



**CALIFORNIA 1.25 - Prevailing Wage**  
**Effective 02/19/2026**

**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 room 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
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	Built-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
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
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 lens replacement only, clear	SF	\$	3.09
359	Skylight lens 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
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	<b>DESCRIPTION OF COST FACTORS FROM TABLE F-2</b>			
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	<b>AIR BARRIER LINE ITEMS</b>			
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	<b>IAQ Services</b>			
584	<b>HVAC Air Handling Unit Hygiene &amp; Condition Assessment</b>			
585	Five (5) Air Handlers or less	Each	\$	7,125.00
586	Each additional Air Handler over five (5)	Unit	\$	1,187.50
587	<b>HVAC Air Handling Unit Hygiene &amp; Condition Assessment Plus Performance Testing of the Unit</b>			
588	Two (2) Air Handlers or less	Each	\$	5,937.50
589	Each additional Air Handler	Unit	\$	2,375.00
590	<b>Ductwork Hygiene Assessment</b>			
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	\$	216.55
639	Building / Construction Inspector	Hour	\$	185.31
640	Roof Inspector	Hour	\$	216.25
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	\$	164.65
649	Training	Hour		\$0.00