www.worldestimating.com

+1 (347) 480 1903

												LABOR RATE		$ 75
SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	UNIT	MATERIAL COST	LABOR RATE	LABOR	UNIT	TOTAL LABOR	LABOR COST	TOTAL COST
	NEW WORK													
DISTRIBUTION														
	CONDUITS													
1	3/4" EMT Conduit	19672	10%	21639.2	FT			$ -	$ 75			-	$ -	$ -
2	3/4" GRS Conduit	1958	10%	2153.8	FT			$ -	$ 75			-	$ -	$ -
3	1" EMT Conduit	2465	10%	2711.863	FT			$ -	$ 75			-	$ -	$ -
4	1-1/2" EMT Conduit	85	10%	93.5	FT			$ -	$ 75			-	$ -	$ -
5	1-1/4" EMT Conduit	845	10%	929.5	FT			$ -	$ 75			-	$ -	$ -
6	2" EMT Conduit	1487	10%	1635.7	FT			$ -	$ 75			-	$ -	$ -
7	2" GRS Conduit	34	10%	37.235	FT			$ -	$ 75			-	$ -	$ -
8	2-1/2" EMT Conduit	397	10%	436.7	FT			$ -	$ 75			-	$ -	$ -
9	3" EMT Conduit	619	10%	680.999	FT			$ -	$ 75			-	$ -	$ -
10	3" PVC SCH 40 Conduit Sleeved by PVC Jacket (PVC jacket shall be thin walled, split, gray PVC; Part # SPT6272; Supplied by Central Steel Fabrication, 1843 South 54th Ave, Cicero, IL 60804-1815)	376	10%	413.688	FT			$ -	$ 75			-	$ -	$ -
11	3-1/2" EMT Conduit	804	10%	884.4	FT			$ -	$ 75			-	$ -	$ -
12	3-1/2" PVC SCH 40 Conduit Sleeved by PVC Jacket (PVC jacket shall be thin walled, split, gray PVC; Part # SPT6272; Supplied by Central Steel Fabrication, 1843 South 54th Ave, Cicero, IL 60804-1815)	1043	10%	1147.3	FT			$ -	$ 75			-	$ -	$ -
13	4" EMT Conduit	191	10%	210.056	FT			$ -	$ 75			-	$ -	$ -
14	4" PVC SCH 40 Conduit Sleeved by PVC Jacket (PVC jacket shall be thin walled, split, gray PVC; Part # SPT6272; Supplied by Central Steel Fabrication, 1843 South 54th Ave, Cicero, IL 60804-1815)	2233	10%	2455.937	FT			$ -	$ 75			-	$ -	$ -
	CONDUCTORS													
15	#12 CU THHN	60158	10%	66173.58	FT			$ -	$ 75			-	$ -	$ -
16	#10 CU THHN	10724	10%	11796.4	FT			$ -	$ 75			-	$ -	$ -
17	#8 CU THHN	4564	10%	5020.169	FT			$ -	$ 75			-	$ -	$ -
18	#6 CU THHN	8665	10%	9532.028	FT			$ -	$ 75			-	$ -	$ -
19	#4 CU THHN	2095	10%	2304.973	FT			$ -	$ 75			-	$ -	$ -
20	#3 CU THHN	1795	10%	1974.621	FT			$ -	$ 75			-	$ -	$ -
21	#1 CU THHN	244	10%	268.4	FT			$ -	$ 75			-	$ -	$ -
22	#1/0 CU THHN	4478	10%	4925.8	FT			$ -	$ 75			-	$ -	$ -
23	#2/0 CU THHN	741	10%	815.1	FT			$ -	$ 75			-	$ -	$ -
24	#3/0 CU THHN	3871	10%	4258.408	FT			$ -	$ 75			-	$ -	$ -
25	#4/0 CU THHN	343	10%	377.421	FT			$ -	$ 75			-	$ -	$ -
26	#250kcmil CU THHN CT Type Cable	356	10%	391.578	FT			$ -	$ 75			-	$ -	$ -
27	#350kcmil CU THHN CT Type Cable	2985	10%	3283.764	FT			$ -	$ 75			-	$ -	$ -
28	#500kcmil CU THHN CT Type Cable	6036	10%	6639.6	FT			$ -	$ 75			-	$ -	$ -
29	#600kcmil CU THHN CT Type Cable	7272	10%	7999.2	FT			$ -	$ 75			-	$ -	$ -
	CIRCUIT BREAKERS													
30	20A 1P	162	0%	162	EA			$ -	$ 75			-	$ -	$ -
31	20A 2P	30	0%	30	EA			$ -	$ 75			-	$ -	$ -
32	20A 3P	76	0%	76	EA			$ -	$ 75			-	$ -	$ -
33	30A 1P	10	0%	10	EA			$ -	$ 75			-	$ -	$ -
34	30A 2P	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
35	30A 3P	22	0%	22	EA			$ -	$ 75			-	$ -	$ -

World Estimating

36	40A 1P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
37	40A 3P	13	0%	13	EA			$ -	$ 75			-	$ -	$ -
38	450A 3P	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
39	50A 2P	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
40	50A 3P	13	0%	13	EA			$ -	$ 75			-	$ -	$ -
41	60A 3P	11	0%	11	EA			$ -	$ 75			-	$ -	$ -
42	70A 2P	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
43	70A 3P	14	0%	14	EA			$ -	$ 75			-	$ -	$ -
44	80A 3P	7	0%	7	EA			$ -	$ 75			-	$ -	$ -
45	90A 3P	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
46	100A 2P	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
47	100A 3P	6	0%	6	EA			$ -	$ 75			-	$ -	$ -
48	125A 3P	10	0%	10	EA			$ -	$ 75			-	$ -	$ -
49	150A 2P	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
50	150A 3P	8	0%	8	EA			$ -	$ 75			-	$ -	$ -
51	200A 2P	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
52	200A 3P	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
53	225A 3P	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
54	250A 3P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
55	300A 3P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
56	350A 3P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
57	400A 3P	9	0%	9	EA			$ -	$ 75			-	$ -	$ -
58	400A 3P LSI Breaker	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
59	600A 3P	7	0%	7	EA			$ -	$ 75			-	$ -	$ -
60	600A 3P LSI Breaker	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
61	800A 3P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
62	800A 3P Molded Case Circuit breaker L.S.I.	7	0%	7	EA			$ -	$ 75			-	$ -	$ -
63	900A 3P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
64	1200A 3P, NEMA 3R Non Fused Disconnect Switch (Owner Supplied Equipment)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
65	1200AF, 3P Molded Case Circuit breaker L.S.I. W/ Arc Fault reduction Mantainance Switch	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
66	1200AF, 3P Molded Case Circuit breaker L.S.I.G W/ Arc Fault reduction Mantainance Switch	6	0%	6	EA			$ -	$ 75			-	$ -	$ -
67	4000AF, 4000AT Molded Case Circuit breaker L.S.I.G W/ Arc Fault reduction Mantainance Switch	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
68	EC shall Swap 40A3P Breaker W/ Spare 90A breaker	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
	SWITCHES AND FUSES													
69	20A 3P Switch and Fuse	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
70	30A 3P Switch and Fuse	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
71	40A 2P Switch and Fuse	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
72	45A 3P Switch and Fuse	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
73	50A 3P Switch and Fuse	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
74	60A 3P Switch and Fuse	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
75	70A 3P Switch and Fuse	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
76	125A 3P Switch and Fuse	5	0%	5	EA			$ -	$ 75			-	$ -	$ -
77	175A 3P Switch and Fuse	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
78	300A 3P Switch and Fuse	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
79	400A 3P Switch And Fuse	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
	PANELS													
80	H1A1: Building Shell Panel (Installation by GC)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
81	H1B1: Building Shell Panel (Installation by GC)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
82	H1C1: Building Shell Panel (Installation by GC)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
83	H1D: Building Shell Panel (Installation by GC)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
84	H1E1: Building Shell Panel (Installation by GC)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
85	H1E2: Building Shell Panel (Installation by GC)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -

World Estimating

86	Injection Area Instrumentation power Panel INJ-IPP-001 : 480V, 1P, 3W, 60HZ, NEMA cLass 1, 225A, 600V, Copper, 65KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
87	Injection Area Power Ditribution Panel -INJ-PDP-001: 480V, 3P, 3W, 60HZ, NEMA cLass 1, 800A, 600V, Copper, 65KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
88	Injection Area Power Ditribution Panel -INJ-PDP-002: 480V, 3P, 3W, 60HZ, NEMA cLass 1, 1200A, 600V, Copper, 65KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
89	Injection Area Power Ditribution Panel -INJ-PDP-003: 480V, 3P, 3W, 60HZ, NEMA cLass 1, 1200A, 600V, Copper, 65KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
90	INJ-PDP-001 Injection Modular IMM-001 Power Distribution	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
91	INJ-PDP-002 Power Distribution panel	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
92	INJ-PDP-003 Injection Molder IMM-003 Power Distribution Panel	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
93	Line 1 Instrumentation Power panel#1 L2-IPP-001: : 480V, 1P, 3W, 60HZ, NEMA cLass 1, 225A, 600V, Copper, 65KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
94	Line 1 Power Distribution Panel -L1-PDP-001: 480V, 4W, 60HZ, NEMA CLASS 1, TYPE 1, 1600A,, 600V, Copper 65KA	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
95	Line 1 Power Distribution Panel -L2-PDP-001: 480V,3P 4W, 60HZ, NEMA CLASS 1, TYPE 1, 1600A,, 600V, Copper 65KA	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
96	Line 1 UPS Power Distribution Panel UPS-PDP-001: 480V,3P 4W, 60HZ, NEMA CLASS 1, TYPE 1, 400A, 600V, Copper 65KA	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
97	Line 2 Area Instrumentation Power Panel #1 L2-IPP-001:	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
98	Line 2 UPS Power Distribution Panel - UPS-PDP-002: 480V, 3P, 4W, 60HZ, NEMA 1 CLass 1, Type 1, 400A, 600V, Copper, 65 KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
99	Main Switchboard MSB-001: NEMA1-480/277V, 3P, 4W, 4000A Bus Tinned Copper, 65KA SCCR (Two Sections)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
100	Main Switchboard MSB-002: NEMA1-480/277V, 3P, 4W, 4000A Bus Tinned Copper, 65KA SCCR (Two Sections)	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
101	Main Switchboard MSB-003: NEMA1-480/277V, 3P, 4W, 4000A Bus Tinned Copper, 65KA SCCR (Two Sections) Installation by Others	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
102	MAINT-PDP-001 Maintainance Area Power Distribution Panel	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
103	Mantainace Area Instrumentation Power Panel MAINT-IPP-001: 120/240VAC, 1P, 3W, 250Frame, 200A Trip, Surface mounted, NEMA1, Supply W/ Isolated Neutral and Sollid Ground, 225A, 10KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
104	Mantainance area Power Distribution Panel MAINT-PDP-001, 480V, 3P, 3W, NEMA Class 1, type1, 400A, 600V, Type1, 65KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
105	Utility Area Instrumentation Power Panel UTIL-IPP-001: 120/240VAC, 1P, 3W, 250Frame, 150A Trip, Surface mounted, NEMA1, Supply W/ Isolated Neutral and Sollid Ground, 225A, 10KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
106	Utility Area Instrumentation Power Panel UTIL-IPP-002: 120/240VAC, 1P, 3W, 250Frame, 150A Trip, Surface mounted, NEMA1, Supply W/ Isolated Neutral and Sollid Ground, 225A, 10KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
107	Utility Area Power Distribution Panel - UTIL-PDP-001: 480V, 3P, 4W, 60HZ, NEMA 1 CLass 1, Type 1, 1200A, 600V, Copper, 65 KAIC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
108	Utility Area Power Motor Control Panel UTIL-MCC-001, 480V, 3P, 3W, NEMA Class 1, type1, 400A, 1200V, Type1, 65KAIC, Enclosure NEMA 12	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
109	Water Process Area Motor Control Center - WP-MCC-001: 480V, 3P, 3W, 60HZ, NEMA 1 Class1, Type 1, 800A, 600V, copper, 65 KAIC, NEMA 12 Enclosure	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
110	WWR-CTRL waste Water Resources Control Panel (By Others, Installation By Others)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
	DEVICES													
111	240kA TVSS (Installation By GC)	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
112	BMM-001-UPS Line 1 Area Blow Molder Main Power UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
113	BMM-002-UPS Line 2 Blowmolder Main Power UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
114	BMV-011-UPS Line 1 Blowmolder Vent Hood- UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -

World Estimating

115	BMV-021-UPS Line 2 Blowmolder vent Hood UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
116	BOC-011-UPS Line 1 Container Conveyer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
117	BOC-021-UPS Line 2 Container Conveyer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
118	FIL-011-UPS Line 1 Filler - UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
119	FIL-0210-UPS Line 2 Filler UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
120	Factory Assembled 480V 1P, 25 KVA transformer, 240/120V	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
121	Factory Assembled 480V 1P, 30 KVA Transformer, 240/120V	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
122	Factory Assembled 480V 1P, 37.5 KVA transformer, 240/120V	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
123	HST-011-UPS Lline 1 Heat Shrink Tunnel #1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
124	HST-021-UPS Line 2 Heat Shrinl Tunnel#1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
125	HST-022-UPS Line 2 Heat Shrink Tunnel #2 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
126	L2-UPS-1 Line 2 UPS 90KW Battery bank	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
127	L2-UPS-2 Line 2 UPS Inverter/Rectifier	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
128	LBL-011-UPS Line 1 Modular Labeller UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
129	LBL-021-UPS Line 2 Modular Labeller UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
130	OEM Package Transformer 480V Delta 400Wye 440KVA	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
131	OEM Variable Frequeny Drive	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
132	Meter Control	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
133	Meter Factory Wired and Installed	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
134	Metering cabinet (Installation by Others)	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
135	PAC-011-UPS Line 1 Pallet Conveyer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
136	PAC-021-UPS Line 2 Conveyer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
137	PAL-011-UPS Line 1 Palletizer#1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
138	PAL-021-UPS Line 2 Palletizer #1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
139	PCN-011-UPS Line 1 Pack Conveyer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
140	PCN-021-UPS Line 2 Pack Conveyer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
141	PKR-011-UPS Line 1 Non Returnable Packer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
142	PKR-021-UPS Line 2 Non Returnable Packer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
143	PKR-022-UPS Line 2 Non Returnable Packer UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
144	Potential Transfromer Factory Wired and Installed	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
145	Primary Motor Load	23	0%	23	EA			$ -	$ 75			-	$ -	$ -
146	RSM-011-UPS Line 1 Multiplereel Storage magazine #1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
147	RSM-021-UPS Line 2 Multiple Reel Storage Magazine #1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
148	RSM-022-UPS Line 2 Multiple Reel Storage Magazine #2 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
149	Shunt Trip (Not Used)	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
150	SM-012-UPS Line 1 Multiple Reel Storage Magazine#2 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
151	STW-011- Stretchwrapper #1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
152	STW-021-UPS Line 2 Stretchwrapper #1 UPS	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
153	Surge Protection Device Integral To MCC	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
154	Transformer 480V delta 400 Wye, 550KVA	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
155	Transformer 480V delta, 240/120V WYE, 15KVA, 1P	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
156	Utility Owned Transformer (T-1) 480Y/277V Secondary (Installation By Others)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
157	Utility Owned Transformer (T-2) 480Y/277V Secondary (Installation By Others)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
158	Utility Owned Transformer (T-3) 480Y/277V Secondary (Installation By Others)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
159	Variable Frequency Drive	8	0%	8	EA			$ -	$ 75			-	$ -	$ -
160	XFM-IMM-102: 480Y 480V WYE, 112.5KVA (Owner Supplied)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
161	XFM-IMM-202: 480Y 480V WYE, 440KVA (Owner Supplied)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
162	XFM-INJ-IPP-001 Injection Area Instrument Power Panel IN-IPP-001	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
163	XFM-L2-IPP-001 Line 2 Area Instrument Power Panel #1	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
164	XFM-MH-CTRL-1: 480V Delta, 240V WYE, 45KVA Transfromer	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
165	XFM-UTIL-IPP-001 Utility Area instrument power Panel#1 UTIl-1PP-001	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
166	XFM-UTIL-IPP-002 Utility Area instrument power Panel#1 UTIl-1PP-002	1	0%	1	EA			$ -	$ 75			-	$ -	$ -

World Estimating

	GROUNDING													
167	#1/0 AWG CU	49	10%	54.406	FT			$ -	$ 75			-	$ -	$ -
168	#2 AWG CU	186	10%	204.336	FT			$ -	$ 75			-	$ -	$ -
169	#4 AWG CU	91	10%	99.814	FT			$ -	$ 75			-	$ -	$ -
170	#6 AWG CU	253	10%	278.102	FT			$ -	$ 75			-	$ -	$ -
171	#8 AWG CU	41	10%	45.463	FT			$ -	$ 75			-	$ -	$ -
172	#4/0 AWG CU (Assumed Length)	200	10%	220	FT			$ -	$ 75			-	$ -	$ -
	CABLE TRAY AND WIREWAY													
172	6" x12" Cable Tray Cooper B-Line, Series 36, Ladder type with 9" rung spacing	122	0%	121.9	EA			$ -	$ 75			-	$ -	$ -
173	6" x24" Cable Tray, Cooper B-Line, Series 36, Ladder type with 9" rung spacing	944	0%	943.85	EA			$ -	$ 75			-	$ -	$ -
174	6"x18" Cable Tray, Cooper B-Line, Series 36, Ladder type with 9" rung spacing	186	0%	186.31	EA			$ -	$ 75			-	$ -	$ -
175	6"x18" Cable Tray, Cooper B-Line, Series 36, Ladder type with 9" rung spacing	43	0%	43.38	EA			$ -	$ 75			-	$ -	$ -
176	6"x36" Cable Tray, Cooper B-Line, Series 36, Ladder type with 9" rung spacing	1480	0%	1480.01	EA			$ -	$ 75			-	$ -	$ -
177	Wireway	2575	10%	2832.5	FT			$ -	$ 75			-	$ -	$ -
DISCONNECT SWITCH														
178	EC Supplied 100A 3P NEMA 4X Fused Disconnect Switch	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
178	EC Supplied 15A 3P Fused Disconnect Switch	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
179	EC Supplied 20A 3P Fused Disconnect Switch	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
180	EC Supplied 7A 3P Fused Disconnect Switch	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
181	Ec Supplied and Installed 30A 3P Fused Disconnet Switch	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
182	EC Supplied Non Fused 100A Safety Disconnect Switch	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
183	EC Supplied Non Fused 30A Disconnect Switch, NEMA 3R	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
184	EC Supplied Non Fused 30A Safety Disconnect Switch	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
185	EC Supplied Non Fused 60A Safety Disconnect Switch	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
186	400A, 3P Fused Disconnect Switch (Owner Supplied Equipment)	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
187	Non Fused Safety Switch 60A Supplied and Installed By EC	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
188	Owner Supplied 100A Non Fused Safety Disconnect Switch, NEMA 4X	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
189	Owner Supplied 200A Non Fused Safety Disconnect Switch	4	0%	4	EA			$ -	$ 75			-	$ -	$ -
190	Owner Supplied 200A Non Fused Safety Disconnect Switch, NEMA 3R	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
191	Owner Supplied 200A Non Fused Safety Disconnect Switch, NEMA 4X	2	0%	2	EA			$ -	$ 75			-	$ -	$ -
192	Owner Supplied 400A 3P Molded Case Circuit Breaker LSI	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
193	Owner Supplied XFM-IMM-101: 480V Delta, 400V Wye 225KVA	1	0%	1	EA			$ -	$ 75			-	$ -	$ -
MISCELLANEOUS														
1	House Keeping Pads Nominal 3-1/2" Thickness.	12	0%	12	EA			$ -	$ 75			-	$ -	$ -
2	3/8" Anchors	48	0%	48	EA			$ -	$ 75			-	$ -	$ -
3	L-Shaped Box For Injection Mezannine	3	0%	3	EA			$ -	$ 75			-	$ -	$ -
												TOTAL MATERIAL COST		**$ -**
												TOTAL MANHOURS' COST		**$ -**
												TOTAL COST		**$ -**
												OVERHEADS & PROFIT	**25%**	**$ -**
													TOTAL BID	**$ -**

SCOPE OF ESTIMATE:

I	**SUPPLY & INSTALLATION**
1	Distribution
2	Disconnect Switches
3	Miscellaneous

World Estimating