF   | \$ | 13.90 |
| 255 | Downspouts, copper, 16 oz., 6" round                                                              | LF   | \$ | 12.51 |
| 256 | Downspouts, strainer                                                                              | Each | \$ | 3.71  |
| 257 | Metal flashing, apron flashing, 9" wide                                                           | LF   | \$ | 3.79  |
| 258 | Metal flashing, step flashing                                                                     | Each | \$ | 7.01  |
| 259 | Metal splash pan, 16 oz.                                                                          | Each | \$ | 12.44 |
| 260 | Metal trim, aluminum, .032" thick, painted                                                        | SF   | \$ | 2.61  |
| 261 | Metal storm collar                                                                                | Each | \$ | 22.31 |
| 262 | Metal coping, galvanized steel, 24 gauge, standing seam                                           | SF   | \$ | 13.38 |
| 263 | Metal coping, galvanized steel, 24 gauge, with butt plate                                         | SF   | \$ | 13.38 |
| 264 | Resolder joints in sheet metal                                                                    | LF   | \$ | 0.91  |
| 265 | Metal edge, aluminum, 0.50 thick 6" face painted                                                  | SF   | \$ | 14.05 |
| 266 | Metal edge, aluminum, free floating fascia system                                                 | SF   | \$ | 15.59 |
| 267 | Parapet wall metal                                                                                | SF   | \$ | 11.99 |
| 268 | Metal edge, anodized finished aluminum, free floating fascia system 8 inches                      | SF   | \$ | 26.89 |
| 269 | Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 8 inches | SF   | \$ | 12.18 |
| 270 | Metal edge, anodized finished aluminum, free floating fascia system 6 inches                      | SF   | \$ | 10.81 |
| 271 | Metal edge, high performance fluorocarbon finished aluminum, free floating fascia system 6 inches | SF   | \$ | 9.48  |
| 272 | <b>New Aluminum Metal Cladding</b>                                                                |      |    |       |
| 273 | Furnish and install new uninsulated aluminum wall cladding                                        | SF   | \$ | 7.31  |
| 274 | Furnish and install new insulated aluminum wall cladding                                          | SF   | \$ | 12.85 |
| 275 | Furnish and install new insulated aluminum wall cladding panels (Architecture)                    | SF   | \$ | 18.29 |
| 276 | Cladding of roof parapet walls with copings                                                       | SF   | \$ | 21.31 |
| 277 | <b>New Exterior Insulation and Finish System (EIFS)</b>                                           |      |    |       |
| 278 | New Exterior Insulation and Finish System (EIFS)                                                  | SF   | \$ | 25.43 |
| 279 | New Exterior Insulation Finish System (EIFS) w/o insulation                                       | SF   | \$ | 15.69 |
| 280 | New Metal Copings                                                                                 | SF   | \$ | 11.15 |
| 281 | <b>Surface Preparation</b>                                                                        |      |    |       |
| 282 | Cleaning of existing steel and surface                                                            | SF   | \$ | 8.46  |
| 283 | Coating of existing reinforcement                                                                 | SF   | \$ | 0.94  |
| 284 | Exterior rated gypsum board sheathing and substrate                                               | SF   | \$ | 2.61  |
| 285 | EIFS Repair                                                                                       | SF   | \$ | 24.23 |
| 286 | <b>Woodwork</b>                                                                                   |      |    |       |
| 287 | Demolition of plywood or standard 1" x 6" decking                                                 | SF   | \$ | 1.04  |
| 288 | Demolition of standard 2" x 6" tongue and groove decking                                          | SF   | \$ | 0.78  |
| 289 | Plywood decking, CDX, 1/2" thick (or 15/32" optional)                                             | SF   | \$ | 2.73  |
| 290 | Plywood decking, CDX, 5/8" thick                                                                  | SF   | \$ | 1.36  |
| 291 | Plywood decking, CDX, 3/4" thick                                                                  | SF   | \$ | 2.55  |
| 292 | Standard 1" x 6" decking, tongue and groove                                                       | SF   | \$ | 1.38  |
| 293 | Standard 2" x 6" tongue and groove decking                                                        | SF   | \$ | 2.03  |
| 294 | Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8"                                                   | LF   | \$ | 0.64  |
| 295 | Cants, SBX treated wood, 4" x 4" diagonal                                                         | LF   | \$ | 2.53  |
| 296 | Nailer, SBX treated wood, 1" x 4"                                                                 | LF   | \$ | 1.08  |
| 297 | Nailer, SBX treated wood, 2" x 4"                                                                 | LF   | \$ | 1.31  |
| 298 | <b>Nailer, SBX treated wood</b>                                                                   |      |    |       |
| 299 | 2" x 6"                                                                                           | LF   | \$ | 2.34  |
| 300 | 2" x 8" optional                                                                                  | LF   | \$ | 2.49  |
| 301 | Curbing, SBX treated wood, 2" x 12"                                                               | LF   | \$ | 2.89  |
| 302 | <b>Joist, fir</b>                                                                                 |      |    |       |
| 303 | 2" x 6"                                                                                           | LF   | \$ | 2.74  |
| 304 | 2" x 8" optional                                                                                  | LF   | \$ | 3.13  |
| 305 | <b>Joist, fir</b>                                                                                 |      |    |       |
| 306 | 2" x 10"                                                                                          | LF   | \$ | 3.15  |
| 307 | 2" x 12" optional                                                                                 | LF   | \$ | 3.44  |
| 308 | <b>Standing Seam Metal Roof System (SSMRS) Price Each</b>                                         |      |    |       |
| 309 | <b>Specification Using Line Items</b>                                                             |      |    |       |
| 310 | Pre-Engineered SSMRS, products (20-year roof)                                                     | SF   | \$ | 7.95  |
| 311 | Subpurlins                                                                                        | LF   | \$ | 6.00  |
| 312 | Roof panel installation                                                                           | SF   | \$ | 6.61  |
| 313 | Field forming of panels                                                                           | SF   | \$ | 2.70  |
| 314 | Concealed anchor clips                                                                            | Each | \$ | 1.78  |
| 315 | Vapor retarder installation                                                                       | SF   | \$ | 0.81  |
| 316 | Insulation installation                                                                           | SF   | \$ | 2.61  |
| 317 | Gutters (SSMRS only)                                                                              | LF   | \$ | 19.35 |
| 318 | Gutter liners                                                                                     | SF   | \$ | 4.50  |
| 319 | Flashing                                                                                          | LF   | \$ | 9.38  |
| 320 | Expansion joints                                                                                  | LF   | \$ | 22.73 |
| 321 | <b>Finishing touches (no additional cost in contract)</b>                                         |      |    |       |

|     |                                                                                                                                                 |         |    |          |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|----------|
| 322 | Snow retention assemblies                                                                                                                       | LF      | \$ | 1.19     |
| 323 | Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.                    | LF      | \$ | 2.46     |
| 324 | <b>Roof Specialties and Accessories</b>                                                                                                         |         |    |          |
| 325 | Remove roof hatch                                                                                                                               | Each    | \$ | 92.81    |
| 326 | Roof hatch, aluminum, 2'6" x 3'0"                                                                                                               | Each    | \$ | 292.51   |
| 327 | Roof hatch, aluminum, larger sizes                                                                                                              | SF      | \$ | 25.21    |
| 328 | Remove existing roof drain, except plumbing                                                                                                     | Each    | \$ | 290.59   |
| 329 | Install new roof 4" drain, except plumbing                                                                                                      | Each    | \$ | 1,288.76 |
| 330 | Install new roof 6" drain, except plumbing                                                                                                      | Each    | \$ | 1,288.76 |
| 331 | Reflash existing roof drain                                                                                                                     | Each    | \$ | 178.73   |
| 332 | Plumbing stack, 4# lead flashing                                                                                                                | Each    | \$ | 78.58    |
| 333 | Scupper, sheet steel, 24 gauge ASTM A 526, match existing configuration                                                                         | Each    | \$ | 140.79   |
| 334 | Remove existing walkway, built-up roofs                                                                                                         | SF      | \$ | 0.29     |
| 335 | Walkway, built-up roofs, desert tan fiberglass                                                                                                  | LF      | \$ | 0.43     |
| 336 | Walkway, built up roofs, non skid                                                                                                               | LF      | \$ | 2.06     |
| 337 | <b>Walkway, single ply roof</b>                                                                                                                 |         |    |          |
| 338 | 30" wide roll goods, tape attached                                                                                                              | LF      | \$ | 1.71     |
| 339 | 30" wide roll, hot asphalt attached                                                                                                             | LF      | \$ | 1.99     |
| 340 | 30" wide roll, adhesive attached                                                                                                                | LF      | \$ | 2.01     |
| 341 | Roof ventilators                                                                                                                                | Each    | \$ | 91.70    |
| 342 | Roof ladder, steel, bolted to concrete, up to 20 feet, without cage                                                                             | LF      | \$ | 49.65    |
| 343 | Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate landings as required by Code                               | LF      | \$ | 60.69    |
| 344 | Roof ladder, security ladder guard                                                                                                              | Each    | \$ | 64.80    |
| 345 | Termination bar, aluminum, 1/4" x 1"                                                                                                            | LF      | \$ | 2.91     |
| 346 | Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners and seams                                            | Each    | \$ | 122.09   |
| 347 | Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams                                           | Each    | \$ | 133.55   |
| 348 | <b>Pitch pocket, resurface top only</b>                                                                                                         |         |    |          |
| 349 | 8" x 8"                                                                                                                                         | Each    | \$ | 4.45     |
| 350 | 12" x 12"                                                                                                                                       | Each    | \$ | 5.39     |
| 351 | Expansion joint, butyl or neoprene bellows, galvanized flange                                                                                   | LF      | \$ | 20.00    |
| 352 | Expansion joint, CSPE reinforced                                                                                                                | LF      | \$ | 15.44    |
| 353 | Repair kit for dry repairs                                                                                                                      | Each    | \$ | 20.63    |
| 354 | Repair kit for wet repairs                                                                                                                      | Each    | \$ | 20.63    |
| 355 | <b>Skylights (price each size and lens combination)</b>                                                                                         |         |    |          |
| 356 | Standard 3' x 5', 4' x 4', 4' x 8' with single clear lenses                                                                                     | SF      | \$ | 13.05    |
| 357 | Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses                                                                                     | SF      | \$ | 23.06    |
| 358 | Skylight lense replacement only, clear                                                                                                          | SF      | \$ | 3.09     |
| 359 | Skylight lense replacement only, double clear                                                                                                   | SF      | \$ | 3.09     |
| 360 | <b>Security/fall bars for skylights</b>                                                                                                         |         |    |          |
| 361 | 3' x 5'                                                                                                                                         | Each    | \$ | 70.13    |
| 362 | 4' x 4'                                                                                                                                         | Each    | \$ | 70.13    |
| 363 | 4' x 8'                                                                                                                                         | Each    | \$ | 156.75   |
| 364 | Special sizes                                                                                                                                   | SF      | \$ | 11.64    |
| 365 | <b>Roof Services</b>                                                                                                                            |         |    |          |
| 366 | Asbestos core testing and patch of existing roof surface                                                                                        | Each    | \$ | 57.79    |
| 367 | Core analysis, 14" x 14" and patch of existing roof surface                                                                                     | Each    | \$ | 251.96   |
| 368 | Non destructive roof scan, up to 50,000 sq ft, full service each                                                                                | Each    | \$ | 3,371.60 |
| 369 | Additional foot over 50,000 sq ft                                                                                                               | SF      | \$ | 0.04     |
| 370 | Non destructive roof scan, up to 50,000 sq ft, limited service                                                                                  | Each    | \$ | 1,855.01 |
| 371 | Additional foot over 50,000 sq ft                                                                                                               | Each    | \$ | 0.04     |
| 373 | Field/shop drawings, up to 10,000 sq ft                                                                                                         | SF      | \$ | 0.03     |
| 374 | Field/shop drawings, 10,000-50,000 sq ft                                                                                                        | SF      | \$ | 0.03     |
| 375 | Field/shop drawings, over 50,000 sq ft                                                                                                          | SF      | \$ | 0.03     |
| 376 | Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge                                                            | Project | \$ | 400.00   |
| 377 | Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge                                                                     | SF      | \$ | 0.04     |
| 378 | Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)                                  | Project | \$ | 800.00   |
| 379 | Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections) | Project | \$ | 1,800.00 |
| 380 | 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5                                                               | Each    | \$ | 2,000.00 |
| 381 | 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5                                                                | Each    | \$ | 0.20     |
| 382 | Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)                                  | SF      | \$ | 0.08     |
| 383 | Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (includes 2, 5, 7 & 10 year inspections)    | SF      | \$ | 0.20     |
| 384 | Per diem rate per worker per 24 hour period of time                                                                                             | Day     | \$ | 56.95    |
| 385 | Prime contractors per diem/costs for asbestos abatement planning                                                                                | Day     | \$ | 28.99    |
| 386 | Asbestos abatement activities, BUR removal and disposal of waste                                                                                | SF      | \$ | 1.64     |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|--------|
| 387 | Project site is located 65 or more miles from the contractor's/subcontractor's yard/home location                                                                      | SF              | \$ | 0.83   |
| 388 | Asbestos site monitoring                                                                                                                                               | Day             | \$ | 352.26 |
| 389 | <b>Annual or semi-annual roof housekeeping-per location</b>                                                                                                            |                 |    |        |
| 390 | Cost once a year per location if less than 20,000 sq. ft.                                                                                                              | SF              | \$ | 0.14   |
| 391 | Cost per Sq.ft. per year per location if greater than 20,000 sq.ft.                                                                                                    | SF              | \$ | 0.14   |
| 392 | Cost semi-annual per location if less than 20,000sq. ft.                                                                                                               | SF              | \$ | 0.24   |
| 393 | Cost per Sq.ft. semi annual per location if greater than 20,000 sq.ft.                                                                                                 | SF              | \$ | 0.24   |
| 396 | Difficult access or fall restriction; surcharge                                                                                                                        | %               |    | 15%    |
| 397 | Excessive hauling                                                                                                                                                      | Each            | \$ | 80.36  |
| 398 | Work in secured areas or compounds; surcharge                                                                                                                          | Each            | \$ | 0.15   |
| 399 | <b>Additional and occasional supplies, materials, equipment and services</b>                                                                                           |                 |    |        |
| 400 | Additional and occasional services Roofing supplies Discount off Retail Price List                                                                                     | % of Discount   |    | 13.70% |
| 401 | HVAC: Alternative Methods of Costing -percent of overhead/markup and profit added to cost                                                                              | % of O/P        |    | 20.00% |
| 402 | HVAC: Discounts Offered Off Alternative Costing Methods (cost plus profit and overhead) Less Rate of Discount                                                          | % of Discount   |    | 6.00%  |
| 403 | HVAC: Multiplier/factor to be applied to the R.S. Means costs                                                                                                          | % to be Applied |    | 93.00% |
| 404 | Cold and bad weather storage - identify extra cost, if any                                                                                                             | Day             | \$ | 0.01   |
| 405 | <b>Deducts and add-ons for in lieu products</b>                                                                                                                        |                 |    |        |
| 406 | Special rented equipment                                                                                                                                               | Day             | \$ | (0.15) |
| 407 | Cold and bad weather application standards                                                                                                                             | Day             | \$ | (0.36) |
| 408 | Cold and bad weather safety                                                                                                                                            | Day             | \$ | 2.36   |
| 409 | Professional Services                                                                                                                                                  | Hour            | \$ | 3.25   |
| 410 | Structural analysis and engineering services                                                                                                                           | Hour            | \$ | 3.09   |
| 411 | Weather day's per Diem                                                                                                                                                 | Day             | \$ | (0.09) |
| 412 | Architect/professional design services                                                                                                                                 | Hour            | \$ | 0.40   |
| 413 | Roofing Consultant                                                                                                                                                     | Hour            | \$ | (0.15) |
| 415 | <b>Value Add</b>                                                                                                                                                       |                 |    |        |
| 416 | Route existing cracks in concrete or masonry                                                                                                                           | LF              | \$ | 0.85   |
| 417 | Prepare concrete by Shot blasting                                                                                                                                      | SF              | \$ | 0.25   |
| 418 | Vertical application of water dispersed VOC compliant silane sealer                                                                                                    | SF              | \$ | 1.49   |
| 419 | Horizontal application of water dispersed VOC compliant silane sealer                                                                                                  | SF              | \$ | 0.60   |
| 420 | Brick, Remove and install new standard brick                                                                                                                           | Each            | \$ | 32.68  |
| 421 | EIFS Repair                                                                                                                                                            | SF              | \$ | 24.23  |
| 422 | Cleaning and Application of Elastomeric Waterproof Membrane to exposed Concrete / Masonry Surface                                                                      | SF              | \$ | 12.98  |
| 423 | <b>Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt</b>                                                |                 |    |        |
| 424 | Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 sq. ft.                                    | SF              | \$ | 1.29   |
| 425 | <b>Installation of new Polyisocyanurate insulation</b>                                                                                                                 |                 |    |        |
| 426 | Mechanically attached                                                                                                                                                  | BF              | \$ | 2.04   |
| 427 | Hot adhered                                                                                                                                                            | BF              | \$ | 1.78   |
| 428 | Cold adhered                                                                                                                                                           | BF              | \$ | 2.71   |
| 429 | <b>Installation of New Sloped Roofing Systems</b>                                                                                                                      |                 |    |        |
| 430 | Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater                                                                   | SF              | \$ | 2.55   |
| 431 | Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater                                                                   | SF              | \$ | 2.88   |
| 432 | Install layer of 30 lb. Felt                                                                                                                                           | SF              | \$ | 0.41   |
| 433 | Synthetic Underlayment                                                                                                                                                 | SF              | \$ | 0.53   |
| 434 | Ridge Vents                                                                                                                                                            | LF              | \$ | 7.13   |
| 435 | <b>TPO 60 mil system installation</b>                                                                                                                                  |                 |    |        |
| 436 | Bonding adhesive                                                                                                                                                       | SF              | \$ | 5.58   |
| 437 | Mechanically attached                                                                                                                                                  | SF              | \$ | 4.68   |
| 438 | <b>Liquid Applied Restoration Systems</b>                                                                                                                              |                 |    |        |
| 439 | Built Up Roof Surface w/ Cold Process White Highly Reflective Adhesive and White Marble Gravel                                                                         | SF              | \$ | 6.30   |
| 440 | High performance, one part moisture triggered, polyurethane coating system with reinforcement                                                                          | SF              | \$ | 16.06  |
| 441 | Two part, bio-based, polyurethane roof coating system                                                                                                                  | SF              | \$ | 14.14  |
| 442 | Two part, bio-based, polyurethane roof coating system, non-reinforced                                                                                                  | SF              | \$ | 12.39  |
| 443 | Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System                                                                                   | SF              | \$ | 14.69  |
| 444 | Two component, high performance, bio-based, polyurethane built-up roof coating system                                                                                  | SF              | \$ | 19.01  |
| 445 | Metal Restoration with Acrylic Coating                                                                                                                                 | SF              | \$ | 9.78   |
| 446 | Metal Restoration with Aluminum Coating                                                                                                                                | SF              | \$ | 5.11   |
| 447 | One Part, Silicone Roof Coating                                                                                                                                        | SF              | \$ | 10.21  |
| 448 | Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer and utilizes nano technology                         | SF              | \$ | 4.84   |
| 449 | Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer and utilizes nano technology w/polyester reinforcing | SF              | \$ | 5.39   |
| 450 | <b>Roof Replacement Systems</b>                                                                                                                                        |                 |    |        |
| 451 | Single ply roof, Ketone Ethylene Ester, 45 mils fully adhered with bonding adhesive                                                                                    | SF              | \$ | 10.19  |

|     |                                                                                                              |       |             |
|-----|--------------------------------------------------------------------------------------------------------------|-------|-------------|
| 452 | Single ply roof, Ketone Ethylene Ester, 60 mils fully adhered with bonding adhesive                          | SF    | \$ 12.58    |
| 453 | Flashing membrane, 1 ply fiberglass and 1 ply modified bitumen fire rated                                    | SF    | \$ 4.05     |
| 454 | Prime Substrate                                                                                              | SF    | \$ 0.39     |
| 455 | <b>Additional Roof Services</b>                                                                              |       |             |
| 456 | Nondestructive (5 x 5) nuclear diagnostics roof scan, up to 50,000 sq. ft.                                   | Each  | \$ 8,199.33 |
| 457 | Additional foot over 50,000 sq. ft.                                                                          | SF    | \$ 0.21     |
| 458 | Nondestructive (10 x 10) nuclear diagnostics roof scan, up to 50,000 sq. ft.                                 | Each  | \$ 4,597.83 |
| 459 | Additional foot over 50,000 sq. ft.                                                                          | SF    | \$ 0.11     |
| 460 | Disaster Response Repairs                                                                                    | %     | 20.00%      |
| 461 | Wet/Dry Vacuum loose aggregate from roof membrane                                                            | SF    | \$ 0.60     |
| 462 | Sweep loose aggregate, debris from Substrate                                                                 | SF    | \$ 0.46     |
| 463 | Roof Cleaning System                                                                                         | SF    | \$ 0.44     |
| 464 | One Tremco Warranty                                                                                          | Quote | Quote       |
| 465 | 2 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                               | Each  | \$ 250.00   |
| 466 | 2 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                                | SF    | \$ 0.03     |
| 467 | 10/12 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                           | Each  | \$ 500.00   |
| 468 | 10/12 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                            | SF    | \$ 0.05     |
| 469 | 15 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                              | Each  | \$ 800.00   |
| 470 | 15 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                               | SF    | \$ 0.08     |
| 471 | 20 Year Basic M/L Restoration Warranty Under 10,000 Square Feet                                              | Each  | \$ 1,200.00 |
| 472 | 20 Year Basic M/L Restoration Warranty Over 10,000 Square Feet                                               | SF    | \$ 0.12     |
| 473 | 5 year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2                                 | Each  | \$ 1,000.00 |
| 474 | 5 year Restoration Warranty Over 10,000 Square Feet, Inspections In Years 2                                  | SF    | \$ 0.10     |
| 475 | 10 year Restoration Warranty Under 10,000 Square Feet, Standard                                              | Each  | \$ 800.00   |
| 476 | 10 year Restoration Warranty Over 10,000 Square Feet, Standard                                               | SF    | \$ 0.08     |
| 477 | 12 Year Restoration Warranty Under 10,000 Square Feet, Standard                                              | Each  | \$ 1,000.00 |
| 478 | 12 Year Restoration Warranty Over 10,000 Square Feet, Standard                                               | SF    | \$ 0.10     |
| 479 | 12 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5 & 10                        | Each  | \$ 2,400.00 |
| 480 | 12 Year Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5 & 10                          | SF    | \$ 0.24     |
| 481 | 15 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15                    | Each  | \$ 3,000.00 |
| 482 | 15 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 & 15                     | SF    | \$ 0.30     |
| 483 | Warranty 15 year option roofs under 10,000 sq ft minimum charge (Standard)                                   | Each  | \$ 1,200.00 |
| 484 | Warranty 15 year option roofs over 10,000 sq ft minimum charge (Standard)                                    | SF    | \$ 0.12     |
| 485 | Warranty 15 year option roofs under 10,000 Square Feet Inspections In Years 2, 5 & 10                        | Each  | \$ 3,000.00 |
| 486 | Warranty 15 year option roofs over 10,000 sq ft with inspections year 2, 5 & 10                              | SF    | \$ 0.30     |
| 487 | 20 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                          | Each  | \$ 4,000.00 |
| 488 | 20 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                           | SF    | \$ 0.40     |
| 489 | 20 Restoration Warranty Under 10,000 Square Feet (Standard)                                                  | Each  | \$ 1,600.00 |
| 490 | 20 Restoration Warranty Over 10,000 Square Feet (Standard)                                                   | SF    | \$ 0.16     |
| 491 | 20 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                     | Each  | \$ 4,000.00 |
| 492 | 20 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                      | SF    | \$ 0.40     |
| 493 | 20 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance | Each  | \$ 1,600.00 |
| 494 | 20 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance  | SF    | \$ 0.16     |
| 495 | 25 Restoration Warranty Under 10,000 Square Feet (Standard)                                                  | Each  | \$ 2,000.00 |
| 496 | 25 Restoration Warranty Over 10,000 Square Feet (Standard)                                                   | SF    | \$ 0.20     |
| 497 | 25 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                          | Each  | \$ 5,000.00 |
| 498 | 25 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                           | SF    | \$ 0.50     |
| 499 | 25 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                     | Each  | \$ 5,000.00 |
| 500 | 25 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15                      | SF    | \$ 0.50     |
| 501 | 25 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)     | Each  | \$ 2,000.00 |
| 502 | 25 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)      | SF    | \$ 0.20     |
| 503 | 30 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)     | Each  | \$ 2,400.00 |
| 504 | 30 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)      | SF    | \$ 0.24     |
| 505 | 30 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10, 15, 20, 25 & 30        | Each  | \$ 6,000.00 |
| 506 | 30 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, (Standard)      | SF    | \$ 0.60     |
| 507 | 30 Restoration Warranty Under 10,000 Square Feet (Standard)                                                  | Each  | \$ 2,400.00 |
| 508 | 30 Restoration Warranty Over 10,000 Square Feet (Standard)                                                   | SF    | \$ 0.24     |
| 509 | 30 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 & 25                  | Each  | \$ 6,000.00 |
| 510 | 30 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 & 25                   | SF    | \$ 0.60     |
| 511 | Warranty Extension 5 yr 5,000 sf or less                                                                     | Each  | \$ 3,499.99 |
| 512 | Warranty Renewal 5 yr 5,000 sf or less                                                                       | Each  | \$ 3,949.99 |
| 513 | Warranty Extension 5 yr 5,001 sf -19,999 sf                                                                  | Each  | \$ 4,999.99 |
| 514 | Warranty Renewal 5 yr 5,001 sf-19,999 sf                                                                     | Each  | \$ 5,699.99 |
| 515 | Warranty Extension 5 yr 20,000 sf-49,999 sf                                                                  | SF    | \$ 0.24     |
| 516 | Warranty Renewal 5 yr 20,000 sf-49,999 sf                                                                    | SF    | \$ 0.29     |

|     |                                                                                                                                                                                           |                 |    |                |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|----------------|
| 517 | Warranty Extension 5 yr 50,000 sf - 99,999 sf                                                                                                                                             | SF              | \$ | 0.24           |
| 518 | Warranty Renewal 5 yr 50,000 sf - 99,999 sf                                                                                                                                               | SF              | \$ | 0.24           |
| 519 | Warranty Extension 5 yr 100,000 sf and greater                                                                                                                                            | SF              | \$ | 0.14           |
| 520 | Warranty Renewal 5 yr 100,000 sf and greater                                                                                                                                              | SF              | \$ | 0.19           |
| 521 | Mileage rate                                                                                                                                                                              | Mile            | \$ | 0.61           |
| 522 | Multiplier/factor to be applied to the R.S. Means costs for the National Cooperative Contractor Network                                                                                   | %               |    | 93.00%         |
| 523 | Multiplier - Building height is greater than 2 stories; equal to or less than 5 stories                                                                                                   | Multiplier      |    | 1.21           |
| 524 | Multiplier - Building height is greater than 5 stories; less equal to or less than 10 stories                                                                                             | Multiplier      |    | 1.52           |
| 525 | Multiplier - Building height is greater than 10 stories                                                                                                                                   | Multiplier      |    | 2.17           |
| 526 | Multiplier - Roof has a large amount of penetrations and roof top obstructions                                                                                                            | Multiplier      |    | 1.73           |
| 527 | Multiplier - Roof is considered non-standard architecture or has a slope of up to or greater than 3:12                                                                                    | Multiplier      |    | 2.17           |
| 528 | Multiplier - Area is greater than or equal to 10,000 and under 20,000 square feet                                                                                                         | %               |    | 15.00%         |
| 529 | Multiplier - Area is greater than or equal to 7,000 and under 10,000 square feet                                                                                                          | %               |    | 18.00%         |
| 530 | Multiplier - Area is greater than or equal to 5,000 and under 7,000 square feet                                                                                                           | %               |    | 20.00%         |
| 531 | Multiplier - Area greater than or equal to 3,000 and under 5,000 square feet                                                                                                              | %               |    | 25.00%         |
| 532 | Multiplier - Area is greater than 1,000 and under 3,000 Square feet                                                                                                                       | %               |    | 28.00%         |
| 533 | Multiplier - Area is less than or equal to 1,000 square feet                                                                                                                              | %               |    | 30.00%         |
| 534 | Multiplier- City, town or county permit fee for construction project local to members location                                                                                            | Multiplier      |    | 1.02           |
| 535 | Multiplier - Working in Metro or Urban areas                                                                                                                                              | Multiplier      |    | 1.2            |
| 536 | Multiplier - Limited/Obstructed/Difficult Roof/Building Access                                                                                                                            | Multiplier      |    | 1.5            |
| 537 | Construction Distributor Material For Repair Work                                                                                                                                         | Multiplier      |    | 1.15           |
| 538 | Emergency Leak Repair per 1/2 Man Day                                                                                                                                                     | Each            | \$ | 1,032.34       |
| 539 | Building/Construction Superintendent                                                                                                                                                      | Hour            | \$ | 205.91         |
| 540 | Building/Construction Manager                                                                                                                                                             | Hour            | \$ | 240.29         |
| 542 | Design & Investigation Services                                                                                                                                                           | Hour            | \$ | 207.90         |
| 545 | Design                                                                                                                                                                                    | Hour            | \$ | 116.81         |
| 551 | DESCRIPTION OF COST FACTORS FROM TABLE F-2                                                                                                                                                |                 |    |                |
| 552 | Per diem rate - meals and lodging per 24 hour period                                                                                                                                      | Day             | \$ | 162.50         |
| 553 | Performance and payment bond - bonding rate (percent of project)                                                                                                                          | %               |    | 0.50%          |
| 554 | Bonding capacity - total amount of capacity available                                                                                                                                     | \$              | \$ | 400,000,000.00 |
| 555 | Alternative methods of costing - percent of overhead/markup to cost                                                                                                                       | %               |    | 20.00%         |
| 556 | Discounts offered of alternative costing methods (cost + profit & overhead) Rate of discount                                                                                              | %               |    | 6.00%          |
| 557 | R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates                                                                                                                   | %               |    | 91.00%         |
| 558 | R.S. Means Multiplier/Factor - Out Side of Normal Hours - Non-Prevailing Wage Rates                                                                                                       | %               |    | 96.00%         |
| 559 | R.S. Means Multiplier/Factor - Normal Hours - Prevailing Wage Rates                                                                                                                       | %               |    | 93.00%         |
| 560 | R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates                                                                                                           | %               |    | 97.00%         |
| 561 | Building Envelope: Multiplier/factor to be applied to the R.S. Means costs                                                                                                                | % to be Applied |    | 93.00%         |
| 562 | Work outside of the continental United State; Coefficient add                                                                                                                             | %               |    | 25.00%         |
| 563 | AIR BARRIER LINE ITEMS                                                                                                                                                                    |                 |    |                |
| 564 | Foam Roof/Wall Intersection - Under 20'                                                                                                                                                   | LF              | \$ | 14.66          |
| 565 | Foam Roof/Wall Intersection - Over 20'                                                                                                                                                    | LF              | \$ | 17.33          |
| 566 | Seal roof top exhaust fan curb mountings                                                                                                                                                  | Each            | \$ | 97.75          |
| 567 | Adding foam board as a filler in large openings, ie: above soffits                                                                                                                        | LF              | \$ | 30.55          |
| 568 | Interior miscellaneous foam application - Under 20'                                                                                                                                       | LF              | \$ | 12.23          |
| 569 | Weatherstrip and install sweep - single commercial door                                                                                                                                   | Set             | \$ | 343.68         |
| 570 | Weatherstrip and install sweep - double commercial door                                                                                                                                   | Set             | \$ | 687.35         |
| 571 | Seal Mechanical Rooms (With wall / roof pipe projections)                                                                                                                                 | Each            | \$ | 636.43         |
| 572 | Seal individual plumbing, pipe or duct                                                                                                                                                    | Each            | \$ | 63.64          |
| 573 | Seal Windows (exterior only, sub-k must provide estimate)                                                                                                                                 | LF              | \$ | 15.28          |
| 574 | Weatherstrip operable wood or aluminum windows with replacement finseal pile or foam tape or vinyl "V" strips                                                                             | LF              | \$ | 5.41           |
| 575 | Weatherstrip steel frame and sash windows with in-situ silicone gasket. 2 trips required                                                                                                  | LF              | \$ | 12.34          |
| 576 | Interior caulking of window and door frames with clear paintable caulk                                                                                                                    | LF              | \$ | 2.80           |
| 577 | Miscellaneous Interior caulking with clear paintable caulk                                                                                                                                | LF              | \$ | 2.80           |
| 578 | Weatherstrip Overhead Garage Doors (12' x12') 48' LF w/rubber fins on bottom. Install face mounted leaf seal product to the bottom face of the door as the thresholds on doors (concrete) | Unit            | \$ | 1,221.94       |
| 579 | Blower Door Testing                                                                                                                                                                       | Day             | \$ | 10,182.81      |
| 580 | Thermography inspection performed during final test and thermography inspection. (Based on 60,000 sq ft. elementary school)                                                               | Day             | \$ | 5,091.41       |
| 581 | Blower Door Directed Air Sealing - Supervision Only                                                                                                                                       | Day             | \$ | 3,818.56       |
| 582 | Building Envelope Assessment                                                                                                                                                              | Day             | \$ | 7,637.11       |
| 583 | IAQ Services                                                                                                                                                                              |                 |    |                |
| 584 | HVAC Air Handling Unit Hygiene & Condition Assessment                                                                                                                                     |                 |    |                |
| 585 | Five (5) Air Handlers or less                                                                                                                                                             | Each            | \$ | 7,125.00       |
| 586 | Each additional Air Handler over five (5)                                                                                                                                                 | Unit            | \$ | 1,187.50       |
| 587 | HVAC Air Handling Unit Hygiene & Condition Assessment Plus Performance Testing of the Unit                                                                                                |                 |    |                |
| 588 | Two (2) Air Handlers or less                                                                                                                                                              | Each            | \$ | 5,937.50       |
| 589 | Each additional Air Handler                                                                                                                                                               | Unit            | \$ | 2,375.00       |
| 590 | Ductwork Hygiene Assessment                                                                                                                                                               |                 |    |                |

|     |                                                                                                                                                                                                                                                  |                     |    |          |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----|----------|
| 591 | Five (5) Representative Duct access locations or less                                                                                                                                                                                            | Each                | \$ | 7,125.00 |
| 592 | Each additional Duct access location over five (5)                                                                                                                                                                                               | Unit                | \$ | 1,187.50 |
| 593 | Additional Laboratory Sampling                                                                                                                                                                                                                   | Each                | \$ | 59.38    |
| 594 | <b>Building Health Check - Indoor Air Quality Investigation</b>                                                                                                                                                                                  |                     |    |          |
| 595 | 10,000 sq ft or less                                                                                                                                                                                                                             | Each                | \$ | 7,125.00 |
| 596 | Each additional sq ft over 10,000 sq ft                                                                                                                                                                                                          | SF                  | \$ | 0.36     |
| 597 | Additional Laboratory Sampling                                                                                                                                                                                                                   | Each                | \$ | 178.13   |
| 598 | <b>Fan Array Retrofit</b>                                                                                                                                                                                                                        |                     |    |          |
| 599 | <b>Fan Array Optimization and Redundancy Installation</b>                                                                                                                                                                                        |                     |    |          |
| 600 | <10,000 CFM Unit                                                                                                                                                                                                                                 | CFM                 | \$ | 20.54    |
| 601 | >10,000 CFM Unit                                                                                                                                                                                                                                 | CFM                 | \$ | 11.50    |
| 602 | Fan Array Material, cost per CFM will depend upon engineering, design, total CFM, static pressure, # fans, amps/volts, size of bulkhead wall, etc.                                                                                               | CFM (Material Only) | \$ | 7.26     |
| 603 | <b>Decontamination Services</b>                                                                                                                                                                                                                  |                     |    |          |
| 604 | Decon Handheld Duct Foggers, daily rate per Units, per Days                                                                                                                                                                                      | Day                 | \$ | 60.49    |
| 605 | Decon Handheld Duct Foggers, weekly rate per Units, per Weeks                                                                                                                                                                                    | Week                | \$ | 189.05   |
| 606 | Decon ESS Tank Foggers, daily rate per Units, per Days                                                                                                                                                                                           | Day                 | \$ | 113.43   |
| 607 | Decon ESS Tank Foggers, weekly rate per Units, per Weeks                                                                                                                                                                                         | Week                | \$ | 567.18   |
| 608 | Decon sanitizer, daily rate per Units, per Days                                                                                                                                                                                                  | Day                 | \$ | 113.43   |
| 609 | Decon sanitizer, weekly rate per Units, per Weeks                                                                                                                                                                                                | Week                | \$ | 567.18   |
| 610 | <b>IAQ Field Work and Report Writing</b>                                                                                                                                                                                                         |                     |    |          |
| 611 | IAQ Diagnostic Tech                                                                                                                                                                                                                              | Hour                | \$ | 176.25   |
| 612 | HVAC/IAQ Specialist                                                                                                                                                                                                                              | Hour                | \$ | 176.64   |
| 613 | Admin Support Technical                                                                                                                                                                                                                          | Hour                | \$ | 81.24    |
| 614 | IAQ HVAC Professional Engineer (PE)                                                                                                                                                                                                              | Hour                | \$ | 226.88   |
| 615 | <b>Video Photo</b>                                                                                                                                                                                                                               |                     |    |          |
| 616 | Infrared Camera, daily rate per Units, per Days                                                                                                                                                                                                  | Day                 | \$ | 378.13   |
| 617 | Infrared Camera, weekly rate per Units, per Weeks                                                                                                                                                                                                | Week                | \$ | 1,815.00 |
| 618 | <b>Duct Cleaning</b>                                                                                                                                                                                                                             |                     |    |          |
| 619 | Duct Cleaning - no encapsulation                                                                                                                                                                                                                 | LF                  | \$ | 24.36    |
| 620 | Duct Cleaning encapsulation                                                                                                                                                                                                                      | LF                  | \$ | 34.36    |
| 621 | Hygienic Disinfection Steam Cleaning                                                                                                                                                                                                             | SF                  | \$ | 58.19    |
| 622 | <b>Anti-Microbial Coating</b>                                                                                                                                                                                                                    |                     |    |          |
| 623 | Anti-Viral, Anti-Microbial Chemical Unit Casing Coating                                                                                                                                                                                          | SF                  | \$ | 67.90    |
| 624 | Zero-Porosity HVAC Insulation System--Non-Wicking Installed                                                                                                                                                                                      | SF                  | \$ | 33.95    |
| 625 | Anti-Viral, Anti-Microbial Liner 2.0 Drain Pan Treatment (>20 sf)                                                                                                                                                                                | SF                  | \$ | 36.88    |
| 626 | Anti-Viral, Anti-Microbia Liner 2.0 Drain Pan Treatment (<20 sf)                                                                                                                                                                                 | SF                  | \$ | 52.50    |
| 627 | <b>Other</b>                                                                                                                                                                                                                                     |                     |    |          |
| 628 | Portable Containment Cubes per Units, per Days                                                                                                                                                                                                   | Day                 | \$ | 343.75   |
| 629 | Portable Containment Cubes per Units, per Weeks                                                                                                                                                                                                  | Week                | \$ | 2,062.50 |
| 630 | Terminal Unit, Reheat Coil, or Fan Coil Cleaning                                                                                                                                                                                                 | SF                  | \$ | 1,902.21 |
| 631 | Coil Replacement                                                                                                                                                                                                                                 | Each                | \$ | 33.95    |
| 632 | Negative Air Machine - 5-6K CFM, daily rate per Units, per Days                                                                                                                                                                                  | Day                 | \$ | 88.11    |
| 633 | Negative Air Machine - 5-6K CFM, weekly rate per Units, per Weeks                                                                                                                                                                                | Week                | \$ | 406.24   |
| 634 | <b>DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR THE FOLLOWING LINES:</b>                                                                                                                                                |                     |    |          |
| 635 | Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations | Day                 | \$ | 1,116.70 |
| 636 | Roof leak investigation                                                                                                                                                                                                                          | Day                 | \$ | 585.94   |
| 637 | Minor roof repair calls                                                                                                                                                                                                                          | Day                 | \$ | 1,230.95 |
| 638 | Labor Rate for Roofer                                                                                                                                                                                                                            | Hour                | \$ | 229.95   |
| 639 | Building / Construction Inspector                                                                                                                                                                                                                | Hour                | \$ | 185.31   |
| 640 | Roof Inspector                                                                                                                                                                                                                                   | Hour                | \$ | 229.95   |
| 641 | Consulting                                                                                                                                                                                                                                       | Hour                | \$ | 75.00    |
| 642 | Design                                                                                                                                                                                                                                           | Hour                | \$ | 111.25   |
| 643 | Installer                                                                                                                                                                                                                                        | Hour                | \$ | 187.10   |
| 644 | Tradesman                                                                                                                                                                                                                                        | Hour                | \$ | 187.10   |
| 645 | Engineering (Electrical)                                                                                                                                                                                                                         | Hour                | \$ | 105.00   |
| 646 | Engineering (Mechanical)                                                                                                                                                                                                                         | Hour                | \$ | 105.00   |
| 647 | Crew Supervision                                                                                                                                                                                                                                 | Hour                | \$ | 120.60   |
| 648 | General Labor                                                                                                                                                                                                                                    | Hour                | \$ | 181.12   |
| 649 | Training                                                                                                                                                                                                                                         | Hour                |    | \$0.00   |