

DETAILED BREAKDOWN OF ITEMS

Prepared for:

Project ID:

Scope:

Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
ELECTRICAL									
	Distribution								
	Conduit								
1	3/4" EMT Conduit	LF	16	10%	18	\$ 9.05	\$ 2.43	\$ 11.48	\$ 201.42
2	1" EMT Conduit	LF	269	10%	296	\$ 9.05	\$ 3.12	\$ 12.17	\$ 3,605.14
3	1-1/4" EMT Conduit	LF	31	10%	34	\$ 9.05	\$ 3.83	\$ 12.88	\$ 439.06
4	1-1/2" EMT Conduit	LF	8327	10%	9160	\$ 9.05	\$ 2.81	\$ 11.86	\$ 108,616.36
5	2" EMT Conduit	LF	387	10%	426	\$ 12.64	\$ 5.48	\$ 18.12	\$ 7,712.58
6	3" EMT Conduit	LF	332	10%	365	\$ 14.56	\$ 6.70	\$ 21.26	\$ 7,764.85
7	3-1/2" EMT Conduit	LF	60	10%	66	\$ 14.56	\$ 7.25	\$ 21.81	\$ 1,430.82
8	2" RGS Conduit	LF	56	10%	62	\$ 12.64	\$ 8.53	\$ 21.17	\$ 1,304.07
9	1" PVC SCH 40 Conduit	LF	207	10%	228	\$ 12.64	\$ 14.98	\$ 27.62	\$ 6,294.54
10	3" PVC SCH 40 Conduit (Assumed Length)	LF	360	10%	396	\$ 14.56	\$ 14.98	\$ 29.54	\$ 11,697.84
	Conductor								
11	#10 CU THHN/THWN	LF	524	10%	576	\$ 1.98	\$ 0.35	\$ 2.33	\$ 1,341.31
12	#8 CU THHN/THWN	LF	8358	10%	9194	\$ 2.98	\$ 0.63	\$ 3.61	\$ 33,189.34
13	#6 CU THHN/THWN	LF	1666	10%	1833	\$ 3.40	\$ 0.97	\$ 4.37	\$ 8,007.09
14	#3 CU THHN/THWN	LF	33433	10%	36776	\$ 4.65	\$ 1.87	\$ 6.52	\$ 239,811.01
15	#2 CU THHN/THWN	LF	59.64	10%	66	\$ 5.23	\$ 3.95	\$ 9.18	\$ 602.19
16	#1 CU THHN/THWN	LF	688	10%	757	\$ 6.42	\$ 3.22	\$ 9.64	\$ 7,295.55
17	#1 CU THHN/THWN (Assumed Length)	LF	360	10%	396	\$ 6.42	\$ 3.22	\$ 9.64	\$ 3,817.44
18	#1/0 CU THHN/THWN	LF	776	10%	854	\$ 6.42	\$ 3.22	\$ 9.64	\$ 8,228.70
19	#4/0 CU THHN/THWN	LF	640	10%	704	\$ 4.95	\$ 4.56	\$ 9.51	\$ 6,695.04
20	#500 KCMIL CU THHN/THWN	LF	1388	10%	1527	\$ 1.98	\$ 4.98	\$ 6.96	\$ 10,626.53
21	#500 KCMIL CU THHN/THWN (Assumed Length)	LF	1440	10%	1584	\$ 1.98	\$ 4.98	\$ 6.96	\$ 11,024.64
	Lugs								
22	Compression Lugs CU With 1-Hole. #8 CU Wire	EA	170	0%	170	\$ 6.24	\$ 3.46	\$ 9.70	\$ 1,648.15
	Heat Shrink Tubing For #8 CU Wire	EA	170	0%	170	\$ 8.94	\$ 4.38	\$ 13.32	\$ 2,264.40
23	Compression Lug CU With 1-Hole , #6 CU Wire	EA	12	0%	12	\$ 6.24	\$ 4.25	\$ 10.49	\$ 125.82
	Heat Shrink Tubing for #6 CU Wire	EA	12	0%	12	\$ 8.94	\$ 4.38	\$ 13.32	\$ 159.84
24	Compression Lug CU With 1-Hole , #3 CU Wire	EA	576	0%	576	\$ 6.24	\$ 4.98	\$ 11.22	\$ 6,459.84
	Heat Shrink Tubing for #3 CU Wire	EA	576	0%	576	\$ 8.94	\$ 4.38	\$ 13.32	\$ 7,672.32

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
25	Compression Lugs CU With 1-Hole. #2 CU Wire	EA	6	0%	6	\$ 6.24	\$ 5.64	\$ 11.88	\$ 71.25
	Heat Shrink Tubing For #2 CU Wire	EA	6	0%	6	\$ 8.94	\$ 4.38	\$ 13.32	\$ 79.92
26	Compression Lug CU With 1-Hole , #1 CU Wire	EA	56	0%	56	\$ 6.24	\$ 6.87	\$ 13.11	\$ 733.88
	Heat Shrink Tubing for #1 CU Wire	EA	56	0%	56	\$ 8.94	\$ 4.38	\$ 13.32	\$ 745.92
27	Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	104	0%	104	\$ 6.24	\$ 6.87	\$ 13.11	\$ 1,362.92
	Heat Shrink Tubing for #1/0 CU Wire	EA	104	0%	104	\$ 8.94	\$ 4.38	\$ 13.32	\$ 1,385.28
28	Compression Lugs CU With 1-Hole. #4/0 CU Wire	EA	30	0%	30	\$ 6.24	\$ 3.98	\$ 10.22	\$ 306.45
	Heat Shrink Tubing For #4/0 CU Wire	EA	30	0%	30	\$ 8.94	\$ 4.38	\$ 13.32	\$ 399.60
29	Compression Lug CU With 1-Hole , #500 KCMIL CU Wire	EA	32	0%	32	\$ 6.24	\$ 2.67	\$ 8.91	\$ 284.96
	Heat Shrink Tubing for #500 KCMIL CU Wire	EA	32	0%	32	\$ 8.94	\$ 4.38	\$ 13.32	\$ 426.24
	Circuit Breaker								
30	1P/20A Breaker	EA	549	0%	549	\$ 32.80	\$ 6.46	\$ 39.26	\$ 21,553.74
31	1P/30A Breaker	EA	2	0%	2	\$ 32.80	\$ 15.88	\$ 48.68	\$ 97.36
32	2P/20A Breaker	EA	90	0%	90	\$ 42.65	\$ 15.88	\$ 58.53	\$ 5,267.70
33	2P/30A Breaker	EA	25	0%	25	\$ 42.65	\$ 15.88	\$ 58.53	\$ 1,463.25
34	3P/15A Breaker	EA	1	0%	1	\$ 56.42	\$ 57.43	\$ 113.85	\$ 113.85
35	3P/20A Breaker	EA	5	0%	5	\$ 56.42	\$ 57.43	\$ 113.85	\$ 569.25
36	3P/25A Breaker	EA	1	0%	1	\$ 56.42	\$ 57.43	\$ 113.85	\$ 113.85
37	3P/30A Breaker	EA	2	0%	2	\$ 56.42	\$ 57.43	\$ 113.85	\$ 227.70
38	3P/40A Breaker	EA	1	0%	1	\$ 56.42	\$ 57.43	\$ 113.85	\$ 113.85
39	3P/50A Breaker	EA	2	0%	2	\$ 56.42	\$ 57.43	\$ 113.85	\$ 227.70
40	3P/60A Breaker	EA	1	0%	1	\$ 56.42	\$ 57.43	\$ 113.85	\$ 113.85
41	3P/100A Breaker	EA	3	0%	3	\$ 56.42	\$ 59.45	\$ 115.87	\$ 347.61
42	3P/110A Breaker	EA	1	0%	1	\$ 56.42	\$ 59.45	\$ 115.87	\$ 115.87
43	3P/125A Breaker	EA	5	0%	5	\$ 56.42	\$ 59.45	\$ 115.87	\$ 579.35
44	3P/150A Breaker	EA	12	0%	12	\$ 56.42	\$ 59.45	\$ 115.87	\$ 1,390.44
45	3P/200A Breaker	EA	1	0%	1	\$ 56.42	\$ 59.45	\$ 115.87	\$ 115.87
46	3P/225A Breaker	EA	3	0%	3	\$ 56.42	\$ 59.45	\$ 115.87	\$ 347.61
47	3P/400A Breaker	EA	1	0%	1	\$ 56.42	\$ 59.45	\$ 115.87	\$ 115.87
48	3P/600A Breaker	EA	4	0%	4	\$ 56.42	\$ 59.45	\$ 115.87	\$ 463.48
49	3P/600A MCB	EA	2	0%	2	\$ 56.42	\$ 46.79	\$ 103.21	\$ 206.42
50	3P/2500A MCB	EA	1	0%	1	\$ 56.42	\$ 43.26	\$ 99.68	\$ 99.68
	Panel								
51	Panel 1A1: 125A, 208/120V, 3Ph, 4W, Mains: MLO, 22KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,214.00	\$ 125.46	\$ 2,339.46	\$ 2,339.46
52	Panel 1A2: 125A, 208/120V, 3Ph, 4W, Mains: MLO, 22KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,214.00	\$ 125.46	\$ 2,339.46	\$ 2,339.46

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
53	Panel 1A3: 225A, 208/120V, 3Ph, 4W, Mains: MLO, 22KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,865.00	\$ 188.00	\$ 3,053.00	\$ 3,053.00
54	Panel 1A4: 225A, 208/120V, 3Ph, 4W, Mains: MLO, 22KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,865.00	\$ 188.00	\$ 3,053.00	\$ 3,053.00
55	Panel 1A5: 125A, 208/120V, 3Ph, 4W, Mains: MLO, 22KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,214.00	\$ 125.46	\$ 2,339.46	\$ 2,339.46
56	Panel 2A1: 100A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 24 Poles, Surface Mounted	EA	1	0%	1	\$ 2,139.00	\$ 118.00	\$ 2,257.00	\$ 2,257.00
57	Panel 2A2: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
58	Panel 2A3: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
59	Panel 2A4: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
60	Panel 2A5, 3A5, 4A5: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
61	Panel 2A6: 125A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 30 Poles, Surface Mounted	EA	1	0%	1	\$ 2,214.00	\$ 125.46	\$ 2,339.46	\$ 2,339.46
62	Panel 3A1: 100A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 24 Poles, Surface Mounted	EA	1	0%	1	\$ 2,139.00	\$ 118.00	\$ 2,257.00	\$ 2,257.00
63	Panel 3A2: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
64	Panel 3A3: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
65	Panel 3A4: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
66	Panel 3A5: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
67	Panel 4A2: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
68	Panel 4A3: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
69	Panel 4A4: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
70	Panel 4A5: 150A, 208/120V, 3Ph, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,456.00	\$ 166.42	\$ 2,622.42	\$ 2,622.42
71	Panel DP-2: 600A, 208/120V, 3Ph, 4W, Mains: MCB, 22KAIC, 18 Poles, Surface Mounted, Square D, I-Line	EA	1	0%	1	\$ 3,654.00	\$ 532.46	\$ 4,186.46	\$ 4,186.46

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
72	Panel DP-3: 600A, 208/120V, 3Ph, 4W, Mains: MCB, 22KAIC, 18 Poles, Surface Mounted, Square D, I-Line	EA	1	0%	1	\$ 3,654.00	\$ 532.46	\$ 4,186.46	\$ 4,186.46
73	Panel DP-4: 600A, 208/120V, 3Ph, 4W, Mains: MCB, 22KAIC, 18 Poles, Surface Mounted, Square D, I-Line	EA	1	0%	1	\$ 3,654.00	\$ 532.46	\$ 4,186.46	\$ 4,186.46
74	Panel L: 225A, 208/120V, 3Ph, 4W, Mains: MLO, 42KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,865.00	\$ 188.00	\$ 3,053.00	\$ 3,053.00
75	Panel MDP: 2500A, 208/120V, 3Ph, 4W, Mains: MCB, 42KAIC, 42 Poles, Surface Mounted, SQ.D. - Switchboard, I-Line With TVSS	EA	1	0%	1	\$ 4,623.00	\$ 865.46	\$ 5,488.46	\$ 5,488.46
76	Panel OL: 125A, 208/120V, 3Ph, 4W, Mains: MLO, 42KAIC, 42 Poles, Surface Mounted	EA	1	0%	1	\$ 2,214.00	\$ 125.46	\$ 2,339.46	\$ 2,339.46
77	Panel R1: 400A, 208/120V, 3Ph, 4W, Mains: MLO, 30K AIC, 36 Poles, Surface Mounted, NEMA - 3R	EA	1	0%	1	\$ 3,354.00	\$ 456.78	\$ 3,810.78	\$ 3,810.78
	Devices								
78	3P/1600A Disconnect Switch	EA	1	0%	1	\$ 75,062.00	\$ 8,065.30	\$ 83,127.30	\$ 83,127.30
79	Pad Mounted Transformer	EA	1	0%	1	\$ 3,936.00	\$ 14,500.00	\$ 18,436.00	\$ 18,436.00
	Disconnect Switch								
80	1P/20A Disconnect Switch	EA	10	0%	10	\$ 51.74	\$ 126.26	\$ 178.00	\$ 1,780.00
81	1P/20A Disconnect Switch (Assumed)	EA	9	0%	9	\$ 51.74	\$ 126.26	\$ 178.00	\$ 1,602.00
82	1P/20A Disconnect Switch (Assumed)	EA	3	0%	3	\$ 51.74	\$ 126.26	\$ 178.00	\$ 534.00
83	2P/20 Disconnect Switch, NEMA 3R	EA	4	0%	4	\$ 51.74	\$ 130.58	\$ 182.32	\$ 729.28
84	2P/30A Disconnect Switch	EA	2	0%	2	\$ 51.74	\$ 130.58	\$ 182.32	\$ 364.64
85	3P/15A Disconnect Switch, NEMA 3R	EA	1	0%	1	\$ 51.74	\$ 130.58	\$ 182.32	\$ 182.32
86	3P/20A Disconnect Switch	EA	3	0%	3	\$ 51.74	\$ 130.58	\$ 182.32	\$ 546.96
87	3P/30A Disconnect Switch NEMA 3R	EA	2	0%	2	\$ 51.74	\$ 130.58	\$ 182.32	\$ 364.64
88	3P/40A Disconnect Switch	EA	1	0%	1	\$ 51.74	\$ 130.58	\$ 182.32	\$ 182.32
89	3P/60A Disconnect Switch	EA	2	0%	2	\$ 51.74	\$ 130.58	\$ 182.32	\$ 364.64
90	3P/60A Fire Pump Control Disconnect Switch	EA	1	0%	1	\$ 51.74	\$ 130.58	\$ 182.32	\$ 182.32
91	3P/125A Disconnect Switch, NEMA 3R	EA	1	0%	1	\$ 51.74	\$ 140.36	\$ 192.10	\$ 192.10
92	3P/200A Disconnect Switch, NEMA 3R	EA	1	0%	1	\$ 51.74	\$ 140.36	\$ 192.10	\$ 192.10
	Grounding								
93	5/8" x 10' Ground Rod	EA	1	0%	1	\$ 36.45	\$ 20.94	\$ 57.39	\$ 57.39
94	#6 Grounding Wire (Assumed Length)	LF	80	10%	88	\$ 36.45	\$ 1.55	\$ 38.00	\$ 3,344.00
95	#3/0 Grounding Wire (Assumed Length)	LF	30	10%	33	\$ 36.45	\$ 1.66	\$ 38.11	\$ 1,257.63
	Power								
	Conduit								
96	3/4" EMT Conduit	LF	20992	10%	23091	\$ 9.05	\$ 2.43	\$ 11.48	\$ 265,086.98
97	3/4" RGS Conduit	LF	364	10%	400	\$ 12.43	\$ 4.23	\$ 16.66	\$ 6,670.66

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Conductor								
98	3#12 MC Cable	LF	3504	10%	3854	\$ 1.98	\$ 1.21	\$ 3.19	\$ 12,295.54
99	3#10 MC Cable	LF	1350	10%	1485	\$ 2.64	\$ 2.35	\$ 4.99	\$ 7,408.34
100	#12 CU THHN/THWN	LF	26022	10%	28624	\$ 1.98	\$ 0.27	\$ 2.25	\$ 64,404.45
101	#10 CU THHN/THWN	LF	38046	10%	41851	\$ 2.64	\$ 0.35	\$ 2.99	\$ 125,009.37
	Device								
102	20A Receptacle	EA	2	0%	2	\$ 15.65	\$ 3.78	\$ 19.43	\$ 38.86
103	20A Receptacle, GFCI	EA	1	0%	1	\$ 18.64	\$ 20.17	\$ 38.81	\$ 38.81
104	30A Special Receptacle	EA	69	0%	69	\$ 15.65	\$ 7.98	\$ 23.63	\$ 1,630.47
105	Above Counter Isolated Ground Duplex Receptacle	EA	2	0%	2	\$ 15.65	\$ 2.98	\$ 18.63	\$ 37.26
106	Dedicated Duplex Receptacle, GFCI	EA	69	0%	69	\$ 18.64	\$ 26.17	\$ 44.81	\$ 3,091.89
107	Dedicated Duplex Receptacle	EA	15	0%	15	\$ 15.65	\$ 29.46	\$ 45.11	\$ 676.65
108	Duplex Receptacle	EA	913	0%	913	\$ 15.65	\$ 0.94	\$ 16.59	\$ 15,146.67
109	Duplex Receptacle WP, GFCI	EA	6	0%	6	\$ 18.64	\$ 26.17	\$ 44.81	\$ 268.86
110	Duplex Receptacle, GFCI	EA	88	0%	88	\$ 18.64	\$ 20.33	\$ 38.97	\$ 3,429.36
111	Duplex Receptacle, provided By Millwork	EA	8	0%	8	\$ 15.65	\$ 20.33	\$ 35.98	\$ 287.84
112	Equipment Connection	EA	43	0%	43	\$ 15.65	\$ 12.38	\$ 28.03	\$ 1,205.29
113	Isolated Ground Duplex Receptacle	EA	1	0%	1	\$ 15.65	\$ 12.16	\$ 27.81	\$ 27.81
114	POP - UP Duplex Receptacle	EA	4	0%	4	\$ 15.65	\$ 46.67	\$ 62.32	\$ 249.28
115	Quadplex Receptacle	EA	44	0%	44	\$ 15.65	\$ 36.48	\$ 52.13	\$ 2,293.72
116	Quadplex Receptacle, Provided By Millwork	EA	1	0%	1	\$ 15.65	\$ 36.48	\$ 52.13	\$ 52.13
117	Single Pole Switch	EA	233	0%	233	\$ 14.69	\$ 19.78	\$ 34.47	\$ 8,031.51
118	Thermostat	EA	70	0%	70	\$ 12.34	\$ 149.00	\$ 161.34	\$ 11,293.80
	Site Lighting								
	Conduit								
119	1" PVC SCH 40 Conduit	LF	899	10%	988	\$ 9.05	\$ 14.98	\$ 24.03	\$ 23,751.90
120	1" EMT Conduit	LF	82	10%	91	\$ 9.05	\$ 3.12	\$ 12.17	\$ 1,103.45
	Conductor								
121	#10 CU THHN/THWN	LF	981	10%	1079	\$ 1.98	\$ 0.35	\$ 2.33	\$ 2,511.11
122	#8 CU THHN/THWN	LF	1962	10%	2158	\$ 2.98	\$ 0.63	\$ 3.61	\$ 7,791.04
	Lighting Fixtures								
123	Z64 : Exterior Site Head Type Iv •Finish: Dark Platinum , EATON-LUMARK , KPRV A40-D-UNV-T4-SADP POLE Z63 143W	EA	13	0%	13	\$ 65.56	\$ 140.65	\$ 206.21	\$ 2,680.73
124	Z63: 25' Pole Square Steel •Finish: Dark Platinum (Aluminum Look) , EATON-LUMARK , SSS-5-A-25-S-L-M-1	EA	7	0%	7	\$ 30.54	\$ 34.47	\$ 65.01	\$ 455.07
	3/4" x 10'-0" Ground Rod (Per Pole)	EA	7	0%	7	\$ 30.54	\$ 12.65	\$ 43.19	\$ 302.33

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	1"x42" Anchor Bolt With 4"x4"x1/2" Plate Washer Welded To Bolt 2" From End	EA	28	0%	28	\$ 8.65	\$ 92.99	\$ 101.64	\$ 2,845.92
125	Z99 : Aluminum 6" Bollard , Grey Flat Top •Reflector: Cone Reflector , PHILIPS HADCO , RF6IKF10N CONCRETE PAD 25W	EA	6	0%	6	\$ 26.54	\$ 175.96	\$ 202.50	\$ 1,215.00
126	Monument Sign	EA	1	0%	1	\$ 75.64	\$ 89.98	\$ 165.62	\$ 165.62
	Lighting								
	Conduit								
127	3/4" EMT Conduit	LF	3989	10%	4388	\$ 9.05	\$ 2.43	\$ 11.48	\$ 50,373.09
128	1" EMT Conduit	LF	224	10%	246	\$ 9.05	\$ 3.12	\$ 12.17	\$ 2,997.48
	Conductor								
129	3#12 MC Cable	LF	2675	10%	2943	\$ 1.98	\$ 1.14	\$ 3.12	\$ 9,180.60
130	3#10 MC Cable	LF	3953	10%	4348	\$ 2.64	\$ 1.14	\$ 3.78	\$ 16,436.57
131	2#8 #10 MC Cable	LF	1998	10%	2198	\$ 1.98	\$ 1.14	\$ 3.12	\$ 6,857.14
132	#12 CU THHN/THWN	LF	3666	10%	4033	\$ 1.98	\$ 0.27	\$ 2.25	\$ 9,073.35
133	#10 CU THHN/THWN	LF	8525	10%	9378	\$ 2.64	\$ 0.35	\$ 2.99	\$ 28,010.96
134	#8 CU THHN/THWN	LF	448	10%	493	\$ 2.98	\$ 0.63	\$ 3.61	\$ 1,778.99
	Lighting Fixtures								
135	001: Explosion Proof Jell LED , EATON -CROUSE HIN , EVLEDBX3C , 003: Underwater Pool Light Lens: Glass , Provided By POOL MANUFACTURER, -- WALL	EA	1	0%	1	\$ 45.65	\$ 415.56	\$ 461.21	\$ 461.21
136	005: "Decoled" Wet Listed Natatorium Rated Fixture With Aluminum Treated Powder-Coat Painted Finish, Stainless Steel Hardware. Etl Approved. 5 Year Warranty Finish: Semi-Gloss White •Lens: Clear Light Grade Acryl, INSIGHT LIGHTING, MLE-DWLED-60-40K-WMINT-1 –W-NAT WALL 120W	EA	13	0%	13	\$ 45.65	\$ 80.95	\$ 126.60	\$ 1,645.80
137	D233: Linear Sconce Installed Horizontally Over Mirror. •Finish: Plated Antique Brass •Lens: White Acrylic , ASHLEY LIGHTING INC. , 71269A-035-F75D HORIZONTAL ON WALL 60W	EA	1	0%	1	\$ 65.45	\$ 129.90	\$ 195.35	\$ 195.35

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
138	B01: 2x2 Lensed "Cruze" Center Basket Troffer •Finish: White •Trim: White •Lens: Ribbed Acrylic Frosted , EATON-MEALUX , 2CZ-LD4-39-UNV-L835-CD1 –U RECESSED ACT 41.3W	EA	9	0%	9	\$ 65.45	\$ 156.95	\$ 222.40	\$ 2,001.60
139	B04; 2x2 Edgelit "Skyridge" Centre Blade Finish: White Trim: White •Lens: High Optical Grade Acrylic Prismatic , RECESSED ACT 23.4	EA	15	0%	15	\$ 65.45	\$ -	\$ 65.45	\$ 981.75
140	B06: 2x4 Recessed Lensed Troffer. A12 Shielding •Finish: White •Trim: White •Lens: Acrylic Prismatic Frosted Lens , EATON-METLUX , 24GR-LD4-72-F1-UNVL835-CD1 –U RECESSED ACT 63.7W	EA	5	0%	5	\$ 45.65	\$ 100.95	\$ 146.60	\$ 733.00
141	B07 : 2x2 Recessed Lensed Troffer. A12 Shielding •Finish: White •Trim: White •Lens: Acrylic Prismatic Frosted Lens , EATON-METLUX , 22GR-LD4-43-F1-UNVL835-CD1 –U RECESSED ACT 50.43W	EA	7	0%	7	\$ 45.65	\$ 100.95	\$ 146.60	\$ 1,026.20
142	B18: 2x2 Lensed "Cruze" Center Basket Troffer. Finish: White Trim: White •Lens: Ribbed Acrylic Frosted , EATON-METLUX , 22CZ-LD4-29-UNV-L835-CD1-u RECESSED ACT 50.43W	EA	4	0%	4	\$ 65.45	\$ 127.70	\$ 193.15	\$ 772.60
143	B19: 2x2 Lensed "Cruze" Center Basket Troffer W/ Surface Mount Kit •Finish: White •Trim: White •Lens: Ribbed Acrylic Frosted , EATON-METL , 22CZ-LD4-39-UNV-L835-CD1 -U, SK-22-WS SURFACE BOX 41.3W	EA	3	0%	3	\$ 65.45	\$ 127.70	\$ 193.15	\$ 579.45

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
144	D229A: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: Grey Aluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5476-00-GREY CEILING 60W	EA	3	0%	3	\$ 50.46	\$ 133.00	\$ 183.46	\$ 550.38
145	D229B: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: Black Aluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5473-00-BLK CEILING 60W	EA	1	0%	1	\$ 50.46	\$ 133.00	\$ 183.46	\$ 183.46
146	D229C: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: Sand Aluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5470-00-SAN CEILING 60W	EA	1	0%	1	\$ 50.46	\$ 133.00	\$ 183.46	\$ 183.46
147	D229D: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: GreyAluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5474-00-GREY CEILING 60W	EA	1	0%	1	\$ 50.46	\$ 133.00	\$ 183.46	\$ 183.46
148	D229E: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: White Aluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5472-00-WHT CEILING 60W	EA	1	0%	1	\$ 50.46	\$ 133.00	\$ 183.46	\$ 183.46
149	D229F: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: Black Aluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5471-00-BLK CEILING 60W	EA	1	0%	1	\$ 50.46	\$ 133.00	\$ 183.46	\$ 183.46

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
150	D229G: Bell Pendant Forming Cluster Of Pendants •Finish: Aluminum, Painted Grey •Lens: Sand Aluminum Shade , CHALLENGER LIGHTING COMPANY, INC. , CA5475-00-SAND CEILING 60W	EA	1	0%	1	\$ 50.46	\$ 133.00	\$ 183.46	\$ 183.46
151	D230: Wall Sconce •Finish: Painted Antique Brass •Lens: Antiique Brass Shade , RESTORATION HARDWARE , 70030726BRSTR WALL 60W	EA	5	0%	5	\$ 65.45	\$ 52.99	\$ 118.44	\$ 592.20
152	D234: Linear Sconce Installed Vertically In Corridor. •Finish: Plated Antique Brass •Lens: White Acrylic , ASHLEY LIGHTING INC. , 71269A-035-F75D Vertical ON WALL 60W	EA	42	0%	42	\$ 65.45	\$ 129.99	\$ 195.44	\$ 8,208.48
153	D236: Wall Sconce With Glass Sides. •Finish: Painted Antique Brass With Milk Glass Panels , RESTORATION HARDWAR , 70030732BZMGTR Vertical ON WALL 40W	EA	25	0%	25	\$ 65.45	\$ 149.95	\$ 215.40	\$ 5,385.00
154	Emergency Lights With Battery Operated	EA	38	0%	38	\$ 65.45	\$ 56.95	\$ 122.40	\$ 4,651.20
155	J05: 4' - "Wnled" Surface Mounted Wrap •Finish: Acrylic , EATON-METLUX , 4WNLED-LD4-40SLFUNV- L835-CD1-U SURFACE OR STEM (STEM KIT ORDERED SEPARATE 36W	EA	29	0%	29	\$ 65.45	\$ 133.00	\$ 198.45	\$ 5,755.05
156	J20: 75 Linear Cove Side Mounted Small Profile. No Substitutions •Trim: Alumi , EATON-I/ , 0.03.I.3K.90.101.1.12.1.1 .SA.BK Side 6.12W	EA	12	0%	12	\$ 65.45	\$ 300.00	\$ 365.45	\$ 4,385.40
157	K01: Aylum Sconce Stairwell With Backlight, EATON- CORELITE , JS-LL-3L35-1D-120-SUWA-S SURFACE 32W	EA	20	0%	20	\$ 65.45	\$ 173.80	\$ 239.25	\$ 4,785.00

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
158	R71: MI Downlight Recessed Wall Wash , EATON – HAL , H550ICAT/ML5609930/595WW RECESSED 13.4W	EA	2	0%	2	\$ 65.45	\$ 42.56	\$ 108.01	\$ 216.02
159	R72: Downlight Recessed, EATON – HALO COMMERCIAL , PD620ED010—PDM6A—930—61VH 20.78W	EA	49	0%	49	\$ 45.65	\$ 40.21	\$ 85.86	\$ 4,207.14
160	R73: Downlight Wall Wash , EATON – HALO COMMERCIAL , PD620ED010-PDM6A-930-61WWCWF 20.78W	EA	4	0%	4	\$ 65.45	\$ 42.65	\$ 108.10	\$ 432.40
161	R75: "Portfolio" Downlight Recessed , EATON – PORTFOL , LD6A-15-D010TEERM6A15-930-6LM1 21HHB26 20.4W	EA	89	0%	89	\$ 45.65	\$ 41.23	\$ 86.88	\$ 7,732.32
162	R76 : 4" Gimbal Downlight Light Engine W/ Adjustable Gimbal Light Engine – Small Aperture, EATON – HAL , H457TATE010-ELG406930WH CEILING RECESSED 13W	EA	2	0%	2	\$ 45.65	\$ 46.47	\$ 92.12	\$ 184.24
163	R86: Recessed 4" Downlight Small Aperture , EATON – HALO , H457TATE010—EL406930—TL410H MILLWORK/CEILING RECESSED	EA	88	0%	88	\$ 45.65	\$ 46.47	\$ 92.12	\$ 8,106.56
164	R87: Downlight 6" Aperture , EATON – HALO COMMERCIAL , PD615ED010-PDM6A-930-61VH 17.1 W	EA	8	0%	8	\$ 45.65	\$ 26.97	\$ 72.62	\$ 580.96
165	R99: 4.5" MI Downlight •Trim: Black •Reflector: Black , EATON – HALO , ML4D09NFL930E-TL41RMB-H995ICAT CEILING RECESSED 12.1 W	EA	32	0%	32	\$ 45.65	\$ 58.37	\$ 104.02	\$ 3,328.64
166	R100: 4.5" MI Asymmetric Wall Washer •Trim: Black •Reflector: Black , EATON – HALO , ML4D09NFL930ETIR50AQQ25TL41RMBH995ICAT CEILING RECESSED 12.1 W	EA	3	0%	3	\$ 65.45	\$ 58.37	\$ 123.82	\$ 371.46

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
167	X01: Die Cast Aluminum Exterior Emergency Exit Light Sign With Battery Back Up, EATON – SURELITES , CX7 (INCLUDES BATTERY BACKUP)SELECT SINGLE, DOUBLE SIDED OPTIONS 1W	EA	7	0%	7	\$ 65.45	\$ 138.38	\$ 203.83	\$ 1,426.81
168	X02: DIE CAST ALUMINUM EXIT SIGN - NO BATTERY BACK UP , EATON – SURELITES , CX6 (NO BATTERY BACUP) SURFACE 1W	EA	6	0%	6	\$ 65.45	\$ 180.65	\$ 246.10	\$ 1,476.60
169	Z01: "CROSSTOUR" With Landscape Flood Kit, Knuckle Mount , EATON – LUMAR , XT0R2A-N, XT0RFLD SURFACE 18W	EA	1	0%	1	\$ 65.45	\$ 35.64	\$ 101.09	\$ 101.09
170	Z28: Downlight 6" Recessed Emergency Backup – Wet Location •Trim: Clear , EATON – HALO COMMERCIAL , PD610ED010-IEMPDM6840-61VEMC 12.1 W	EA	2	0%	2	\$ 65.45	\$ 34.44	\$ 99.89	\$ 199.78
171	Z38 : Decorative Wet Location Wall Pack Cylindrical Up/Down With Emergency Option , EATON-MCGRAW EDISON , W EDISON , ISC-E01-LED-E1-G2WGM-BBB-XX-U LG (SPECIFICY VOLTAGE 120 OR 277) SURFACE 25W	EA	4	0%	4	\$ 65.45	\$ 153.92	\$ 219.37	\$ 877.48
172	Z71: Downlight Recessed Exterior 6" Aperture, Wet Listed *Finish *Trim: Clear Trim, Clear Flange *Reflector * *Lens: Specular Clear , EATON – HALO COMMERCIAL , PD610ED010-PDM6A840-61VC RECESSED 12.1 W	EA	22	0%	22	\$ 45.65	\$ 32.47	\$ 78.12	\$ 1,718.64
173	Z78 : Downlight Recessed Exterior 6", Wet Listed , EATON – HALO COMMERCIAL , PD620ED010-PDM6A840-61VC RECESSED 20.78 W	EA	12	0%	12	\$ 45.65	\$ 32.47	\$ 78.12	\$ 937.44

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
174	D160 : •Trim: White Ring Pan Rounded Edge •Reflector: Smooth White Dome With Polycarbonat Lens , PROGRESS LIGHTING , P8222-28/30K9-AC1 -LI 0 CEILING 17W	EA	69	0%	69	\$ 65.45	\$ 45.80	\$ 111.25	\$ 7,676.25
175	D235: Round Ceiung Fixture •Finish: Solid Brass Cast •Lens: Brass Shade , Restoration Hardware , 70030733CHRTR CEILING 60W	EA	69	0%	69	\$ 45.65	\$ 69.00	\$ 114.65	\$ 7,910.85
176	R77: 6 " MI Downlight •Finish: Trim: Reflector: White Baffle Lens: , Lens: , EATON – HALO , H2750ICAT—ML5606830—691WB CEILING RECESSED GW	EA	69	0%	69	\$ 45.65	\$ 59.99	\$ 105.64	\$ 7,289.16
	Lighting Control								
177	Photocell Activated Contactor	EA	1	0%	1	\$ 40.84	\$ 16.99	\$ 57.83	\$ 57.83
178	Single Pole Switch	EA	28	0%	28	\$ 40.84	\$ 0.86	\$ 41.70	\$ 1,167.60
179	Single Pole Switch	EA	9	0%	9	\$ 40.84	\$ 0.86	\$ 41.70	\$ 375.30
180	Three Way Diming Switch	EA	4	0%	4	\$ 75.68	\$ 24.97	\$ 100.65	\$ 402.60
181	Three Way Switch	EA	6	0%	6	\$ 75.68	\$ 4.47	\$ 80.15	\$ 480.90
	Fire Alarm								
	Conduit								
182	3/4" EMT Conduit	LF	5367	10%	5904	\$ 9.05	\$ 2.43	\$ 11.48	\$ 67,774.48
	Conductor								
183	#14 CU THHN/THWN	LF	10735	10%	11809	\$ 1.98	\$ 0.24	\$ 2.22	\$ 26,214.87
	Device								
184	Duct Mounted Smoke Detector	EA	9	0%	9	\$ 30.54	\$ 16.54	\$ 47.08	\$ 423.72
185	Electronic Alarm Bell	EA	1	0%	1	\$ 30.54	\$ 7.95	\$ 38.49	\$ 38.49
186	Fire Alarm Auxiliary 30cd	EA	1	0%	1	\$ 30.54	\$ 108.00	\$ 138.54	\$ 138.54
187	Fire Alarm Control Panel	EA	1	0%	1	\$ 30.54	\$ 599.95	\$ 630.49	\$ 630.49
188	Fire Alarm Horn & Strobe Light	EA	3	0%	3	\$ 30.54	\$ 108.00	\$ 138.54	\$ 415.62
189	Fire Alarm Horn With Strobe Light 110cd	EA	1	0%	1	\$ 30.54	\$ 108.00	\$ 138.54	\$ 138.54
190	Fire Alarm Horn With Strobe Light 30cd	EA	10	0%	10	\$ 30.54	\$ 100.45	\$ 130.99	\$ 1,309.90
191	Fire Alarm Horn With Strobe Light 34cd	EA	1	0%	1	\$ 30.54	\$ 104.56	\$ 135.10	\$ 135.10
192	Fire Alarm Horn With Strobe Light 60cd	EA	13	0%	13	\$ 30.54	\$ 106.98	\$ 137.52	\$ 1,787.76
193	Fire Alarm Horn With Strobe Light 95cd	EA	2	0%	2	\$ 30.54	\$ 108.00	\$ 138.54	\$ 277.08
194	Fire Alarm Smoke Detector, Carbon Monoxide Detector	EA	1	0%	1	\$ 30.54	\$ 47.18	\$ 77.72	\$ 77.72
195	Fire Alarm Smoke Detector, Heat Detector	EA	12	0%	12	\$ 30.54	\$ 39.97	\$ 70.51	\$ 846.12

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
196	Fire Alarm Sounder Signal, Smoke Detector	EA	71	0%	71	\$ 30.54	\$ 39.97	\$ 70.51	\$ 5,006.21
197	Fire Alarm Sounder System, Smoke Detector	EA	69	0%	69	\$ 30.54	\$ 39.97	\$ 70.51	\$ 4,865.19
198	Fire Alarm System Sprinkler Flow Switch	EA	21	0%	21	\$ 30.54	\$ 14.97	\$ 45.51	\$ 955.71
199	Fire Alarm Visual Signal, Smoke Alarm/Detector	EA	138	0%	138	\$ 30.54	\$ 39.97	\$ 70.51	\$ 9,730.38
200	Fire Alarm Visual Signal, Smoke Alarm/Detector 15cd	EA	4	0%	4	\$ 30.54	\$ 35.69	\$ 66.23	\$ 264.92
201	Fire Alarm Visual Signal, Smoke Alarm/Detector 60cd	EA	2	0%	2	\$ 30.54	\$ 35.69	\$ 66.23	\$ 132.46
202	Manual Pull Station	EA	15	0%	15	\$ 30.54	\$ 129.00	\$ 159.54	\$ 2,393.10
203	Strobe Light 15cd	EA	10	0%	10	\$ 30.54	\$ 7.98	\$ 38.52	\$ 385.20
	Low Voltage								
	Conduit								
204	3/4" EMT Conduit Up T Ceiling	LF	3874	10%	4261	\$ 9.05	\$ 2.43	\$ 11.48	\$ 48,920.87
	Conductor								
205	CAT6 Cable	LF	9468	10%	10415	\$ 1.98	\$ 0.37	\$ 2.35	\$ 24,474.78
206	Coaxial Cable	LF	3256	10%	3582	\$ 1.98	\$ 0.40	\$ 2.38	\$ 8,524.21
	Device								
207	Above Counter Data Outlet	EA	2	0%	2	\$ 30.54	\$ 13.45	\$ 43.99	\$ 87.98
208	Above Counter Telephone	EA	1	0%	1	\$ 30.54	\$ 33.68	\$ 64.22	\$ 64.22
209	Card Reader in View of Desk	EA	10	0%	10	\$ 24.56	\$ 49.56	\$ 74.12	\$ 741.20
210	Data Outlet	EA	28	0%	28	\$ 30.54	\$ 48.57	\$ 79.11	\$ 2,215.08
211	Data Outlet House Power	EA	1	0%	1	\$ 30.54	\$ 29.75	\$ 60.29	\$ 60.29
212	Data/Telephone Outlet	EA	4	0%	4	\$ 30.54	\$ 13.45	\$ 43.99	\$ 175.96
213	Door Release	EA	1	0%	1	\$ 30.54	\$ 18.87	\$ 49.41	\$ 49.41
214	Duress Alarm Button	EA	1	0%	1	\$ 30.54	\$ 34.99	\$ 65.53	\$ 65.53
215	Intercom	EA	3	0%	3	\$ 30.54	\$ 220.72	\$ 251.26	\$ 753.78
216	Security Camera	EA	2	0%	2	\$ 30.54	\$ 224.50	\$ 255.04	\$ 510.08
217	Telephone Outlet, house Phone	EA	10	0%	10	\$ 30.54	\$ 13.45	\$ 43.99	\$ 439.90
218	TV Outlet	EA	86	0%	86	\$ 30.54	\$ 38.69	\$ 69.23	\$ 5,953.78
219	USB Data Outlet	EA	66	0%	66	\$ 30.54	\$ 30.46	\$ 61.00	\$ 4,026.00
220	USB Telephone Outlet	EA	69	0%	69	\$ 30.54	\$ 33.20	\$ 63.74	\$ 4,398.06
221	Wireless Access point	EA	16	0%	16	\$ 30.54	\$ 99.99	\$ 130.53	\$ 2,088.48
	Miscellaneous								
222	Junction Box	EA	153	0%	153	\$ 30.54	\$ 33.91	\$ 64.45	\$ 9,860.85
223	M in Circle (Legend Not Given)	EA	2	0%	2	\$ -	\$ -	\$ -	\$ -
224	NEMA 3R Junction Box	EA	3	0%	3	\$ 30.54	\$ 41.64	\$ 72.18	\$ 216.54
	Fire Stopping								
225	Caulking Sealant	LS	1	0%	1	\$ 3,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00
	Saw Cut								
226	Saw Cut & Repair Concrete Floor For Conduit Installation	LF	207	0%	207	\$ 3.20	\$ -	\$ 3.20	\$ 662.40

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
	Trenching & Backfilling								
227	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CLF	1796	0%	1796	\$ 3.26	\$ -	\$ 3.26	\$ 5,854.96
								SUBTOTAL	\$ 1,778,975
								OVERHEAD AND PROFIT 6%	\$ 106,738
								INSURANCE 3%	\$ 53,369
								CONTINGENCY 5%	\$ 88,949
								TAX 7%	\$ 124,528
								TOTAL TRADE COST	\$ 2,152,559