

PROJECT:

ADDRESS:

SR. NO.	BID ITEMS DESCRIPTION	BID
BASE BID		
1	GROUNDING	\$ 236,518
2	LIGHTING	\$ 627,299
3	POWER	\$ 703,601
4	SYSTEMS	\$ 167,480
5	HVAC ROOF	\$ 454,584
6	15KV & HVAC POWER CABLE TRAY	\$ 152,786
7	480V POWER CABLE TRAY	\$ 121,048
8	MV DISTRIBUTION	\$ 307,027
9	480V DISTRIBUTION	\$ 802,822
10	GENERAL CONDITIONS	\$ -
TOTAL BASE BID		\$ 3,573,166

NOTE: Please add quotation for Storm Perimeter (HALO) Grounding System, lighting, disconnects, fire alarm devices, armored VFD/tray rated cables, cable tray & its accessories, MV switchgear 800-MES-F505-1 & 800-MES-F405-1, panels, breakers, transformers and generator in green highlighted cell. Labor cost is included in estimate.

Scroll Down For Detailed Breakdown

PROJECT:

ADDRESS:

REV:

0

REV: 0												LABOR RATE		\$ 65	
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															
GROUNDING															
1	3/4" X 10 Ft Ground Rod	52	0%	52	EA	\$ 45.00	E	\$ 2,340.00	\$ 65.00	0.80	E	41.60	\$ 2,704	\$ 5,044	
	Thermoweld Type CR-1	52	0%	52	EA	\$ 25.00	E	\$ 1,300.00	\$ 65.00	0.35	E	18.20	\$ 1,183	\$ 2,483	
2	Ground Bus Bar Assembly 1/4" X 4" X 20"	2	0%	2	EA	\$ 320.00	E	\$ 640.00	\$ 65.00	1.00	E	2.00	\$ 130	\$ 770	
3	Ground Connection To Column (Thermoweld Type CS-3)	112	0%	112	EA	\$ 28.00	E	\$ 3,136.00	\$ 65.00	0.35	E	39.20	\$ 2,548	\$ 5,684	
	1-1/4" PVC SCH. 40 Sleeve With Non Metallic Bushing	112	0%	112	EA	\$ 0.75	E	\$ 84.00	\$ 65.00	0.10	E	11.20	\$ 728	\$ 812	
4	Ground Test Well	1	0%	1	EA	\$ 400.00	E	\$ 400.00	\$ 65.00	2.00	E	2.00	\$ 130	\$ 530	
5	Irreversible Crimp 4-Way Connection (Thermoweld Type CC-4 Connection)	51	0%	51	EA	\$ 32.00	E	\$ 1,632.00	\$ 65.00	0.35	E	17.85	\$ 1,160	\$ 2,792	
6	Irreversible Crimp Tee Connection (Thermoweld Type CC2 Connection)	44	0%	44	EA	\$ 30.00	E	\$ 1,320.00	\$ 65.00	0.35	E	15.40	\$ 1,001	\$ 2,321	
7	Mechanical Connection To Halo Grounding System	16	0%	16	EA	\$ 55.00	E	\$ 880.00	\$ 65.00	0.35	E	5.60	\$ 364	\$ 1,244	
8	Rebar Grounding Connection (Thermoweld Type CRE-2 Connection)	16	0%	16	EA	\$ 28.00	E	\$ 448.00	\$ 65.00	0.35	E	5.60	\$ 364	\$ 812	
	Bare Or Zinc Galv. Reinforcing Bars 1/2" Dia X 20 Ft Length	16	0%	16	EA	\$ 55.00	E	\$ 880.00	\$ 65.00	1.00	E	16.00	\$ 1,040	\$ 1,920	
9	#4/0 Bare Copper For Cable Tray	13395	0%	13395	LF	\$ 5,650.00	M	\$ 75,681.75	\$ 65	34	M	455.43	\$ 29,603	\$ 105,285	
10	Buried #4/0 Stranded Bare CU	6791	10%	7470	LF	\$ 5,650.00	M	\$ 42,207	\$ 65	26	M	194.23	\$ 12,625	\$ 54,832	
11	Storm Perimeter (HALO) Grounding System (1/4" Thick X 2" Wide)	437	10%	481	LF			\$ -	\$ 65	0.15	E	72.09	\$ 4,686	\$ 4,686	
	Quotation For Storm Perimeter (HALO) Grounding System (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -	
TOTAL MATERIAL COST												\$		130,949	
TOTAL LABOR COST												\$		58,266	
TOTAL LABOR HOURS														896	
TOTAL COST												\$		189,215	
OVERHEADS & PROFIT												25%		\$	47,304
TOTAL BID												\$		236,518	
SCOPE OF ESTIMATE:															
I	SUPPLY & INSTALL														
1	Grounding														
II	NOTES														
1	Material prices and labor hours are figured from the accubid database.														
2	Please add quotation for Storm Perimeter (HALO) Grounding System.														
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell. Labor cost is included in estimate.														

PROJECT:

ADDRESS:

REV:

0

													LABOR RATE		\$ 65
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														
	LIGHTING														
	CONDUITS														
1	3/4" EMT Conduit	31155	10%	34271	LF	\$ 114.20	C	\$ 39,137	\$ 65	4	C	1370.82	\$ 89,103	\$ 128,240	
	3/4" CONN SS STL - EMT	468	0%	468	EA	\$ 66.31	C	\$ 310	\$ 65	10	C	46.80	\$ 3,042	\$ 3,352	
	3/4" COUPLING SS STL - EMT	1558	0%	1558	EA	\$ 57.84	C	\$ 901	\$ 65	4	C	62.32	\$ 4,051	\$ 4,952	
	3/4" 1-H STRAP - EMT - STEEL	2077	0%	2077	EA	\$ 24.39	C	\$ 507	\$ 65	5.4	C	112.16	\$ 7,290	\$ 7,797	
	4x 1 1/2" SQ BOX COMB KO	156	0%	156	EA	\$ 404.23	C	\$ 631	\$ 65	23	C	35.88	\$ 2,332	\$ 2,963	
	4" SQ BLANK COVER	156	0%	156	EA	\$ 150.32	C	\$ 234	\$ 65	2.5	C	3.90	\$ 254	\$ 488	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	1558	0%	1558	EA	\$ 9.19	C	\$ 143	\$ 65	6	C	93.48	\$ 6,076	\$ 6,219	
	#10 x 1 P/H SELF-TAP SCREW	1558	0%	1558	EA	\$ 12.42	C	\$ 194	\$ 65	3	C	46.74	\$ 3,038	\$ 3,232	
2	3/4" FMC Conduit	3099	10%	3409	LF	\$ 170.22	C	\$ 5,803	\$ 65	6	C	204.53	\$ 13,295	\$ 19,097	
	CONDUCTOR														
1	#12 CU THHN/THWN-2	26032	10%	28635	LF	\$ 196.00	M	\$ 5,612	\$ 65	5.8	M	165.28	\$ 10,743	\$ 16,356	
2	#10 CU THHN/THWN-2	21693	10%	23862	LF	\$ 276.50	M	\$ 6,598	\$ 65	7.4	M	177.54	\$ 11,540	\$ 18,138	
3	#8 CU THHN/THWN-2	26032	10%	28635	LF	\$ 532.20	M	\$ 15,239	\$ 65	8.4	M	240.53	\$ 15,635	\$ 30,874	
4	#6 CU THHN/THWN-2	34709	10%	38180	LF	\$ 822.30	M	\$ 31,395	\$ 65	10.7	M	407.76	\$ 26,504	\$ 57,900	
	LIGHT FIXTURES														
1	EMR1: TWIN HEAD WEATHER-PROOF REMOTE LAMPS FOR EMERGENCY EGRESS LIGHTING, GRAY, WITH SELF DIAGNOSTICS. MAKE/MODEL: LITHONIA, #ELA-T-QWP-L0309-SD	25	0%	25	EA		E	\$ -	\$ 65.00	0.75	E	18.75	\$ 1,219	\$ 1,219	
2	LA: LED HIGH BAY FIXTURE, 18,000 LUMEN, FROSTED ACRYLIC LENS, OPEN AREA, 5000K COLOR TEMPERATURE, 80CRI, MATE LOCK POWER CONNECTION, NATURAL ALUMINUM HOUSING, WITH MOUNT MOTION SENSOR AND ADJUSTABLE 180° LOOP, Y-FIT WITH SNAP HOOKS MAKE/MODEL: ORION, #HBAC3-C1-OA-UNV-FDXX-850-LFA-ML-MC40-HW-FC008	625	0%	625	EA		E	\$ -	\$ 65.00	1.20	E	750.00	\$ 48,750	\$ 48,750	
	3/8" Stainless Steel Threaded Rod	2500	0%	2500	EA	\$ 16.00	E	\$ 40,000.00	\$ 65.00	0.09	E	225.00	\$ 14,625	\$ 54,625	
	3/16" Aluminum Plate	625	0%	625	EA	\$ 24.00	E	\$ 15,000.00	\$ 65.00	0.15	E	93.75	\$ 6,094	\$ 21,094	
	Fixture Mounting Screws	1875	0%	1875	EA	\$ 55.00	C	\$ 1,031	\$ 65	4	C	75.00	\$ 4,875	\$ 5,906	
	Junction Box	625	0%	625	EA	\$ 404.23	C	\$ 2,526	\$ 65	23	C	143.75	\$ 9,344	\$ 11,870	
	4" SQ BLANK COVER	625	0%	625	EA	\$ 150.32	C	\$ 940	\$ 65	2.5	C	15.63	\$ 1,016	\$ 1,955	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	1250	0%	1250	EA	\$ 9.19	C	\$ 115	\$ 65	6	C	75.00	\$ 4,875	\$ 4,990	
	#10x 1 P/H SELF-TAP SCREW	1250	0%	1250	EA	\$ 12.42	C	\$ 155	\$ 65	3	C	37.50	\$ 2,438	\$ 2,593	
3	LAEM: LED HIGH BAY FIXTURE, 18,000 LUMEN, FROSTED ACRYLIC LENS, OPEN AREA, 5000K COLOR TEMPERATURE, 80CRI, MATE LOCK POWER CONNECTION, NATURAL ALUMINUM HOUSING, WITH MOUNT MOTION SENSOR AND ADJUSTABLE 180° LOOP, Y-FIT WITH SNAP HOOKS MAKE/MODEL: ORION, #HBAC3-C1-OA-UNV-FDXX-850-LFA-ML-MC40-HW-FC008	110	0%	110	EA		E	\$ -	\$ 65.00	1.20	E	132.00	\$ 8,580	\$ 8,580	
	3/8" Stainless Steel Threaded Rod	440	0%	440	EA	\$ 16.00	E	\$ 7,040.00	\$ 65.00	0.09	E	39.60	\$ 2,574	\$ 9,614	
	3/16" Aluminum Plate	110	0%	110	EA	\$ 24.00	E	\$ 2,640.00	\$ 65.00	0.15	E	16.50	\$ 1,073	\$ 3,713	
	Fixture Mounting Screws	330	0%	330	EA	\$ 55.00	C	\$ 182	\$ 65	4	C	13.20	\$ 858	\$ 1,040	
	Junction Box	110	0%	110	EA	\$ 404.23	C	\$ 445	\$ 65	23	C	25.30	\$ 1,645	\$ 2,089	
	4" SQ BLANK COVER	110	0%	110	EA	\$ 150.32	C	\$ 165	\$ 65	2.5	C	2.75	\$ 179	\$ 344	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	220	0%	220	EA	\$ 9.19	C	\$ 20	\$ 65	6	C	13.20	\$ 858	\$ 878	
	#10x 1 P/H SELF-TAP SCREW	220	0%	220	EA	\$ 12.42	C	\$ 27	\$ 65	3	C	6.60	\$ 429	\$ 456	
4	LB: 4"x4", LENSED LED STRIP LIGHT WITH ELECTRONIC LED DRIVER, 4000K COLOR TEMPERATURE, 80CRI, FLAT DIFFUSE LENS, 5000 LUMEN, WITH INTEGRAL PIR OCCUPANCY SENSOR, WHITE MAKE/MODEL: LITHONIA, #CLX-L48-SEF-FDL-MVOLT-EZ1-40K-80CRI-MSD7-WH	94	0%	94	EA		E	\$ -	\$ 65.00	0.95	E	89.30	\$ 5,805	\$ 5,805	
	Junction Box	94	0%	94	EA	\$ 404.23	C	\$ 380	\$ 65	23	C	21.62	\$ 1,405	\$ 1,785	
	4" SQ BLANK COVER	94	0%	94	EA	\$ 150.32	C	\$ 141	\$ 65	2.5	C	2.35	\$ 153	\$ 294	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	188	0%	188	EA	\$ 9.19	C	\$ 17	\$ 65	6	C	11.28	\$ 733	\$ 750	
	#10x 1 P/H SELF-TAP SCREW	188	0%	188	EA	\$ 12.42	C	\$ 23	\$ 65	3	C	5.64	\$ 367	\$ 390	
5	LBEM: 4"x4", LENSED LED STRIP LIGHT WITH ELECTRONIC LED DRIVER, 4000K COLOR TEMPERATURE, 80CRI, FLAT DIFFUSE LENS, 5000 LUMEN, WHITE, WITH INTEGRAL PIR OCCUPANCY SENSOR, SURGE PROTECTION DEVICE AND EMERGENCY BALLAST MAKE/MODEL: LITHONIA, #CLX-L48-SEF-FDL-MVOLT-GZ10-40K-80CRI-E10WLCP-SPD-MSD 7-WH	51	0%	51	EA		E	\$ -	\$ 65.00	0.95	E	48.45	\$ 3,149	\$ 3,149	
	Junction Box	51	0%	51	EA	\$ 404.23	C	\$ 206	\$ 65	23	C	11.73	\$ 762	\$ 969	
	4" SQ BLANK COVER	51	0%	51	EA	\$ 150.32	C	\$ 77	\$ 65	2.5	C	1.28	\$ 83	\$ 160	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	102	0%	102	EA	\$ 9.19	C	\$ 9	\$ 65	6	C	6.12	\$ 398	\$ 407	
	#10x 1 P/H SELF-TAP SCREW	102	0%	102	EA	\$ 12.42	C	\$ 13	\$ 65	3	C	3.06	\$ 199	\$ 212	
6	LEX1: EXIT SIGN, SINGLE SIDE, EXIT SIGN, WHITE THERMOPLASTIC HOUSING WITH RED LETTERS, HIGH OUTPUT LEAD CALCIUM 9.6V BATTERY, AND REMOTE CAPABILITY MAKE/MODEL: LITHONIA, #LHQM-LED-R-HORO	29	0%	29	EA		E	\$ -	\$ 65.00	0.75	E	21.75	\$ 1,414	\$ 1,414	
7	LNEM: 4' LED WALL MOUNT LIGHT FIXTURE, 4000 LUMENS, 4000K COLOR TEMPERATURE WITH OCCUPANCY CENTER AND BATTERY BACK-UP. MAKE/MODEL: LITHONIA, #WL4-40L-EZ1-LP840-MSD7-EL7L	7	0%	7	EA		E	\$ -	\$ 65.00	0.95	E	6.65	\$ 432	\$ 432	
9	SA: LED WALL PACK DIE-CAST ALUMINUM HOUSING, HINGED FRONT FRAME, TEXTURED ARCHITECTURAL BRONZE POWDERCOAT FINISH, ALUMINUM REFLECTOR, FULL CUT-OFF DISTRIBUTION - INDIVIDUAL ACRYLIC LED OPTICS WITH PHOTOCCELL EQUIPPED WITH EMERGENCY BATTERY PACK. MAKE/MODEL: HUBBELL, #LMC-30LU-5K-3-035-1-PC	86	0%	86	EA		E	\$ -	\$ 65.00	1.00	E	86.00	\$ 5,590	\$ 5,590	
8	PA: STANCHION MOUNT LED FIXTURE, 28,000 LUMEN, MVOLT, WIDE GLASS LENS DISTRIBUTION, 4000K COLOR TEMPERATURE, 80CRI, UNIVERSAL MOUNT AND UNIVERSAL ARM, BLACK DURABLE PAINT FINISH MAKE/MODEL: HOLOPHANE, #PXHW-28000LM-WD-MVOLT-40K-80CRI-UNM-DBXD WITH P3US35	6	0%	6	EA		E	\$ -	\$ 65.00	1.00	E	6.00	\$ 390	\$ 390	
	2" Unistrut Strap	18	0%	18	EA	\$ 4.00	E	\$ 72.00	\$ 65.00	12.00	C	2.16	\$ 140	\$ 212	

1-1/2" RGS Conduit	48	0%	48	FT	\$ 608.99	C	\$ 292	\$ 65	8.5	C	4.08	\$ 265	\$ 558
Quotation For Lighting Fixtures (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
TOTAL MATERIAL COST												\$	178,222
TOTAL LABOR COST												\$	323,617
TOTAL LABOR HOURS													4,979
TOTAL COST												\$	501,839
OVERHEADS & PROFIT 25%												\$	125,460
TOTAL BID												\$	627,299
SCOPE OF ESTIMATE:													
I	SUPPLY & INSTALL												
1	Lighting												
II	NOTES												
1	Material prices and labor hours are figured from the accubid database.												
2	Please add quotation for lighting fixtures in green highlighted cell. Labor cost is included in estimate.												
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.												

PROJECT:

ADDRESS:

REV:

0

REV: 0												LABOR RATE		\$ 65
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														
POWER														
CONDUITS														
1	3/4" EMT Conduit	47412	10%	52153	LF	\$ 114.20	C	\$ 59,559	\$ 65	4	C	2086.13	\$ 135,598	\$ 195,157
	3/4" CONN SS STL - EMT	712	0%	712	EA	\$ 66.31	C	\$ 472	\$ 65	10	C	71.20	\$ 4,628	\$ 5,100
	3/4" COUPLING SS STL - EMT	2371	0%	2371	EA	\$ 57.84	C	\$ 1,371	\$ 65	4	C	94.84	\$ 6,165	\$ 7,536
	3/4" 1-H STRAP - EMT - STEEL	3161	0%	3161	EA	\$ 24.39	C	\$ 771	\$ 65	5.4	C	170.69	\$ 11,095	\$ 11,866
	4x 1 1/2" SQ BOX COMB KO	238	0%	238	EA	\$ 404.23	C	\$ 962	\$ 65	23	C	54.74	\$ 3,558	\$ 4,520
	4" SQ BLANK COVER	238	0%	238	EA	\$ 150.32	C	\$ 358	\$ 65	2.5	C	5.95	\$ 387	\$ 745
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2371	0%	2371	EA	\$ 9.19	C	\$ 218	\$ 65	6	C	142.26	\$ 9,247	\$ 9,465
	#10 x 1 P/H SELF-TAP SCREW	2371	0%	2371	EA	\$ 12.42	C	\$ 294	\$ 65	3	C	71.13	\$ 4,623	\$ 4,918
2	1" EMT Conduit	2227	10%	2450	LF	\$ 195.47	C	\$ 4,789	\$ 65	4.8	C	117.60	\$ 7,644	\$ 12,433
	1" CONN SS STL - EMT	45	0%	45	EA	\$ 94.36	C	\$ 42	\$ 65	12	C	5.40	\$ 351	\$ 393
	1" COUPLING SS STL - EMT	112	0%	112	EA	\$ 77.26	C	\$ 87	\$ 65	5	C	5.60	\$ 364	\$ 451
	1" 1-H STRAP - EMT - STEEL	149	0%	149	EA	\$ 37.85	C	\$ 56	\$ 65	5.9	C	8.79	\$ 571	\$ 628
	4 11/16x 2 1/8" SQ BOX 1" KO	23	0%	23	EA	\$ 925.93	C	\$ 213	\$ 65	25	C	5.75	\$ 374	\$ 587
	4 11/16" SQ BLANK COVER	23	0%	23	EA	\$ 811.06	C	\$ 187	\$ 65	2.5	C	0.58	\$ 37	\$ 224
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	112	0%	112	EA	\$ 9.19	C	\$ 10	\$ 65	6	C	6.72	\$ 437	\$ 447
	#10 x 1 P/H SELF-TAP SCREW	112	0%	112	EA	\$ 12.42	C	\$ 14	\$ 65	3	C	3.36	\$ 218	\$ 232
3	1-1/4" EMT Conduit	780	10%	858	LF	\$ 318.69	C	\$ 2,734	\$ 65	5.7	C	48.91	\$ 3,179	\$ 5,913
	1 1/4" ELBOW 90 DEG - EMT	16	0%	16	EA	\$ 1,031.00	C	\$ 165	\$ 65	30	C	4.80	\$ 312	\$ 477
	1 1/4" CONN SS STL - EMT	16	0%	16	EA	\$ 159.41	C	\$ 26	\$ 65	14	C	2.24	\$ 146	\$ 171
	1 1/4" COUPLING SS STL - EMT	39	0%	39	EA	\$ 169.98	C	\$ 66	\$ 65	6.5	C	2.54	\$ 165	\$ 231
	1 1/4" BUSHING - PLASTIC	16	0%	16	EA	\$ 29.56	C	\$ 5	\$ 65	3.9	C	0.62	\$ 41	\$ 45
	1 1/4" 1-H STRAP - EMT - STEEL	39	0%	39	EA	\$ 54.76	C	\$ 21	\$ 65	7	C	2.73	\$ 177	\$ 199
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	39	0%	39	EA	\$ 70.00	C	\$ 27	\$ 65	8	C	3.12	\$ 203	\$ 230
4	3/4" FMC Conduit	345	10%	380	LF	\$ 170.22	C	\$ 646	\$ 65	6	C	22.77	\$ 1,480	\$ 2,126
5	1" FMC Conduit	85	10%	94	LF	\$ 235.00	C	\$ 220	\$ 65	7	C	6.55	\$ 425	\$ 645
6	1-1/4" FMC Conduit	24	10%	26	LF	\$ 320.00	C	\$ 84	\$ 65	8	C	2.11	\$ 137	\$ 222
CONDUCTOR														
1	#12 CU THHN/THWN-2	118997	10%	130897	LF	\$ 196.00	M	\$ 25,656	\$ 65	5.8	M	755.54	\$ 49,110	\$ 74,766
2	#10 CU THHN/THWN-2	27003	10%	29703	LF	\$ 276.50	M	\$ 8,213	\$ 65	7.4	M	220.99	\$ 14,365	\$ 22,577
3	#8 CU THHN/THWN-2	22684	10%	24952	LF	\$ 532.20	M	\$ 13,280	\$ 65	8.4	M	209.60	\$ 13,624	\$ 26,904
4	#6 CU THHN/THWN-2	19362	10%	21298	LF	\$ 822.30	M	\$ 17,513	\$ 65	10.7	M	227.46	\$ 14,785	\$ 32,298
5	#4 CU THHN/THWN-2	6682	10%	7350	LF	\$ 1,239.30	M	\$ 9,109	\$ 65	12.2	M	89.97	\$ 5,848	\$ 14,957
6	#2 CU THHN/THWN-2	3120	10%	3432	LF	\$ 1,947.30	M	\$ 6,683	\$ 65	14.9	M	51.07	\$ 3,319	\$ 10,003
DEVICES														
1	Connection For HAC	2	0%	2	EA		E	\$ -	\$ 65.00	2.00	E	4.00	\$ 260	\$ 260
2	Dock Equipment Installation (Door Operator, Dock Leveller, Dock Lights, Photo Eye)	106	0%	106	EA		E	\$ -	\$ 65.00	3.00	E	318.00	\$ 20,670	\$ 20,670
	Junction Box	106	0%	106	EA	\$ 404.23	C	\$ 428	\$ 65	23	C	24.38	\$ 1,585	\$ 2,013
	4" SQ BLANK COVER	106	0%	106	EA	\$ 150.32	C	\$ 159	\$ 65	2.5	C	2.65	\$ 172	\$ 332
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	212	0%	212	EA	\$ 9.19	C	\$ 19	\$ 65	6	C	12.72	\$ 827	\$ 846
	#10x 1 P/H SELF-TAP SCREW	212	0%	212	EA	\$ 12.42	C	\$ 26	\$ 65	3	C	6.36	\$ 413	\$ 440
3	GFCI Duplex Receptacle	40	0%	40	EA	\$ 1,521.63	C	\$ 609	\$ 65	25	C	10.00	\$ 650	\$ 1,259
	4 x 1 1/2" SQ BOX COMB KO	40	0%	40	EA	\$ 404.23	C	\$ 162	\$ 65	23	C	9.20	\$ 598	\$ 760
	4" SQ 1G PLSTR RING 5/8" RISE	40	0%	40	EA	\$ 258.01	C	\$ 103	\$ 65	2.5	C	1.00	\$ 65	\$ 168
	GROUND SCREW W/ INSUL #12 LEAD	40	0%	40	EA	\$ 138.57	C	\$ 55	\$ 65	3	C	1.20	\$ 78	\$ 133
	#10x 3/4 P/H SELF-TAP SCREW	80	0%	80	EA	\$ 10.75	C	\$ 9	\$ 65	2.8	C	2.24	\$ 146	\$ 154
	1G DUPLEX REC PLATE - STAINLESS STEEL	40	0%	40	EA	\$ 650.00	C	\$ 260	\$ 65	2.7	C	1.08	\$ 70	\$ 330
4	Duplex Receptacle	39	0%	39	EA	\$ 913.25	C	\$ 356	\$ 65	20	C	7.80	\$ 507	\$ 863
	4 x 1 1/2" SQ BOX COMB KO	39	0%	39	EA	\$ 404.23	C	\$ 158	\$ 65	23	C	8.97	\$ 583	\$ 741
	4" SQ 1G PLSTR RING 5/8" RISE	39	0%	39	EA	\$ 258.01	C	\$ 101	\$ 65	2.5	C	0.98	\$ 63	\$ 164
	GROUND SCREW W/ INSUL #12 LEAD	39	0%	39	EA	\$ 138.57	C	\$ 54	\$ 65	3	C	1.17	\$ 76	\$ 130
	#10x 3/4 P/H SELF-TAP SCREW	78	0%	78	EA	\$ 10.75	C	\$ 8	\$ 65	2.8	C	2.18	\$ 142	\$ 150
	1G DUPLEX REC PLATE - STAINLESS STEEL	39	0%	39	EA	\$ 650.00	C	\$ 254	\$ 65	2.7	C	1.05	\$ 68	\$ 322
5	2P 40A NEMA 1 Toggle Disconnect Switch	5	0%	5	EA	\$ 85.00	E	\$ 425.00	\$ 65.00	0.25	E	1.25	\$ 81	\$ 506
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 404.23	C	\$ 20	\$ 65	23	C	1.15	\$ 75	\$ 95
	4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$ 258.01	C	\$ 13	\$ 65	2.5	C	0.13	\$ 8	\$ 21
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$ 138.57	C	\$ 7	\$ 65	3	C	0.15	\$ 10	\$ 17
	#10x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 10.75	C	\$ 1	\$ 65	2.8	C	0.28	\$ 18	\$ 19
6	Duplex Receptacle	166	0%	166	EA	\$ 913.25	C	\$ 1,516	\$ 65	20	C	33.20	\$ 2,158	\$ 3,674
	1G FS Box	166	0%	166	EA	\$ 48.00	E	\$ 7,968.00	\$ 65.00	28.00	C	46.48	\$ 3,021	\$ 10,989
	Stainless Steel Faceplate	166	0%	166	EA	\$ 650.00	C	\$ 1,079	\$ 65	2.7	C	4.48	\$ 291	\$ 1,370
	6" Channel	166	0%	166	EA	\$ 55.00	E	\$ 9,130.00	\$ 65.00	0.20	E	33.20	\$ 2,158	\$ 11,288
	3/4" U-Bolt	332	0%	332	EA	\$ 4.00	E	\$ 1,328.00	\$ 65.00	12.00	C	39.84	\$ 2,590	\$ 3,918
7	WP GFCI Duplex Receptacle	22	0%	22	EA	\$ 1,521.63	C	\$ 335	\$ 65	25	C	5.50	\$ 358	\$ 692
	1G FS Box	22	0%	22	EA	\$ 48.00	E	\$ 1,056.00	\$ 65.00	28.00	C	6.16	\$ 400	\$ 1,456
	6" Channel	22	0%	22	EA	\$ 55.00	E	\$ 1,210.00	\$ 65.00	0.20	E	4.40	\$ 286	\$ 1,496
	3/4" U-Bolt	44	0%	44	EA	\$ 4.00	E	\$ 176.00	\$ 65.00	12.00	C	5.28	\$ 343	\$ 519
	WP Proof Cover	22	0%	22	EA	\$ 1,100.00	C	\$ 242.00	\$ 65.00	6.00	C	1.32	\$ 86	\$ 328
8	Quad Receptacle	50	0%	50	EA	\$ 1,826.00	C	\$ 913	\$ 65	30	C	15.00	\$ 975	\$ 1,888
	2G FS Box	50	0%	50	EA	\$ 64.00	E	\$ 3,200.00	\$ 65.00	32.00	C	16.00	\$ 1,040	\$ 4,240
	Stainless Steel Faceplate	50	0%	50	EA	\$ 850.00	C	\$ 425	\$ 65	2.7	C	1.35	\$ 88	\$ 513
	6" Channel	50	0%	50	EA	\$ 55.00	E	\$ 2,750.00	\$ 65.00	0.20	E	10.00	\$ 650	\$ 3,400
	3/4" U-Bolt	100	0%	100	EA	\$ 4.00	E	\$ 400.00	\$ 65.00	12.00	C	12.00	\$ 780	\$ 1,180
9	Welding Receptacle With Disconnect	2	0%	2	EA	\$ 780.00	E	\$ 1,560.00	\$ 65.00	1.50	E	3.00	\$ 195	\$ 1,755

BID PRICE SCHEDULE													
NO.	DESCRIPTION	QTY	UNIT	PRICE	AMOUNT	QTY	UNIT	PRICE	AMOUNT	QTY	UNIT	PRICE	AMOUNT
	DISCONNECT SWITCH												
1	3P 30A 480V Non Fused NEMA 1 Disconnect	1	0%	1	EA	E	\$	-	\$ 65.00	1.00	E	1.00	\$ 65
2	3P 30A 15A Fused 480V NEMA 1 Disconnect For Dock Unit Heater	47	0%	47	EA	E	\$	-	\$ 65.00	2.50	E	117.50	\$ 7,638
3	3P 90A Non Fused 480V NEMA 1 Disconnect Switch	6	0%	6	EA	E	\$	-	\$ 65.00	1.40	E	8.40	\$ 546
4	3P 30A Non Fused NEMA 1 Disconnect Dock Doors	61	0%	61	EA	E	\$	-	\$ 65.00	1.00	E	61.00	\$ 3,965
	Unistrut Channel	122	0%	122	EA	\$	65.00	E	\$ 7,930.00	\$ 65.00	0.25	E	30.50
	3" RGS Pipe (Each Of 6 Ft)	122	0%	122	EA	\$	105.00	E	\$ 12,810.00	\$ 65.00	0.30	E	36.60
	Quotation For Disconnects (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -
										TOTAL MATERIAL COST		\$ 211,108	
										TOTAL LABOR COST		\$ 351,773	
										TOTAL LABOR HOURS		5,412	
										TOTAL COST		\$ 562,881	
										OVERHEADS & PROFIT		25% \$ 140,720	
										TOTAL BID		\$ 703,601	
SCOPE OF ESTIMATE:													
I	SUPPLY & INSTALL												
1	Power												
II	NOTES												
1	Material prices and labor hours are figured from the accubid database.												
2	Please add quotation for disconnect switches in green highlighted cell. Labor cost is included in estimate.												
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.												
4	EMT is considered for indoor above ground branch circuits.												
5	Flexible conduit is used for final connection of equipment.												

PROJECT:

ADDRESS:

REV:

0

LABOR RATE \$ 65

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															
SYSTEMS															
CONDUITS															
1	3/4" EMT Conduit	16160	10%	17776	LF	\$ 114.20	C	\$ 20,300	\$ 65	4	C	711.04	\$ 46,218	\$ 66,518	
	3/4" CONN SS STL - EMT	243	0%	243	EA	\$ 66.31	C	\$ 161	\$ 65	10	C	24.30	\$ 1,580	\$ 1,741	
	3/4" COUPLING SS STL - EMT	808	0%	808	EA	\$ 57.84	C	\$ 467	\$ 65	4	C	32.32	\$ 2,101	\$ 2,568	
	3/4" 1-H STRAP - EMT - STEEL	1078	0%	1078	EA	\$ 24.39	C	\$ 263	\$ 65	5.4	C	58.21	\$ 3,784	\$ 4,047	
	4x 1 1/2" SQ BOX COMB KO	81	0%	81	EA	\$ 404.23	C	\$ 327	\$ 65	23	C	18.63	\$ 1,211	\$ 1,538	
	4" SQ BLANK COVER	81	0%	81	EA	\$ 150.32	C	\$ 122	\$ 65	2.5	C	2.03	\$ 132	\$ 255	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	808	0%	808	EA	\$ 9.19	C	\$ 74	\$ 65	6	C	48.48	\$ 3,151	\$ 3,225	
	#10 x 1 P/H SELF-TAP SCREW	808	0%	808	EA	\$ 12.42	C	\$ 100	\$ 65	3	C	24.24	\$ 1,576	\$ 1,676	
CONDUITS															
1	#14 CU THHN/THWN-2	68680	10%	75548	LF	\$ 115.60	M	\$ 8,733	\$ 65	5.52	M	417.02	\$ 27,107	\$ 35,840	
DEVICES															
1	FACP	1	0%	1	EA			\$ -	\$ 65.00	6.00	E	6.00	\$ 390	\$ 390	
2	NAC-1	1	0%	1	EA			\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195	
3	NAC-2	1	0%	1	EA			\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195	
4	NAC-3	1	0%	1	EA			\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195	
5	Ceiling Mounted Speaker/Strobe Indicator 177 CD	67	0%	67	EA			\$ -	\$ 65.00	0.95	E	63.65	\$ 4,137	\$ 4,137	
6	Fire Alarm Strobe	5	0%	5	EA			\$ -	\$ 65.00	0.65	E	3.25	\$ 211	\$ 211	
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 404.23	C	\$ 20	\$ 65	23	C	1.15	\$ 75	\$ 95	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	10	0%	10	EA	\$ 9.19	C	\$ 1	\$ 65	6	C	0.60	\$ 39	\$ 40	
	#10x 1 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 12.42	C	\$ 1	\$ 65	3	C	0.30	\$ 20	\$ 21	
7	Manual Pull Station	28	0%	28	EA			\$ -	\$ 65.00	0.65	E	18.20	\$ 1,183	\$ 1,183	
	4 x 1 1/2" SQ BOX COMB KO	28	0%	28	EA	\$ 404.23	C	\$ 113	\$ 65	23	C	6.44	\$ 419	\$ 532	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	56	0%	56	EA	\$ 9.19	C	\$ 5	\$ 65	6	C	3.36	\$ 218	\$ 224	
	#10x 1 P/H SELF-TAP SCREW	56	0%	56	EA	\$ 12.42	C	\$ 7	\$ 65	3	C	1.68	\$ 109	\$ 116	
8	Smoke Detector	2	0%	2	EA			\$ -	\$ 65.00	0.65	E	1.30	\$ 85	\$ 85	
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.23	C	\$ 8	\$ 65	23	C	0.46	\$ 30	\$ 38	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$ 9.19	C	\$ 0	\$ 65	6	C	0.24	\$ 16	\$ 16	
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.42	C	\$ 0	\$ 65	3	C	0.12	\$ 8	\$ 8	
9	Speaker/Strobe Indicator 177 CD	75	0%	75	EA			\$ -	\$ 65.00	0.95	E	71.25	\$ 4,631	\$ 4,631	
	4 x 1 1/2" SQ BOX COMB KO	75	0%	75	EA	\$ 404.23	C	\$ 303	\$ 65	23	C	17.25	\$ 1,121	\$ 1,424	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	150	0%	150	EA	\$ 9.19	C	\$ 14	\$ 65	6	C	9.00	\$ 585	\$ 599	
	#10x 1 P/H SELF-TAP SCREW	150	0%	150	EA	\$ 12.42	C	\$ 19	\$ 65	3	C	4.50	\$ 293	\$ 311	
10	Speaker/Strobe Indicator 40 CD	15	0%	15	EA			\$ -	\$ 65.00	0.75	E	11.25	\$ 731	\$ 731	
	4 x 1 1/2" SQ BOX COMB KO	15	0%	15	EA	\$ 404.23	C	\$ 61	\$ 65	23	C	3.45	\$ 224	\$ 285	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	30	0%	30	EA	\$ 9.19	C	\$ 3	\$ 65	6	C	1.80	\$ 117	\$ 120	
	#10x 1 P/H SELF-TAP SCREW	30	0%	30	EA	\$ 12.42	C	\$ 4	\$ 65	3	C	0.90	\$ 59	\$ 62	
11	Speaker/Strobe Indicator 60 CD	2	0%	2	EA			\$ -	\$ 65.00	0.65	E	1.30	\$ 85	\$ 85	
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.23	C	\$ 8	\$ 65	23	C	0.46	\$ 30	\$ 38	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$ 9.19	C	\$ 0	\$ 65	6	C	0.24	\$ 16	\$ 16	
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.42	C	\$ 0	\$ 65	3	C	0.12	\$ 8	\$ 8	
12	Speaker/Strobe Indicator 75 CD	8	0%	8	EA			\$ -	\$ 65.00	0.65	E	5.20	\$ 338	\$ 338	
	4 x 1 1/2" SQ BOX COMB KO	8	0%	8	EA	\$ 404.23	C	\$ 32	\$ 65	23	C	1.84	\$ 120	\$ 152	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	16	0%	16	EA	\$ 9.19	C	\$ 1	\$ 65	6	C	0.96	\$ 62	\$ 64	
	#10x 1 P/H SELF-TAP SCREW	16	0%	16	EA	\$ 12.42	C	\$ 2	\$ 65	3	C	0.48	\$ 31	\$ 33	
	Quotation For Fire Alarm Devices (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -	
TOTAL MATERIAL COST												\$	31,153		
TOTAL LABOR COST												\$	102,831		
TOTAL LABOR HOURS													1,582		
TOTAL COST												\$	133,984		
OVERHEADS & PROFIT												25%	\$	33,496	
TOTAL BID												\$	167,480		
SCOPE OF ESTIMATE:															
I	SUPPLY & INSTALL														
1	Fire Alarm Devices														
II NOTES															
1	Material prices and labor hours are figured from the accubid database.														
2	Please add quotation for fire alarm devices in green highlighted cell. Labor cost is included in estimate.														
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.														
4	EMT is considered for fire alarm devices.														

PROJECT:

ADDRESS:

REV:

0

REV: 0												LABOR RATE		\$ 65
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														
HVAC ROOF														
CONDUITS														
1	3/4" EMT Conduit	3251	10%	3576	LF	\$ 114.20	C	\$ 4,084	\$ 65	4	C	143.04	\$ 9,298	\$ 13,382
	3/4" CONN SS STL - EMT	49	0%	49	EA	\$ 66.31	C	\$ 32	\$ 65	10	C	4.90	\$ 319	\$ 351
	3/4" COUPLING SS STL - EMT	163	0%	163	EA	\$ 57.84	C	\$ 94	\$ 65	4	C	6.52	\$ 424	\$ 518
	3/4" 1-H STRAP - EMT - STEEL	217	0%	217	EA	\$ 24.39	C	\$ 53	\$ 65	5.4	C	11.72	\$ 762	\$ 815
	4x 1 1/2" SQ BOX COMB KO	17	0%	17	EA	\$ 404.23	C	\$ 69	\$ 65	23	C	3.91	\$ 254	\$ 323
	4" SQ BLANK COVER	17	0%	17	EA	\$ 150.32	C	\$ 26	\$ 65	2.5	C	0.43	\$ 28	\$ 53
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	163	0%	163	EA	\$ 9.19	C	\$ 15	\$ 65	6	C	9.78	\$ 636	\$ 651
	#10 x 1 P/H SELF-TAP SCREW	163	0%	163	EA	\$ 12.42	C	\$ 20	\$ 65	3	C	4.89	\$ 318	\$ 338
2	3/4" RGS Conduit	1939	10%	2133	LF	\$ 309.75	C	\$ 6,607	\$ 65	5	C	106.65	\$ 6,932	\$ 13,539
	3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	39	0%	39	EA	\$ -	C	\$ -	\$ 65	20	C	7.80	\$ 507	\$ 507
	3/4" 1-H STRAP - RMC - MALL	130	0%	130	EA	\$ 112.33	C	\$ 146	\$ 65	5.4	C	7.02	\$ 456	\$ 602
	4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	39	0%	39	EA	\$ 94.02	E	\$ 3,667	\$ 65	0.45	E	17.55	\$ 1,141	\$ 4,808
	COVER ROUND BLANK - CI	39	0%	39	EA	\$ 25.26	E	\$ 985	\$ 65	0.06	E	2.34	\$ 152	\$ 1,137
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	130	0%	130	EA	\$ 9.19	C	\$ 12	\$ 65	6	C	7.80	\$ 507	\$ 519
	#10 x 1 P/H SELF-TAP SCREW	130	0%	130	EA	\$ 12.42	C	\$ 16	\$ 65	3	C	3.90	\$ 254	\$ 270
3	3/4" LFMC Conduit	110	10%	121	LF	\$ 295.00	C	\$ 357	\$ 65	4.95	C	5.99	\$ 389	\$ 746
CONDUCTOR														
1	#14 CU THHN/THWN-2	2708	10%	2979	LF	\$ 115.60	M	\$ 344	\$ 65	5.52	M	16.44	\$ 1,069	\$ 1,413
2	#10 CU THHN/THWN-2	3789	10%	4168	LF	\$ 276.50	M	\$ 1,152	\$ 65	7.4	M	31.01	\$ 2,016	\$ 3,168
3	#8 CU THHN/THWN-2	4039	10%	4443	LF	\$ 532.20	M	\$ 2,365	\$ 65	8.4	M	37.32	\$ 2,426	\$ 4,790
VFD CONDUCTOR														
1	3#12, #12 GND CU Armored VFD/Tray Rated Cable	1873	10%	2060	LF			\$ -	\$ 65	13.5	M	27.81	\$ 1,808	\$ 1,808
2	3#10, #10 GND CU Armored VFD/Tray Rated Cable	6021	10%	6623	LF			\$ -	\$ 65	15.5	M	102.66	\$ 6,673	\$ 6,673
3	4#600, #1/0 GND CU Armored VFD/Tray Rated Cable	27756	10%	30532	LF			\$ -	\$ 65	148.4	M	4530.89	\$ 294,508	\$ 294,508
	Quotation For Armored VFD/Tray Rated Cables (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
DEVICES														
1	Connection For Exhaust Fan	25	0%	25	EA			\$ -	\$ 65.00	1.50	E	37.50	\$ 2,438	\$ 2,438
2	Connection For GFCI Receptacle Supplied With And Powered By HVAC	27	0%	27	EA			\$ -	\$ 65.00	0.20	E	5.40	\$ 351	\$ 351
3	Connection For HCU	27	0%	27	EA			\$ -	\$ 65.00	3.00	E	81.00	\$ 5,265	\$ 5,265
4	WP GFCI Duplex Receptacle	23	0%	23	EA	\$ 1,521.63	C	\$ 350	\$ 65	25	C	5.75	\$ 374	\$ 724
	1G FS Box	23	0%	23	EA	\$ 48.00	E	\$ 1,104.00	\$ 65.00	28.00	C	6.44	\$ 419	\$ 1,523
	6" Channel	23	0%	23	EA	\$ 55.00	E	\$ 1,265.00	\$ 65.00	0.20	E	4.60	\$ 299	\$ 1,564
	3/4" U-Bolt	46	0%	46	EA	\$ 4.00	E	\$ 184.00	\$ 65.00	12.00	C	5.52	\$ 359	\$ 543
	WP Proof Cover	23	0%	23	EA	\$ 1,100.00	C	\$ 253.00	\$ 65.00	6.00	C	1.38	\$ 90	\$ 343
TOTAL MATERIAL COST												\$	23,200	
TOTAL LABOR COST												\$	340,467	
TOTAL LABOR HOURS													5,238	
TOTAL COST												\$	363,667	
OVERHEADS & PROFIT 25%												\$	90,917	
TOTAL BID												\$	454,584	
SCOPE OF ESTIMATE:														
I	SUPPLY & INSTALL													
1	HVAC Roof Power													
II NOTES														
1	Material prices and labor hours are figured from the accubid database.													
2	Please add quotation for armored VFD/tray rated cables in green highlighted cell. Labor cost is included in estimate.													
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.													

PROJECT:

ADDRESS:

REV:

0

REV: 0													LABOR RATE		\$ 65
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															
15KV / HVAC POWER CABLE TRAY															
1	C1: 12in x 6in ALUMINUM LADDER TRAY WITH 6" RUNG SPACING - 20' STRAIGHT SECTION, MAKE/MODEL: B-LINE, 46A-06-12-240	150	0%	150	EA		E	\$ -	\$ 65.00	0.80	E	120.00	\$ 7,800	\$ 7,800	
	SPLICE PLATES, MAKE/MODEL: B-LINE, 9A-1006 (Quantity Assumed)	150	0%	150	EA		E	\$ -	\$ 65.00	0.10	E	15.00	\$ 975	\$ 975	
	EXPANSION SPLICE PLATES, MAKE/MODEL: B-LINE, 9A-1016 (Quantity Assumed)	10	0%	10	EA		E	\$ -	\$ 65.00	0.20	E	2.00	\$ 130	\$ 130	
	VERTICAL ADJUSTABLE SPLICE PLATES - 46A TYPE, MAKE/MODEL: B-LINE, 9A-1026 (Quantity Assumed)	10	0%	10	EA		E	\$ -	\$ 65.00	0.20	E	2.00	\$ 130	\$ 130	
	HORIZONTAL ADJUSTABLE SPLICE PLATES - 46A TYPE, MAKE/MODEL: B-LINE, 9A-FSP6 (Quantity Assumed)	10	0%	10	EA		E	\$ -	\$ 65.00	0.20	E	2.00	\$ 130	\$ 130	
	STAINLESS STEEL TRAY BOLTS, MAKE/MODEL: B-LINE, SNCB-3/8"x3/4" SS6 (Quantity Assumed)	990	0%	990	EA		E	\$ -	\$ 65.00	0.06	E	59.40	\$ 3,861	\$ 3,861	
	STAINLESS STEEL TRAY NUTS, MAKE/MODEL: B-LINE, SFHN-3/8"-16 SS6 (Quantity Assumed)	990	0%	990	EA		E	\$ -	\$ 65.00	0.06	E	59.40	\$ 3,861	\$ 3,861	
	1/2" Threaded Rod (Quantity Assumed)	990	0%	990	EA		E	\$ -	\$ 65.00	0.15	E	148.50	\$ 9,653	\$ 9,653	
	Combination Strut B-LINE B22A (Quantity Assumed)	495	0%	495	EA		E	\$ -	\$ 65.00	0.15	E	74.25	\$ 4,826	\$ 4,826	
	Beam Clamp (Quantity Assumed)	990	0%	990	EA		E	\$ -	\$ 65.00	0.10	E	99.00	\$ 6,435	\$ 6,435	
	Cable Tray Clamp B-LINE 92N-1208 (Quantity Assumed)	990	0%	990	EA		E	\$ -	\$ 65.00	0.10	E	99.00	\$ 6,435	\$ 6,435	
2	C3: 36in x 6in ALUMINUM LADDER TRAY WITH 6" RUNG SPACING - 20' STRAIGHT SECTION, MAKE/MODEL: B-LINE, 46A-06-36-240	230	0%	230	EA		E	\$ -	\$ 65.00	0.80	E	184.00	\$ 11,960	\$ 11,960	
	SPLICE PLATES, MAKE/MODEL: B-LINE, 9A-1006 (Quantity Assumed)	230	0%	230	EA		E	\$ -	\$ 65.00	0.10	E	23.00	\$ 1,495	\$ 1,495	
	EXPANSION SPLICE PLATES, MAKE/MODEL: B-LINE, 9A-1016 (Quantity Assumed)	15	0%	15	EA		E	\$ -	\$ 65.00	0.20	E	3.00	\$ 195	\$ 195	
	VERTICAL ADJUSTABLE SPLICE PLATES - 46A TYPE, MAKE/MODEL: B-LINE, 9A-1026 (Quantity Assumed)	15	0%	15	EA		E	\$ -	\$ 65.00	0.20	E	3.00	\$ 195	\$ 195	
	HORIZONTAL ADJUSTABLE SPLICE PLATES - 46A TYPE, MAKE/MODEL: B-LINE, 9A-FSP6 (Quantity Assumed)	15	0%	15	EA		E	\$ -	\$ 65.00	0.20	E	3.00	\$ 195	\$ 195	
	STAINLESS STEEL TRAY BOLTS, MAKE/MODEL: B-LINE, SNCB-3/8"x3/4" SS6 (Quantity Assumed)	1522	0%	1522	EA		E	\$ -	\$ 65.00	0.06	E	91.32	\$ 5,936	\$ 5,936	
	STAINLESS STEEL TRAY NUTS, MAKE/MODEL: B-LINE, SFHN-3/8"-16 SS6 (Quantity Assumed)	1522	0%	1522	EA		E	\$ -	\$ 65.00	0.06	E	91.32	\$ 5,936	\$ 5,936	
	1/2" Threaded Rod (Quantity Assumed)	1522	0%	1522	EA		E	\$ -	\$ 65.00	0.15	E	228.30	\$ 14,840	\$ 14,840	
	Combination Strut B-LINE B22A (Quantity Assumed)	761	0%	761	EA		E	\$ -	\$ 65.00	0.15	E	114.15	\$ 7,420	\$ 7,420	
	Beam Clamp (Quantity Assumed)	1522	0%	1522	EA		E	\$ -	\$ 65.00	0.10	E	152.20	\$ 9,893	\$ 9,893	
	Cable Tray Clamp B-LINE 92N-1208 (Quantity Assumed)	1522	0%	1522	EA		E	\$ -	\$ 65.00	0.10	E	152.20	\$ 9,893	\$ 9,893	
3	CF1: 12in x 12in ALUMINUM HORIZONTAL TEE WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-12HT36	1	0%	1	EA		E	\$ -	\$ 65.00	0.45	E	0.45	\$ 29	\$ 29	
4	CF2: 12in x 24in ALUMINUM HORIZONTAL TEE WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-24HT36	1	0%	1	EA		E	\$ -	\$ 65.00	0.45	E	0.45	\$ 29	\$ 29	
5	CF3: 12in x 6in ALUMINUM 30 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-30VI36	10	0%	10	EA		E	\$ -	\$ 65.00	0.35	E	3.50	\$ 228	\$ 228	
6	CF4: 12in x 6in ALUMINUM 30 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-30VO36	10	0%	10	EA		E	\$ -	\$ 65.00	0.35	E	3.50	\$ 228	\$ 228	
7	CF5: 12in x 6in ALUMINUM 45 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-45VI36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23	
8	CF6: 12in x 6in ALUMINUM 45 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-45VO36	5	0%	5	EA		E	\$ -	\$ 65.00	0.35	E	1.75	\$ 114	\$ 114	
9	CF7: 12in x 6in ALUMINUM 90 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-90HB36	9	0%	9	EA		E	\$ -	\$ 65.00	0.35	E	3.15	\$ 205	\$ 205	
10	CF8: 12in x 6in ALUMINUM 90 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-90VI36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23	
11	CF9: 12in x 6in ALUMINUM 90 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-12-90VO36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23	
12	CF15: 36in x 6in ALUMINUM 30 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-30HB36	5	0%	5	EA		E	\$ -	\$ 65.00	0.35	E	1.75	\$ 114	\$ 114	
13	CF16: 36in x 6in ALUMINUM 30 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-30VO36	48	0%	48	EA		E	\$ -	\$ 65.00	0.35	E	16.80	\$ 1,092	\$ 1,092	
14	CF17: 36in x 6in ALUMINUM 30 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-30VI36	54	0%	54	EA		E	\$ -	\$ 65.00	0.35	E	18.90	\$ 1,229	\$ 1,229	
15	CF18: 36in x 36in ALUMINUM HORIZONTAL TEE WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-36HT36	32	0%	32	EA		E	\$ -	\$ 65.00	0.35	E	11.20	\$ 728	\$ 728	
16	CF21: 36in x 6in ALUMINUM 90 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-90HB36	33	0%	33	EA		E	\$ -	\$ 65.00	0.35	E	11.55	\$ 751	\$ 751	
17	CF22: 36in x 6in ALUMINUM 90 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-90VI36	16	0%	16	EA		E	\$ -	\$ 65.00	0.35	E	5.60	\$ 364	\$ 364	
18	CF23: 36in x 6in ALUMINUM 90 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-90VO36	6	0%	6	EA		E	\$ -	\$ 65.00	0.35	E	2.10	\$ 137	\$ 137	
19	CF10: 24in x 24in ALUMINUM HORIZONTAL TEE WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-24-24HT36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23	
20	CF11: 24in x 6in ALUMINUM 45 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-24-45VO36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23	
21	CF12: 24in x 6in ALUMINUM 45 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-24-45VI36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23	
22	CF13: 24in x 6in ALUMINUM 90 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-24-90VI36	4	0%	4	EA		E	\$ -	\$ 65.00	0.35	E	1.40	\$ 91	\$ 91	
23	Cable Tray Grounding Clamp Blackburn #GTC24P	780	0%	780	EA			\$ -	\$ 65.00	0.09	E	70.20	\$ 4,563	\$ 4,563	
	Quotation For Cable Tray And Its Accessories (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -	
TOTAL MATERIAL COST													\$	-	
TOTAL LABOR COST													\$	122,229	
TOTAL LABOR HOURS														1,880	
TOTAL COST													\$	122,229	
OVERHEADS & PROFIT													25%	\$ 30,557	

		TOTAL BID	\$	152,786
SCOPE OF ESTIMATE:				
I	SUPPLY & INSTALL			
1	Cable Trays			
II	NOTES			
1	Material prices and labor hours are figured from the accubid database.			
2	Please add quotation for cable trays and its accessories in green highlighted cell. Labor cost is included in estimate.			
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.			



PROJECT:

ADDRESS:

REV:

0

LABOR RATE \$ 65

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														
480V POWER CABLE TRAY														
1	C3: 36in x 6in ALUMINUM LADDER TRAY WITH 6" RUNG SPACING - 20' STRAIGHT SECTION, MAKE/MODEL: B-LINE, 46A-06-36-240	295	0%	295	EA		E	\$ -	\$ 65.00	0.80	E	236.00	\$ 15,340	\$ 15,340
	SPLICE PLATES, MAKE/MODEL: B-LINE, 9A-1006 (Quantity Assumed)	295	0%	295	EA		E	\$ -	\$ 65.00	0.10	E	29.50	\$ 1,918	\$ 1,918
	EXPANSION SPLICE PLATES, MAKE/MODEL: B-LINE, 9A-1016 (Quantity Assumed)	35	0%	35	EA		E	\$ -	\$ 65.00	0.20	E	7.00	\$ 455	\$ 455
	VERTICAL ADJUSTABLE SPLICE PLATES - 46A TYPE, MAKE/MODEL: B-LINE, 9A-1026 (Quantity Assumed)	35	0%	35	EA		E	\$ -	\$ 65.00	0.20	E	7.00	\$ 455	\$ 455
	HORIZONTAL ADJUSTABLE SPLICE PLATES - 46A TYPE, MAKE/MODEL: B-LINE, 9A-FSP6 (Quantity Assumed)	35	0%	35	EA		E	\$ -	\$ 65.00	0.20	E	7.00	\$ 455	\$ 455
	STAINLESS STEEL TRAY BOLTS, MAKE/MODEL: B-LINE, SNCB-3/8"x3/4" SS6 (Quantity Assumed)	1956	0%	1956	EA		E	\$ -	\$ 65.00	0.06	E	117.36	\$ 7,628	\$ 7,628
	STAINLESS STEEL TRAY NUTS, MAKE/MODEL: B-LINE, SFHN-3/8"-16 SS6 (Quantity Assumed)	1956	0%	1956	EA		E	\$ -	\$ 65.00	0.06	E	117.36	\$ 7,628	\$ 7,628
	1/2" Threaded Rod (Quantity Assumed)	1956	0%	1956	EA		E	\$ -	\$ 65.00	0.15	E	293.40	\$ 19,071	\$ 19,071
	Combination Strut B-LINE B22A (Quantity Assumed)	978	0%	978	EA		E	\$ -	\$ 65.00	0.15	E	146.70	\$ 9,536	\$ 9,536
	Beam Clamp (Quantity Assumed)	1956	0%	1956	EA		E	\$ -	\$ 65.00	0.10	E	195.60	\$ 12,714	\$ 12,714
	Cable Tray Clamp B-LINE 92N-1208 (Quantity Assumed)	1956	0%	1956	EA		E	\$ -	\$ 65.00	0.10	E	195.60	\$ 12,714	\$ 12,714
2	CF14: 24in x 6in ALUMINUM 90 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-24-90HB36	1	0%	1	EA		E	\$ -	\$ 65.00	0.35	E	0.35	\$ 23	\$ 23
3	CF15: 36in x 6in ALUMINUM 30 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-30HB36	4	0%	4	EA		E	\$ -	\$ 65.00	0.35	E	1.40	\$ 91	\$ 91
4	CF16: 36in x 6in ALUMINUM 30 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-30VO36	76	0%	76	EA		E	\$ -	\$ 65.00	0.35	E	26.60	\$ 1,729	\$ 1,729
5	CF17: 36in x 6in ALUMINUM 30 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-30VI36	66	0%	66	EA		E	\$ -	\$ 65.00	0.35	E	23.10	\$ 1,502	\$ 1,502
6	CF17: 36in x 6in ALUMINUM 45 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-45HB24	4	0%	4	EA		E	\$ -	\$ 65.00	0.35	E	1.40	\$ 91	\$ 91
7	CF18: 36in x 36in ALUMINUM HORIZONTAL TEE WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-36HT36	23	0%	23	EA		E	\$ -	\$ 65.00	0.45	E	10.35	\$ 673	\$ 673
8	CF19: 36in x 6in ALUMINUM 45 DEGREE VERTICAL INSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-45VI36	2	0%	2	EA		E	\$ -	\$ 65.00	0.35	E	0.70	\$ 46	\$ 46
9	CF20: 36in x 6in ALUMINUM 45 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-45VO36	4	0%	4	EA		E	\$ -	\$ 65.00	0.35	E	1.40	\$ 91	\$ 91
10	CF21: 36in x 6in ALUMINUM 90 DEGREE HORIZONTAL BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-90HB36	35	0%	35	EA		E	\$ -	\$ 65.00	0.35	E	12.25	\$ 796	\$ 796
11	CF23: 36in x 6in ALUMINUM 90 DEGREE VERTICAL OUTSIDE BEND WITH 36in RADIUS, MAKE/MODEL: B-LINE, 6A-36-90VO36	28	0%	28	EA		E	\$ -	\$ 65.00	0.35	E	9.80	\$ 637	\$ 637
12	Cable Tray Grounding Clamp Blackburn #GTC24P	555	0%	555	EA			\$ -	\$ 65.00	0.09	E	49.95	\$ 3,247	\$ 3,247
	Quotation For Cable Tray And Its Accessories (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
TOTAL MATERIAL COST													\$ -	
TOTAL LABOR COST													\$ 96,838	
TOTAL LABOR HOURS													1,490	
TOTAL COST													\$ 96,838	
OVERHEADS & PROFIT 25%													\$ 24,210	
TOTAL BID													\$ 121,048	
SCOPE OF ESTIMATE:														
I	SUPPLY & INSTALL													
1	Cable Trays													
II	NOTES													
1	Material prices and labor hours are figured from the accubid database.													
2	Please add quotation for cable trays and its accessories in green highlighted cell. Labor cost is included in estimate.													
3	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.													

ABLE ESTIMATING



PROJECT:

ADDRESS:

REV:

0

REV: 0												LABOR RATE		\$ 65
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														
MV DISTRIBUTION														
CONDUCTOR														
1	3/C 750 MCM (15KV), #1GND CU Armored Cable Tray Rated Cable	3811	10%	4192	LF		M	\$ -	\$ 65	150	M	628.79	\$ 40,872	\$ 40,872
	Quotation For Armored cable tray rated cable (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
SWITCHGEAR														
1	MV Switchgear "800-MES-F405-1", 12.47KV, 600A, 3 Phase, 3 Wire, 25KAIC	1	0%	1	EA		E	\$ -	\$ 65.00	75.00	E	75.00	\$ 4,875	\$ 4,875
2	MV Switchgear "800-MES-F505-1", 12.47KV, 600A, 3 Phase, 3 Wire, 25KAIC	1	0%	1	EA		E	\$ -	\$ 65.00	75.00	E	75.00	\$ 4,875	\$ 4,875
3	Substation "SUB-801A", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
4	Substation "SUB-801B", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
5	Substation "SUB-802A", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
6	Substation "SUB-802B", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
7	Substation "SUB-803A", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
8	Substation "SUB-803B", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
9	Substation "SUB-803C", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
10	Substation "SUB-803D", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
11	Substation "SUB-804A", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
12	Substation "SUB-804B", 4000A, 480/277V, 3 Phase, 4 Wire, 3 Phase, 4 Wire, 100KAIC (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$ -	\$ 65.00	300.00	E	300.00	\$ 19,500	\$ 19,500
	Quotation For MV switchgear 800-MES-F505-1 & 800-MES-F405-1 (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
TOTAL MATERIAL COST												\$ -		
TOTAL LABOR COST												\$ 245,622		
TOTAL LABOR HOURS												3,779		
TOTAL COST												\$ 245,622		
OVERHEADS & PROFIT 25%												\$ 61,405		
TOTAL BID												\$ 307,027		
SCOPE OF ESTIMATE:														
I	SUPPLY & INSTALL													
1	MV Distribution													
II	NOTES													
1	Material prices and labor hours are figured from the accubid database.													
2	Please add quotation for armored cable tray rated cables and MV switchgear 800-MES-F505-1 & 800-MES-F405-1 in green highlighted cell. Labor cost is included in estimate.													
3	Key note 4 is mentioned on E701 along with MV switchgear 800-MES-F505-1 & 800-MES-F405-1. But the description of this key note is missing. Please confirm													
4	As per keynote 1 on E701 SLD drawings, substations are furnished by owner and installed by contractor. But this keynote is not mentioned along with MV switchgear 800-MES-F505-1 & 800-MES-F405-1. These are assumed to be provided and installed by contractor. Please confirm													
5	Concrete pads are not included in estimate.													
6	As per SLD drawing E-701, 3/C 750 MCM (15KV) Cable Tray Rated Cable is routed between existing 15KV switchgear and new MV switchgear. But the location of existing 15KV switchgear is not shown on plans. We have not considered the cable between new and existing switchgear in estimate. Please confirm the location of existing switchgear.													
7	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.													

ABLE ESTIMATING



PROJECT:

ADDRESS:

REV:

0

REV: 0													LABOR RATE		\$ 65
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															
480V DISTRIBUTION															
CONDUITS															
1	1" EMT Conduit	131	10%	144	LF	\$ 195.47	C	\$ 281	\$ 65	4.8	C	6.89	\$ 448	\$ 729	
	1" CONN SS STL - EMT	3	0%	3	EA	\$ 94.36	C	\$ 3	\$ 65	12	C	0.36	\$ 23	\$ 26	
	1" COUPLING SS STL - EMT	7	0%	7	EA	\$ 77.26	C	\$ 5	\$ 65	5	C	0.35	\$ 23	\$ 28	
	1" 1-H STRAP - EMT - STEEL	9	0%	9	EA	\$ 37.85	C	\$ 3	\$ 65	5.9	C	0.53	\$ 35	\$ 38	
	4 11/16x 2 1/8" SQ BOX 1" KO	2	0%	2	EA	\$ 925.93	C	\$ 19	\$ 65	25	C	0.50	\$ 33	\$ 51	
	4 11/16" SQ BLANK COVER	2	0%	2	EA	\$ 811.06	C	\$ 16	\$ 65	2.5	C	0.05	\$ 3	\$ 19	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	7	0%	7	EA	\$ 9.19	C	\$ 1	\$ 65	6	C	0.42	\$ 27	\$ 28	
	#10 x 1 P/H SELF-TAP SCREW	7	0%	7	EA	\$ 12.42	C	\$ 1	\$ 65	3	C	0.21	\$ 14	\$ 15	
2	1-1/2" EMT Conduit	79	10%	87	LF	\$ 383.65	C	\$ 334	\$ 65	5.2	C	4.53	\$ 294	\$ 628	
	1 1/2" ELBOW 90 DEG - EMT	2	0%	2	EA	\$ 1,194.00	C	\$ 24	\$ 65	40	C	0.80	\$ 52	\$ 76	
	1 1/2" CONN SS STL - EMT	2	0%	2	EA	\$ 205.18	C	\$ 4	\$ 65	17	C	0.34	\$ 22	\$ 26	
	1 1/2" COUPLING SS STL - EMT	4	0%	4	EA	\$ 309.52	C	\$ 12	\$ 65	8	C	0.32	\$ 21	\$ 33	
	1 1/2" BUSHING - PLASTIC	2	0%	2	EA	\$ 37.86	C	\$ 1	\$ 65	5.2	C	0.10	\$ 7	\$ 8	
	1 1/2" 1-H STRAP - EMT - STEEL	4	0%	4	EA	\$ 87.51	C	\$ 4	\$ 65	7.8	C	0.31	\$ 20	\$ 24	
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	4	0%	4	EA	\$ 70.00	C	\$ 3	\$ 65	8	C	0.32	\$ 21	\$ 24	
3	1-1/4" EMT Conduit	752	10%	827	LF	\$ 318.69	C	\$ 2,636	\$ 65	5.7	C	47.15	\$ 3,065	\$ 5,701	
	1 1/4" ELBOW 90 DEG - EMT	16	0%	16	EA	\$ 1,031.00	C	\$ 165	\$ 65	30	C	4.80	\$ 312	\$ 477	
	1 1/4" CONN SS STL - EMT	16	0%	16	EA	\$ 159.41	C	\$ 26	\$ 65	14	C	2.24	\$ 146	\$ 171	
	1 1/4" COUPLING SS STL - EMT	38	0%	38	EA	\$ 169.98	C	\$ 65	\$ 65	6.5	C	2.47	\$ 161	\$ 225	
	1 1/4" BUSHING - PLASTIC	16	0%	16	EA	\$ 29.56	C	\$ 5	\$ 65	3.9	C	0.62	\$ 41	\$ 45	
	1 1/4" 1-H STRAP - EMT - STEEL	38	0%	38	EA	\$ 54.76	C	\$ 21	\$ 65	7	C	2.66	\$ 173	\$ 194	
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	38	0%	38	EA	\$ 70.00	C	\$ 27	\$ 65	8	C	3.04	\$ 198	\$ 224	
4	2" EMT Conduit	26	10%	29	LF	\$ 464.27	C	\$ 134	\$ 65	6	C	1.73	\$ 113	\$ 246	
	2" ELBOW 90 DEG - EMT	1	0%	1	EA	\$ 1,689.00	C	\$ 17	\$ 65	41	C	0.41	\$ 27	\$ 44	
	2" CONN SS STL - EMT	1	0%	1	EA	\$ 287.26	C	\$ 3	\$ 65	18	C	0.18	\$ 12	\$ 15	
	2" COUPLING SS STL - EMT	2	0%	2	EA	\$ 396.59	C	\$ 8	\$ 65	9	C	0.18	\$ 12	\$ 20	
	2" BUSHING - PLASTIC	1	0%	1	EA	\$ 73.13	C	\$ 1	\$ 65	5	C	0.05	\$ 3	\$ 4	
	2" 1-H STRAP - EMT - STEEL	2	0%	2	EA	\$ 108.18	C	\$ 2	\$ 65	8	C	0.16	\$ 10	\$ 13	
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	2	0%	2	EA	\$ 70.00	C	\$ 1	\$ 65	8	C	0.16	\$ 10	\$ 12	
5	2-1/2" EMT Conduit	83	10%	91	LF	\$ 685.58	C	\$ 626	\$ 65	8	C	7.30	\$ 475	\$ 1,101	
	2 1/2" ELBOW 90 DEG - EMT	2	0%	2	EA	\$ 3,540.00	C	\$ 71	\$ 65	45	C	0.90	\$ 59	\$ 129	
	2 1/2" CONN SS STL - EMT	2	0%	2	EA	\$ 789.99	C	\$ 16	\$ 65	20	C	0.40	\$ 26	\$ 42	
	2 1/2" COUPLING SS STL - EMT	5	0%	5	EA	\$ 713.15	C	\$ 36	\$ 65	10	C	0.50	\$ 33	\$ 68	
	2 1/2" BUSHING - PLASTIC	2	0%	2	EA	\$ 133.47	C	\$ 3	\$ 65	6	C	0.12	\$ 8	\$ 10	
	2 1/2" 1-H STRAP - RMC / EMT- STEEL	5	0%	5	EA	\$ 367.91	C	\$ 18	\$ 65	9	C	0.45	\$ 29	\$ 48	
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	5	0%	5	EA	\$ 70.00	C	\$ 4	\$ 65	9	C	0.45	\$ 29	\$ 33	
6	3" EMT Conduit	292	10%	321	LF	\$ 863.84	C	\$ 2,775	\$ 65	10	C	32.12	\$ 2,088	\$ 4,862	
	3" ELBOW 90 DEG - EMT	6	0%	6	EA	\$ 5,383.00	C	\$ 323	\$ 65	50	C	3.00	\$ 195	\$ 518	
	3" CONN SS STL - EMT	6	0%	6	EA	\$ 1,022.14	C	\$ 61	\$ 65	25	C	1.50	\$ 98	\$ 159	
	3" COUPLING SS STL - EMT	15	0%	15	EA	\$ 803.42	C	\$ 121	\$ 65	11	C	1.65	\$ 107	\$ 228	
	3" BUSHING - PLASTIC	6	0%	6	EA	\$ 150.03	C	\$ 9	\$ 65	7	C	0.42	\$ 27	\$ 36	
	3" 1-H STRAP - RMC / EMT- STEEL	15	0%	15	EA	\$ 401.74	C	\$ 60	\$ 65	9	C	1.35	\$ 88	\$ 148	
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	15	0%	15	EA	\$ 70.00	C	\$ 11	\$ 65	9	C	1.35	\$ 88	\$ 98	
7	3-1/2" EMT Conduit	80	10%	88	LF	\$ 1,149.34	C	\$ 1,011	\$ 65	13	C	11.44	\$ 744	\$ 1,755	
	3 1/2" ELBOW 90 DEG - EMT	2	0%	2	EA	\$ 7,162.00	C	\$ 143	\$ 65	60	C	1.20	\$ 78	\$ 221	
	3 1/2" CONN SS STL - EMT	2	0%	2	EA	\$ 1,220.68	C	\$ 24	\$ 65	28	C	0.56	\$ 36	\$ 61	
	3 1/2" COUPLING SS STL - EMT	4	0%	4	EA	\$ 3,558.67	C	\$ 142	\$ 65	12	C	0.48	\$ 31	\$ 174	
	3 1/2" BUSHING - PLASTIC	2	0%	2	EA	\$ 171.94	C	\$ 3	\$ 65	8	C	0.16	\$ 10	\$ 14	
	3 1/2" 1-H STRAP - RMC / EMT- STEEL	4	0%	4	EA	\$ 714.21	C	\$ 29	\$ 65	12	C	0.48	\$ 31	\$ 60	
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	4	0%	4	EA	\$ 70.00	C	\$ 3	\$ 65	10	C	0.40	\$ 26	\$ 29	
8	4" PVC SCH. 40 Conduit	260	10%	286	LF	\$ 884.62	C	\$ 2,530	\$ 65	7	C	20.02	\$ 1,301	\$ 3,831	
	4" ELBOW 90 DEG - PVC	4	0%	4	EA	\$ 24.00	E	\$ 96	\$ 65	0.2	E	0.80	\$ 52	\$ 148	
	4" LOCKNUT - STEEL	6	0%	6	EA	\$ 506.57	C	\$ 30	\$ 65	12.6	C	0.76	\$ 49	\$ 80	
	4" COUPLING - PVC	4	0%	4	EA	\$ 362.89	C	\$ 15	\$ 65	0.15	E	0.60	\$ 39	\$ 54	
	4" ADAPTER FEM - PVC	6	0%	6	EA	\$ 602.37	C	\$ 36	\$ 65	40	C	2.40	\$ 156	\$ 192	
9	1-1/2" FMC Conduit	115	10%	127	LF	\$ 320.00	C	\$ 445	\$ 65	8	C	10.12	\$ 658	\$ 1,103	
CONDUCTOR															
1	#10 CU THHN/THWN-2	131	10%	144	LF	\$ 276.50	M	\$ 40	\$ 65	6.2	M	0.89	\$ 58	\$ 98	
2	#8 CU THHN/THWN-2	64	10%	70	LF	\$ 532.20	M	\$ 37	\$ 65	7	M	0.49	\$ 32	\$ 69	
3	#6 CU THHN/THWN-2	601	10%	661	LF	\$ 822.30	M	\$ 544	\$ 65	8.9	M	5.88	\$ 382	\$ 926	
4	#6 CU THHN/THWN-2 (Length Assumed For Grounding Of 45KVA Transformers)	30	10%	33	LF	\$ 822.30	M	\$ 27	\$ 65	8.9	M	0.29	\$ 19	\$ 46	
5	#4 CU THHN/THWN-2	300	10%	330	LF	\$ 1,239.30	M	\$ 409	\$ 65	10.2	M	3.37	\$ 219	\$ 628	
6	#3 CU THHN/THWN-2	88	10%	97	LF	\$ 1,569.50	M	\$ 152	\$ 65	11.9	M	1.15	\$ 75	\$ 227	
7	#2 CU THHN/THWN-2	63	10%	69	LF	\$ 1,947.30	M	\$ 134	\$ 65	12.4	M	0.86	\$ 56	\$ 190	
8	#1/0 CU THHN/THWN-2	595	10%	655	LF	\$ 2,205.69	M	\$ 1,444	\$ 65	13.5	M	8.84	\$ 574	\$ 2,018	
9	#1/0 CU THHN/THWN-2 (Length Assumed For Secondary Feeder Of 45KVA Transformers)	160	10%	176	LF	\$ 2,205.69	M	\$ 388	\$ 65	13.5	M	2.38	\$ 154	\$ 543	
10	#2/0 CU THHN/THWN-2	267	10%	294	LF	\$ 3,861.20	M	\$ 1,135	\$ 65	16.2	M	4.76	\$ 309	\$ 1,444	
11	#250 CU THHN/THWN-2	408	10%	449	LF	\$ 6,212.70	M	\$ 2,788	\$ 65	24.2	M	10.86	\$ 706	\$ 3,494	
12	#500 CU THHN/THWN-2	1069	10%	1175	LF	\$ 12,775.90	M	\$ 15,018	\$ 65	38.8	M	45.61	\$ 2,965	\$ 17,982	
13	#600 CU THHN/THWN-2	1435	10%	1579	LF	\$ 16,920.00	M	\$ 26,708	\$ 65	42.4	M	66.93	\$ 4,350	\$ 31,059	
ARMORED CABLE TRAY RATED CABLES															
1	3#10, #10 GND CU Armored Cable Tray Rated Cable	3714	10%	4086	LF		M	\$ -	\$ 65	8	M	32.69	\$ 2,125	\$ 2,125	
2	4#4, #10 GND CU Armored Cable Tray Rated Cable	1076	10%	1183	LF		M	\$ -	\$ 65	35.7	M	42.25	\$ 2,746	\$ 2,746	
3	3#4, #8 GND CU Armored Cable Tray Rated Cable	4169	10%	4585	LF		M	\$ -	\$ 65	25.5	M	116.93	\$ 7,600	\$ 7,600	

4	3#4, #8 GND CU Armored Cable Tray Rated Cable (Length Assumed For Primary Feeder Of 45KVA Transformers)	2640	10%	2904	LF		M	\$	-	\$	65	25.5	M	74.05	\$	4,813	\$	4,813
5	4#2, #2 GND CU Armored Cable Tray Rated Cable	1651	10%	1816	LF		M	\$	-	\$	65	43.4	M	78.82	\$	5,123	\$	5,123
6	4#3/0, #6 GND CU Armored Cable Tray Rated Cable	330	10%	363	LF		M	\$	-	\$	65	65.8	M	23.90	\$	1,553	\$	1,553
7	4#250, #4 GND CU Armored Cable Tray Rated Cable	177	10%	195	LF		M	\$	-	\$	65	84.7	M	16.48	\$	1,071	\$	1,071
8	3#250, #4 GND CU Armored Cable Tray Rated Cable	67	10%	74	LF		M	\$	-	\$	65	60.5	M	4.48	\$	291	\$	291
9	3#600 KCMIL, #3 GND CU Armored Cable Tray Rated Cable	937	10%	1030	LF		M	\$	-	\$	65	106	M	109.20	\$	7,098	\$	7,098
10	3#600 KCMIL, #4/0 GND CU Armored Cable Tray Rated Cable	5320	10%	5852	LF		M	\$	-	\$	65	106	M	620.28	\$	40,318	\$	40,318
11	4#600 KCMIL, #3/0 GND CU Armored Cable Tray Rated Cable	26933	10%	29626	LF		M	\$	-	\$	65	148.4	M	4396.54	\$	285,775	\$	285,775
12	3#600 KCMIL, #3/0 GND CU Armored Cable Tray Rated Cable	1809	10%	1990	LF		M	\$	-	\$	65	106	M	210.97	\$	13,713	\$	13,713
13	4#600 KCMIL, #4/0 GND CU Armored Cable Tray Rated Cable	2359	10%	2595	LF		M	\$	-	\$	65	148.4	M	385.07	\$	25,029	\$	25,029
	Quotation For Armored cable tray rated Cables (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS								E	0.00	\$	-	\$	-
	PANELS																	
1	Emergency Panel EPDP-804B-A2X-1 (Schedule Not Given And Not Shown On Plans, Included From Single Line Diagram) (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	4.00	E	4.00	\$	260	\$	260
2	PDB-803C-D4-1, 1600A, NEMA 12 (Schedule Not Given, Included From Single Line Diagram)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
3	PPP-801B-A11-1, 1200A (Schedule Not Given, Included From Single Line Diagram) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
4	PPP-801B-A14-1, 1200A (Schedule Not Given, Included From Single Line Diagram) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
5	PPP-801B-E11-1, 1200A (Schedule Not Given, Included From Single Line Diagram) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
6	PPP-802B-J11-1, 1200A (Schedule Not Given, Included From Single Line Diagram) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
7	PPP-802B-J15-1, 1200A (Schedule Not Given, Included From Single Line Diagram) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
8	Power Distribution Board "PDB-801A-A14-1", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
9	Power Distribution Board "PDB-801A-A14-2", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
10	Power Distribution Board "PDB-801A-A14-3", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
11	Power Distribution Board "PDB-802A-J13-1", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
12	Power Distribution Board "PDB-802A-J13-2", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
13	Power Distribution Board "PDB-802A-J13-3", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
14	Power Distribution Board "PDB-802A-J13-4", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
15	Power Distribution Board "PDB-803A-J6-1", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
16	Power Distribution Board "PDB-803A-J6-2", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
17	Power Distribution Board "PDB-803A-J6-3", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
18	Power Distribution Board "PDB-803A-J6-4", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
19	Power Distribution Board "PDB-804A-A3X-1", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
20	Power Distribution Board "PDB-804A-A3X-2", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
21	Power Distribution Board "PDB-804A-A3X-3", 1600A, 480V, 3 Phase, 3 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
22	PPP-803B-D4-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
23	PPP-803B-D6-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
24	PPP-803B-E3-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
25	PPP-803B-E5-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
26	PPP-803B-E5-2, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
27	PPP-803B-E6-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
28	PPP-803C-E3-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
29	PPP-803C-G4-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
30	PPP-803C-G4-2, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
31	PPP-803C-G6-1, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
32	PPP-803C-G6-2, 1200A, NEMA 12 (Schedule Not Given)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
33	PPP-803D-XX-1, 800A (Schedule Not Given & Also Not Shown On Plans) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	6.00	E	6.00	\$	390	\$	390
34	PPP-803D-XX-2, 800A (Schedule Not Given & Also Not Shown On Plans) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	6.00	E	6.00	\$	390	\$	390
35	PPP-804B-A1-1, 1200A (Schedule Not Given) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
36	PPP-804B-A1-2, 1200A (Schedule Not Given) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
37	PPP-804B-A5-1, 1200A (Schedule Not Given) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
38	PPP-804B-A5-2, 1200A (Schedule Not Given) (Provided By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	8.00	E	8.00	\$	520	\$	520
39	Panel ELP-804A-A14-1, 480/277 Wye, 3 Phase, 4 Wire, 30A MLO, 30 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
40	Panel ELP-804A-AA3X-1, 480/277 Wye, 3 Phase, 4 Wire, 50A MCB, 30 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
41	Panel ELP-804A-J13-1, 480/277 Wye, 3 Phase, 4 Wire, 30A MLO, 30 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
42	Panel ELP-804A-J6-1, 480/277 Wye, 3 Phase, 4 Wire, 50A MCB, 30 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
43	Panel EPDP-804A-AA3X-1, 480/277 Wye, 3 Phase, 4 Wire, 1000A MCB, 30 Ckts, NEMA 1, Surface Mounted (Furnished By Owner And Installed By Contractor)	1	0%	1	EA		E	\$	-	\$	65.00	6.00	E	6.00	\$	390	\$	390
44	Panel ERP-804A-A14-1, 120/208 Wye, 3 Phase, 4 Wire, 100A Main, 60A MCB, 18 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
45	Panel ERP-804A-AA3X-1, 120/208 Wye, 3 Phase, 4 Wire, 100A Main, 60A MCB, 18 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
46	Panel ERP-804A-J13-1, 120/208 Wye, 3 Phase, 4 Wire, 100A Main, 60A MCB, 18 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
47	Panel ERP-804A-J6-1, 120/208 Wye, 3 Phase, 4 Wire, 100A Main, 60A MCB, 18 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
48	Panel LP-801A-A14-1, 480/277 Wye, 3 Phase, 4 Wire, 400A MCB, 42 Ckts, NEMA 1, Surface Mounted	1	0%	1	EA		E	\$	-	\$	65.00	4.00	E	4.00	\$	260	\$	260

CONCRETE PAD														
1	Concrete Pad For MCCs (Assumed)	4	0%	4	EA	\$ 600.00	E	\$ 2,400.00	\$ 65.00	3.00	E	12.00	\$ 780	\$ 3,180
BREAKERS														
1	1P/20A Breaker	737	0%	737	EA		E	\$ -	\$ 65.00	0.15	E	110.55	\$ 7,186	\$ 7,186
2	1P/20A Locking Breaker	4	0%	4	EA		E	\$ -	\$ 65.00	0.15	E	0.60	\$ 39	\$ 39
3	1P/30A Breaker	2	0%	2	EA		E	\$ -	\$ 65.00	0.15	E	0.30	\$ 20	\$ 20
4	2P/40A Breaker	5	0%	5	EA		E	\$ -	\$ 65.00	0.15	E	0.75	\$ 49	\$ 49
5	3P/20A Breaker	113	0%	113	EA		E	\$ -	\$ 65.00	0.20	E	22.60	\$ 1,469	\$ 1,469
6	3P/30A Breaker	2	0%	2	EA		E	\$ -	\$ 65.00	0.20	E	0.40	\$ 26	\$ 26
7	3P/35A Breaker	2	0%	2	EA		E	\$ -	\$ 65.00	0.20	E	0.40	\$ 26	\$ 26
8	3P/70A Breaker	8	0%	8	EA		E	\$ -	\$ 65.00	0.30	E	2.40	\$ 156	\$ 156
9	3P/20A (Furnished By Owner And Installed By Contractor)	2	0%	2	EA		E	\$ -	\$ 65.00	0.20	E	0.40	\$ 26	\$ 26
10	3P/25A (Furnished By Owner And Installed By Contractor)	4	0%	4	EA		E	\$ -	\$ 65.00	0.20	E	0.80	\$ 52	\$ 52
11	3P/60A (Furnished By Owner And Installed By Contractor)	2	0%	2	EA		E	\$ -	\$ 65.00	0.25	E	0.50	\$ 33	\$ 33
12	3P/70A (Furnished By Owner And Installed By Contractor)	11	0%	11	EA		E	\$ -	\$ 65.00	0.30	E	3.30	\$ 215	\$ 215
13	3P/90A (Furnished By Owner And Installed By Contractor)	6	0%	6	EA		E	\$ -	\$ 65.00	0.35	E	2.10	\$ 137	\$ 137
14	3P/200A Breaker (Furnished By Owner And Installed By Contractor)	4	0%	4	EA		E	\$ -	\$ 65.00	0.85	E	3.40	\$ 221	\$ 221
15	3P/250A Breaker (Furnished By Owner And Installed By Contractor)	7	0%	7	EA		E	\$ -	\$ 65.00	1.00	E	7.00	\$ 455	\$ 455
16	3P/400A Breaker (Furnished By Owner And Installed By Contractor)	5	0%	5	EA		E	\$ -	\$ 65.00	1.45	E	7.25	\$ 471	\$ 471
17	3P/800A Breaker (Furnished By Owner And Installed By Contractor)	28	0%	28	EA		E	\$ -	\$ 65.00	2.00	E	56.00	\$ 3,640	\$ 3,640
18	3P/1600A Breaker (Furnished By Owner And Installed By Contractor)	14	0%	14	EA		E	\$ -	\$ 65.00	4.00	E	56.00	\$ 3,640	\$ 3,640
EQUIPMENT														
1	30KVA UPS, UPS-804A-AA3X-1 (Furnished By Owner And Installed By Contractor)	1	0%	1	EA			\$ -	\$ 65.00	25.00	E	25.00	\$ 1,625	\$ 1,625
	#51X030B0AFBA052 (DISTRIBUTION CABINET).	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	#51MBQ32AA0R1TMD (MAINTENANCE BYPASS CABINET)	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	#51BPQHXA1L10 (BATTERY CABINET)	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	#EXM51SA030QAA00TUB (UPS CABINET)	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	Concrete Pad (Assumed)	1	0%	1	EA	\$ 800.00	E	\$ 800.00	\$ 65.00	3.00	E	3.00	\$ 195	\$ 995
2	30KVA UPS, UPS-804A-J6-1 (Furnished By Owner And Installed By Contractor)	1	0%	1	EA			\$ -	\$ 65.00	25.00	E	25.00	\$ 1,625	\$ 1,625
	#51X030B0AFBA052 (DISTRIBUTION CABINET).	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	#51MBQ32AA0R1TMD (MAINTENANCE BYPASS CABINET)	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	#51BPQHXA1L10 (BATTERY CABINET)	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	#EXM51SA030QAA00TUB (UPS CABINET)	1	0%	1	EA			\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
	Concrete Pad (Assumed)	1	0%	1	EA	\$ 800.00	E	\$ 800.00	\$ 65.00	3.00	E	3.00	\$ 195	\$ 995
3	ATS-804A-AA3X-1, 1000A, 480/277, 3 Phase, 4 Wire (Furnished By Owner And Installed By Contractor)	1	0%	1	EA			\$ -	\$ 65.00	25.00	E	25.00	\$ 1,625	\$ 1,625
	Concrete Pad (Assumed)	1	0%	1	EA	\$ 800.00	E	\$ 800.00	\$ 65.00	3.00	E	3.00	\$ 195	\$ 995
4	Natural Gas Generator, 500KW, 480/277, 3 Phase, 4W (Not Shown On Plans, Included From SLD)	1	0%	1	EA			\$ -	\$ 65.00	70.00	E	70.00	\$ 4,550	\$ 4,550
	Concrete Pad (Assumed)	1	0%	1	EA	\$ 2,200.00	E	\$ 2,200.00	\$ 65.00	6.00	E	6.00	\$ 390	\$ 2,590
TRANSFORMERS														
1	Transformer ET-804A-A14-1, 15KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	10.00	E	10.00	\$ 650	\$ 650
2	Transformer ET-804A-AA3X-1, 15KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	10.00	E	10.00	\$ 650	\$ 650
3	Transformer ET-804A-J13-1, 15KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	10.00	E	10.00	\$ 650	\$ 650
4	Transformer ET-804A-J6-1, 15KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	10.00	E	10.00	\$ 650	\$ 650
5	Transformer T-801A-A12-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
6	Transformer T-801A-A14-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
7	Transformer T-801A-A9-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
8	Transformer T-801A-C15-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
9	Transformer T-801A-D12-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
10	Transformer T-801A-D9-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
11	Transformer T-802A-F12-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
12	Transformer T-802A-G15-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
13	Transformer T-802A-H9-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
14	Transformer T-802A-J12-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
15	Transformer T-802A-J13-1, 150KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	22.00	E	22.00	\$ 1,430	\$ 1,430
16	Transformer T-803A-E8-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
17	Transformer T-803A-G6-1, 45KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
18	Transformer T-803A-J6-1, 150KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	22.00	E	22.00	\$ 1,430	\$ 1,430
19	Transformer T-804A-A3X-1, 150KVA, 480V Pri, 208/120V Sec	1	0%	1	EA			\$ -	\$ 65.00	22.00	E	22.00	\$ 1,430	\$ 1,430
	Note: There are transformers which are shown only on equipment drawings. No information related to KVA and feeders ratings is given on single line diagram. We have assumed these transformers 45 KVA and 300 Ft feeders is assumed in estimate for these transformers. Please confirm													
20	T-801A-A18-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
21	T-802A-J17-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
22	T-803A-E3-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
23	T-803A-H2-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
24	T-803A-J1-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
25	T-804A-A1-2, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
26	T-804A-C6-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
27	T-804A-D3-1, 45KVA (Assumed Rating, Not Given On Single Line Diagram, Included From Equipment Plans)	1	0%	1	EA			\$ -	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
	Housekeeping Pad For Transformer (Assumed)	28	0%	28	EA	\$ 380.00	E	\$ 10,640.00	\$ 65.00	1.00	E	28.00	\$ 1,820	\$ 12,460
	Quotation For panels, breakers, transformers and generator (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
TOTAL MATERIAL COST													\$	105,323
TOTAL LABOR COST													\$	536,935
TOTAL LABOR HOURS														8,261
TOTAL COST													\$	642,258
OVERHEADS & PROFIT 25%													\$	160,564
TOTAL BID													\$	802,822
SCOPE OF ESTIMATE:														

I SUPPLY & INSTALL	
1	480V Distribution
II NOTES	
1	Material prices and labor hours are figured from the accubid database.
2	As per key note 1, 2 & 3 on SLD drawing E-701 & E-703, equipment is furnished by owner and installed by contractor. These key notes are mentioned along with the some of the panels. Other panels/distribution equipment's. without these key notes are considered to be furnished and installed by the contractor. Please confirm/verify the responsibility for these panels/distribution equipment's.
3	Location of generator is not shown on plans, we have assumed 130 ft of underground feeders for generator.
4	Please add quotation for armored cable tray rated cable, panels, breakers, generator and transformers in green highlighted cell. Labor cost is included in estimate.
5	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.

PROJECT:

ADDRESS:

REV:

0

REV: 0												LABOR RATE		\$ 65
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														
	GENERAL CONDITIONS (AMOUNT TO BE ADDED BY CONTRACTOR IN BLUE HIGHLIGHT)													
1	Temporary Power & Lighting	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
2	Mobilization and Demobilization	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
3	Permit and Utility Fees	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
4	As Built Documents/Submittals	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
5	Arc Flash Study	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
6	Protection Devices Coordination Study	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
7	Testing and Commissioning	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
8	Tags & Directory	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
9	Lifts/Crane	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
10	Final Clean Up & Housekeeping	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
11	Core Drill	1	0%	1	LS			\$ -	\$ 65.00			0.00	\$ -	\$ -
TOTAL MATERIAL COST												\$	-	-
TOTAL LABOR COST												\$	-	-
TOTAL LABOR HOURS													0	-
TOTAL COST												\$	-	-
OVERHEADS & PROFIT 0%												\$	-	-
TOTAL BID												\$	-	-
SCOPE OF ESTIMATE:														
1	SUPPLY & INSTALL													
1	General Conditions													

ABLE ESTIMATING

