

PROJECT:

ADDRESS:

REV:

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SR. NO.	BID ITEMS	BID
1	MAIN BLDG - Div. 26	\$ 2,120,746
2	MAIN BLDG - Div. 27	\$ 573,120
3	MAIN BLDG - Div. 28	\$ 393,722
4	SITE WORK	\$ 1,590,214
5	ATHLETIC BLDG	\$ 162,340
6	GENERAL CONDITIONS	\$ -
	TOTAL	\$ 4,840,142

SR. NO.	ADD ALTERNATE BID ITEMS	BID
1	ALT#2 - GREEN HOUSE	\$ 316,289
	TOTAL	\$ 316,289

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PROJECT:

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SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	UNIT	MATERIAL COST	LABOR RATE	LABOR	UNIT	LABOR RATE													
												TOTAL LABOR	LABOR COST	TOTAL COST											
NEW WORK																									
DISTRIBUTION																									
CONDUITS																									
1	3/4" EMT Conduit	347	10%	382	FT	\$ 96.99	C	\$ 370.22	\$ 65.00	3.2	C	12.21	\$ 794	\$ 1,164											
	3/4" CONN SS STL - EMT	7	0%	7	EA	\$ 68.60	C	\$ 4.80	\$ 65.00	10	C	0.70	\$ 46	\$ 50											
	3/4" COUPLING SS STL - EMT	35	0%	35	EA	\$ 58.99	C	\$ 20.65	\$ 65.00	4	C	1.40	\$ 91	\$ 112											
	3/4" 1-H STRAP - EMT - STEEL	35	0%	35	EA	\$ 29.99	C	\$ 10.50	\$ 65.00	5.4	C	1.89	\$ 123	\$ 133											
	4x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 212.81	C	\$ 8.51	\$ 65.00	23	C	0.92	\$ 60	\$ 68											
	4" SQ BLANK COVER	4	0%	4	EA	\$ 81.23	C	\$ 3.25	\$ 65.00	2.5	C	0.10	\$ 7	\$ 10											
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	35	0%	35	EA	\$ 3.86	C	\$ 1.35	\$ 65.00	6	C	2.10	\$ 137	\$ 138											
	#10 x 1 P/H SELF-TAP SCREW	18	0%	18	EA	\$ 14.64	C	\$ 2.63	\$ 65.00	3	C	0.54	\$ 35	\$ 38											
2	1" EMT Conduit	60	10%	66	FT	\$ 167.57	C	\$ 110.88	\$ 65.00	4.05	C	2.68	\$ 174	\$ 285											
	1" CONN SS STL - EMT	2	0%	2	EA	\$ 104.79	C	\$ 2.10	\$ 65.00	12	C	0.24	\$ 16	\$ 18											
	1" COUPLING SS STL - EMT	7	0%	7	EA	\$ 95.24	C	\$ 6.67	\$ 65.00	5	C	0.35	\$ 23	\$ 29											
	1" 1-H STRAP - EMT - STEEL	7	0%	7	EA	\$ 42.93	C	\$ 3.01	\$ 65.00	5.9	C	0.41	\$ 27	\$ 30											
	4 11/16x 2 1/8" SQ BOX 1" KO	1	0%	1	EA	\$ 523.10	C	\$ 5.23	\$ 65.00	25	C	0.25	\$ 16	\$ 21											
	4 11/16" SQ BLANK COVER	1	0%	1	EA	\$ 399.73	C	\$ 4.00	\$ 65.00	2.5	C	0.03	\$ 2	\$ 6											
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	7	0%	7	EA	\$ 3.86	C	\$ 0.27	\$ 65.00	6	C	0.42	\$ 27	\$ 28											
	#10 x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 14.64	C	\$ 0.59	\$ 65.00	3	C	0.12	\$ 8	\$ 8											
3	1-1/4" EMT Conduit	143	10%	157	FT	\$ 271.63	C	\$ 427.28	\$ 65.00	4.7	C	7.39	\$ 481	\$ 908											
	1 1/4" ELBOW 90 DEG - EMT	3	0%	3	EA	\$ 1,092.00	C	\$ 32.76	\$ 65.00	30	C	0.90	\$ 59	\$ 91											
	1 1/4" CONN SS STL - EMT	3	0%	3	EA	\$ 353.28	C	\$ 10.60	\$ 65.00	14	C	0.42	\$ 27	\$ 38											
	1 1/4" COUPLING SS STL - EMT	15	0%	15	EA	\$ 203.32	C	\$ 30.50	\$ 65.00	6.5	C	0.98	\$ 63	\$ 94											
	1 1/4" BUSHING - PLASTIC	3	0%	3	EA	\$ 39.16	C	\$ 1.17	\$ 65.00	3.9	C	0.12	\$ 8	\$ 9											
	1 1/4" 1-H STRAP - EMT - STEEL	15	0%	15	EA	\$ 70.82	C	\$ 10.62	\$ 65.00	7	C	1.05	\$ 68	\$ 79											
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	15	0%	15	EA	\$ -	C	\$ -	\$ 65.00	8	C	1.20	\$ 78	\$ 78											
4	1-1/2" EMT Conduit	922	10%	1014	FT	\$ 321.46	C	\$ 3,260.27	\$ 65.00	5.92	C	60.04	\$ 3,903	\$ 7,163											
	1 1/2" ELBOW 90 DEG - EMT	19	0%	19	EA	\$ 1,286.88	C	\$ 244.51	\$ 65.00	40	C	7.60	\$ 494	\$ 739											
	1 1/2" CONN SS STL - EMT	19	0%	19	EA	\$ 245.03	C	\$ 46.56	\$ 65.00	17	C	3.23	\$ 210	\$ 257											
	1 1/2" COUPLING SS STL - EMT	93	0%	93	EA	\$ 297.15	C	\$ 276.35	\$ 65.00	8	C	7.44	\$ 484	\$ 760											
	1 1/2" BUSHING - PLASTIC	19	0%	19	EA	\$ 52.12	C	\$ 9.90	\$ 65.00	5.2	C	0.99	\$ 64	\$ 74											
	1 1/2" 1-H STRAP - EMT - STEEL	93	0%	93	EA	\$ 103.02	C	\$ 95.81	\$ 65.00	7.8	C	7.25	\$ 472	\$ 567											
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	93	0%	93	EA	\$ -	C	\$ -	\$ 65.00	8	C	7.44	\$ 484	\$ 484											
5	2" EMT Conduit	3426	10%	3769	FT	\$ 392.94	C	\$ 14,808.37	\$ 65.00	6.8	C	256.26	\$ 16,657	\$ 31,466											
	2" ELBOW 90 DEG - EMT	69	0%	69	EA	\$ 1,841.28	C	\$ 1,270.48	\$ 65.00	45	C	31.05	\$ 2,018	\$ 3,289											
	2" CONN SS STL - EMT	69	0%	69	EA	\$ 335.25	C	\$ 231.32	\$ 65.00	20	C	13.80	\$ 897	\$ 1,128											
	2" COUPLING SS STL - EMT	343	0%	343	EA	\$ 378.72	C	\$ 1,299.00	\$ 65.00	9.5	C	32.59	\$ 2,118	\$ 3,417											
	2" BUSHING - PLASTIC	69	0%	69	EA	\$ 100.13	C	\$ 69.09	\$ 65.00	5.8	C	4.00	\$ 260	\$ 329											
	2" 1-H STRAP - EMT - STEEL	343	0%	343	EA	\$ 149.77	C	\$ 513.70	\$ 65.00	9.2	C	31.56	\$ 2,051	\$ 2,565											
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	343	0%	343	EA	\$ -	C	\$ -	\$ 65.00	8	C	27.44	\$ 1,784	\$ 1,784											
6	3" EMT Conduit	1324	10%	1456	FT	\$ 717.60	C	\$ 10,451.06	\$ 65.00	9.4	C	136.90	\$ 8,899	\$ 19,350											
	3" ELBOW 90 DEG - EMT	27	0%	27	EA	\$ 5,840.80	C	\$ 1,577.02	\$ 65.00	60	C	16.20	\$ 1,053	\$ 2,630											
	3" CONN SS STL - EMT	27	0%	27	EA	\$ 1,323.27	C	\$ 357.28	\$ 65.00	28	C	7.56	\$ 491	\$ 849											
	3" COUPLING SS STL - EMT	133	0%	133	EA	\$ 935.68	C	\$ 1,244.46	\$ 65.00	12	C	15.96	\$ 1,037	\$ 2,282											
	3" BUSHING - PLASTIC	27	0%	27	EA	\$ 190.20	C	\$ 51.35	\$ 65.00	8.4	C	2.27	\$ 147	\$ 199											
	3" 1-H STRAP - RMC / EMT - STEEL	133	0%	133	EA	\$ 527.35	C	\$ 701.38	\$ 65.00	13.4	C	17.82	\$ 1,158	\$ 1,860											
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	133	0%	133	EA	\$ -	C	\$ -	\$ 65.00	12	C	15.96	\$ 1,037	\$ 1,037											
7	2" PVC SCH. 40 Conduit	560	10%	616	FT	\$ 124.41	C	\$ 766.01	\$ 65.00	6.8	C	41.87	\$ 2,721	\$ 3,487											
	2" ELBOW 90 DEG - RMC - GALV	9	0%	9	EA	\$ 3,780.00	C	\$ 340.20	\$ 65.00	65	C	5.85	\$ 380	\$ 720											
	2" LOCKNUT - STEEL	12	0%	12	EA	\$ 126.35	C	\$ 15.16	\$ 65.00	6.8	C	0.82	\$ 53	\$ 68											
	2" COUPLING - PVC	56	0%	56	EA	\$ 79.16	C	\$ 44.33	\$ 65.00	0	C	0.00	\$ -	\$ 44											
	2" ADAPTER FEM - PVC	12	0%	12	EA	\$ 230.94	C	\$ 27.71	\$ 65.00	18	C	2.16	\$ 140	\$ 168											
8	2-1/2" PVC SCH. 40 Conduit	1028	10%	1131	FT	\$ 207.10	C	\$ 2,341.88	\$ 65.00	8.8	C	99.51	\$ 6,468	\$ 8,810											
	2 1/2" ELBOW 90 DEG - RMC - GALV	16	0%	16	EA	\$ 7,702.24	C	\$ 1,232.36	\$ 65.00	95	C	15.20	\$ 988	\$ 2,220											
	2 1/2" LOCKNUT - STEEL	21	0%	21	EA	\$ 289.08	C	\$ 60.71	\$ 65.00	8.5	C	1.79	\$ 116	\$ 177											
	2 1/2" COUPLING - PVC	102	0%	102	EA	\$ 144.31	C	\$ 147.20	\$ 65.00	0	C	0.00	\$ -	\$ 147											
	2 1/2" ADAPTER FEM - PVC	21	0%	21	EA	\$ 579.06	C	\$ 121.60	\$ 65.00	23	C	4.83	\$ 314	\$ 436											
9	3" PVC SCH. 40 Conduit	2234	10%	2457	FT	\$ 236.41	C	\$ 5,809.53	\$ 65.00	9.8	C	240.83	\$ 15,654	\$ 21,463											
	3" ELBOW 90 DEG - RMC - GALV	34	0%	34	EA	\$ 10,422.72	C	\$ 3,543.72	\$ 65.00	125	C	42.50	\$ 2,763	\$ 6,306											
	3" LOCKNUT - STEEL	45	0%	45	EA	\$ 341.50	C	\$ 153.67	\$ 65.00	9.8	C	4.41	\$ 287	\$ 440											
	3" COUPLING - PVC	223	0%	223	EA	\$ 228.26	C	\$ 509.01	\$ 65.00	0	C	0.00	\$ -	\$ 509											
	3" ADAPTER FEM - PVC	45	0%	45	EA	\$ 631.66	C	\$ 284.25	\$ 65.00	28	C	12.60	\$ 819	\$ 1,103											
10	3/4" IMC Conduit	45	10%	49	FT	\$ 186.76	C	\$ 92.43	\$ 65.00	4.4	C	2.18	\$ 142	\$ 234											
	3/4" LOCKNUT - STEEL	8	0%	8	EA	\$ 23.74	C	\$ 1.90	\$ 65.00	2.3	C	0.18	\$ 12	\$ 14											
	3/4" BUSHING - PLASTIC	4	0%	4	EA	\$ 16.93	C	\$ 0.68	\$ 65.00	2	C	0.08	\$ 5	\$ 6											
	3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	2	0%	2	EA	\$ -	C	\$ -	\$ 65.00	20	C	0.40	\$ 26	\$ 26											
	3/4" SPRING STL CONDUIT CLAMP W/ BOLT	6	0%	6	EA	\$ 102.00	C	\$ 6.12	\$ 65.00	6	C	0.36	\$ 23	\$ 30											
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	6	0%	6	EA	\$ -	C	\$ -	\$ 65.00	8	C	0.48	\$ 31	\$ 31											
11	1" IMC Conduit	74	10%	81	FT	\$ 284.89	C	\$ 230.74	\$ 65.00	5.3	C	4.29	\$ 279	\$ 510											
	3/4" LOCKNUT - STEEL	12	0%	12	EA	\$ 23.74	C	\$ 2.85	\$ 65.00	2.3	C	0.28	\$ 18	\$ 21											
	3/4" BUSHING - PLASTIC	6	0%	6	EA	\$ 16.93	C	\$ 1.02	\$ 65.00	2	C	0.12	\$ 8	\$ 9											
	3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	3	0%	3	EA	\$ -	C	\$ -	\$ 65.00	20	C	0.60	\$ 39	\$ 39											
	3/4" SPRING STL CONDUIT CLAMP W/ BOLT	10	0%	10	EA	\$ 102.00	C	\$ 10.20	\$ 65.00	6	C	0.60	\$ 39	\$ 49											
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	10	0%	10	EA	\$ -	C	\$ -	\$ 65.00	8	C	0.80	\$ 52	\$ 52											
12	1-1/4" IMC Conduit	433	10%	476	FT	\$ 395.10	C	\$ 1,881.87	\$ 65.00	6.1	C	29.05	\$ 1,889	\$ 3,770											
	1 1/4" COUPLING - RMC - GALV	44	0%	44	EA	\$ 657.44	C	\$ 289.27	\$ 65.00	0	C	0.00	\$ -	\$ 289											
	1 1/4" LOCKNUT - STEEL	70	0%	70	EA	\$ 59.12	C	\$ 41.39	\$ 65.00	4.65	C	3.26	\$ 212	\$ 253											
	1 1/4" BUSHING - PLASTIC	35	0%	35	EA	\$ 39.16	C	\$ 13.70	\$ 65.00	3.9	C	1.37	\$ 89	\$ 102											
	1 1/4" MEASURE CUT & THREAD LABOR - RMC - GALV	18	0%	18	EA	\$ -	C	\$ -	\$ 65.00	24.6	C	4.43	\$ 288	\$ 288											
	1 1/4" ELBOW 90 DEG - IMC - GALV	13	0%	13	EA	\$ 2,674.36	C	\$ 347.67	\$ 65.00	36	C	4.68	\$ 304	\$ 652											
	1 1/2" EMT & 1 1/4" RMC / IMC SPRING STL CLAMP W/ BOLT	44	0%	44	EA	\$ 171.17	C	\$ 75.31	\$ 65.00	7.7	C	3.39	\$ 220	\$ 296											

	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	44	0%	44	EA	\$	-	C	\$	-	\$ 65.00	8	C	3.52	\$ 229	\$ 229
13	1-1/2" IMC Conduit	5	10%	6	FT	\$	490.63	C	\$	28.98	\$ 65.00	7	C	0.41	\$ 27	\$ 56
	1 1/2" LOCKNUT - STEEL	1	0%	1	EA	\$	89.10	C	\$	0.89	\$ 65.00	6.3	C	0.06	\$ 4	\$ 5
	1 1/2" BUSHING - PLASTIC	1	0%	1	EA	\$	52.12	C	\$	0.52	\$ 65.00	5.2	C	0.05	\$ 3	\$ 4
	1 1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$	-	C	\$	-	\$ 65.00	28.6	C	0.29	\$ 19	\$ 19
	1 1/2" ELBOW 90 DEG - IMC - GALV	1	0%	1	EA	\$	3,315.18	C	\$	33.15	\$ 65.00	48	C	0.48	\$ 31	\$ 64
	1 1/2" RMC / IMC SPRING STL CLAMP W/ BOLT	1	0%	1	EA	\$	209.83	C	\$	2.10	\$ 65.00	8.7	C	0.09	\$ 6	\$ 8
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	1	0%	1	EA	\$	-	C	\$	-	\$ 65.00	8	C	0.08	\$ 5	\$ 5
14	4" IMC Conduit	720	10%	792	FT	\$	2,314.33	C	\$	18,329.53	\$ 65.00	17.3	C	137.02	\$ 8,906	\$ 27,236
	4" COUPLING - RMC - GALV	72	0%	72	EA	\$	4,645.76	C	\$	3,344.95	\$ 65.00	0	C	0.00	\$ -	\$ 3,345
	4" LOCKNUT - STEEL	116	0%	116	EA	\$	623.11	C	\$	722.81	\$ 65.00	12.6	C	14.62	\$ 950	\$ 1,673
	4" BUSHING - PLASTIC	58	0%	58	EA	\$	269.67	C	\$	156.41	\$ 65.00	10.8	C	6.26	\$ 407	\$ 564
	4" MEASURE CUT & THREAD LABOR - RMC - GALV	29	0%	29	EA	\$	-	C	\$	-	\$ 65.00	77	C	22.33	\$ 1,451	\$ 1,451
	4" ELBOW 90 DEG - IMC - GALV	22	0%	22	EA	\$	21,566.06	C	\$	4,744.53	\$ 65.00	170	C	37.40	\$ 2,431	\$ 7,176
	4" SPRING STL CONDUIT CLAMP W/ BOLT	72	0%	72	EA	\$	703.77	C	\$	506.72	\$ 65.00	20	C	14.40	\$ 936	\$ 1,443
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	72	0%	72	EA	\$	-	C	\$	-	\$ 65.00	12	C	8.64	\$ 562	\$ 562
	CONDUCTOR															
1	2#10 PV Wire	617	10%	679	LF	\$	1,220.00	M	\$	828.01	\$ 65.00	11	M	7.47	\$ 485	\$ 1,313
2	#14 CU THHN/THWN	1146	10%	1261	FT	\$	160.00	M	\$	201.70	\$ 65.00	4.6	M	5.80	\$ 377	\$ 579
3	#12 CU THHN/THWN	410	10%	451	FT	\$	220.00	M	\$	99.22	\$ 65.00	5.4	M	2.44	\$ 158	\$ 258
4	#10 CU THHN/THWN	446	10%	491	FT	\$	330.00	M	\$	161.90	\$ 65.00	6.2	M	3.04	\$ 198	\$ 360
5	#8 CU THHN/THWN	1973	10%	2170	FT	\$	770.00	M	\$	1,671.13	\$ 65.00	7	M	15.19	\$ 987	\$ 2,659
6	#6 CU THHN/THWN	2348	10%	2583	FT	\$	1,170.00	M	\$	3,021.88	\$ 65.00	8.9	M	22.99	\$ 1,494	\$ 4,516
7	#4 CU THHN/THWN	2216	10%	2438	FT	\$	1,720.00	M	\$	4,192.67	\$ 65.00	10.2	M	24.86	\$ 1,616	\$ 5,809
8	#3 CU THHN/THWN	4359	10%	4795	FT	\$	2,170.00	M	\$	10,404.93	\$ 65.00	11.9	M	57.06	\$ 3,709	\$ 14,114
9	#2 CU THHN/THWN	60	10%	66	FT	\$	2,810.00	M	\$	185.92	\$ 65.00	12.4	M	0.82	\$ 53	\$ 239
10	#1 CU THHN/THWN	3276	10%	3604	FT	\$	3,070.00	M	\$	11,063.05	\$ 65.00	13.5	M	48.65	\$ 3,162	\$ 14,225
11	#1/0 CU THHN/THWN	9292	10%	10221	FT	\$	3,750.00	M	\$	38,329.50	\$ 65.00	14.2	M	145.14	\$ 9,434	\$ 47,764
12	#3/0 CU THHN/THWN	9606	10%	10567	FT	\$	5,910.00	M	\$	62,448.61	\$ 65.00	18.8	M	198.65	\$ 12,912	\$ 75,361
13	#250 KCMIL CU THHN/THWN	5436	10%	5980	FT	\$	8,520.00	M	\$	50,946.19	\$ 65.00	24.2	M	144.71	\$ 9,406	\$ 60,352
14	#350 KCMIL CU THHN/THWN	8176	10%	8994	FT	\$	12,510.00	M	\$	112,509.94	\$ 65.00	31.5	M	283.30	\$ 18,414	\$ 130,924
15	#400 KCMIL CU THHN/THWN	8936	10%	9830	FT	\$	13,600.00	M	\$	133,682.56	\$ 65.00	35.2	M	346.00	\$ 22,490	\$ 156,173
	PANELS															
1	Panel ELS1: 40A, 208Y/120V, 3PH, 4W, Mains: MCB, 10KAIC, 24 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	2.5	E	2.50	\$ 163	\$ 163
2	Panel ESB1: 80A, 208Y/120V, 3PH, 4W, Mains: MCB, 10KAIC, 24 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3	E	3.00	\$ 195	\$ 195
3	Panel KP1: 400A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 84 Poles, Flush Mounted, NEMA 1 With SPD (2-Sections) Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	9	E	9.00	\$ 585	\$ 585
4	Panel KP2: 200A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Flush Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	4	E	4.00	\$ 260	\$ 260
5	Panel N1LA: 100A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
6	Panel N1LB: 100A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
7	Panel N1LC: 100A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
8	Panel N1MA: 800A, 208Y/120V, 3PH, 4W, Mains: MLO, 25KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD (2-Sections) Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	16	E	16.00	\$ 1,040	\$ 1,040
9	Panel N1MB: 200A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	4	E	4.00	\$ 260	\$ 260
10	Panel N1MC: 400A, 208Y/120V, 3PH, 4W, Mains: MLO, 25KAIC, 54 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	4.5	E	4.50	\$ 293	\$ 293
11	Panel N1PA: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD (2-Sections) Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	7	E	7.00	\$ 455	\$ 455
12	Panel N1PA2: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
13	Panel N1PB: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228

14	Panel N1PC: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	7	E	7.00	\$ 455	\$ 455
15	Panel N1PC2: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 54 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
16	Panel NGIT: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 25KAIC, 54 Poles, Flush Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
17	Panel NGL1: 100A, 208Y/120V, 3PH, 4W, Mains: MLO, 25KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
18	Panel NGM1: 400A, 208Y/120V, 3PH, 4W, Mains: MLO, 35KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	9	E	9.00	\$ 585	\$ 585
19	Panel NGP1: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 25KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD (2-Sections) Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	7	E	7.00	\$ 455	\$ 455
20	Panel NGP2: 150A, 208Y/120V, 3PH, 4W, Mains: MLO, 25KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD (2-Sections) Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	7	E	7.00	\$ 455	\$ 455
21	Panel NMP: 225A, 208Y/120V, 3PH, 4W, Mains: MLO, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	4	E	4.00	\$ 260	\$ 260
BREAKERS																
1	1P/20A Breaker	905	0%	905	EA	\$	-	E	\$	-	\$ 65.00	0.15	E	135.75	\$ 8,824	\$ 8,824
2	1P/25A Breaker	2	0%	2	EA	\$	-	E	\$	-	\$ 65.00	0.15	E	0.30	\$ 20	\$ 20
3	1P/90A Breaker	2	0%	2	EA	\$	-	E	\$	-	\$ 65.00	0.3	E	0.60	\$ 39	\$ 39
4	2P/20A Breaker	6	0%	6	EA	\$	-	E	\$	-	\$ 65.00	0.25	E	1.50	\$ 98	\$ 98
5	2P/25A Breaker	3	0%	3	EA	\$	-	E	\$	-	\$ 65.00	0.25	E	0.75	\$ 49	\$ 49
6	2P/30A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.25	E	0.25	\$ 16	\$ 16
7	2P/35A Breaker	16	0%	16	EA	\$	-	E	\$	-	\$ 65.00	0.25	E	4.00	\$ 260	\$ 260
8	3P/15A Breaker	4	0%	4	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	1.60	\$ 104	\$ 104
9	3P/20A Breaker	21	0%	21	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	8.40	\$ 546	\$ 546
10	3P/250A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	1.8	E	1.80	\$ 117	\$ 117
11	3P/25A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	0.40	\$ 26	\$ 26
12	3P/30A Breaker	12	0%	12	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	4.80	\$ 312	\$ 312
13	3P/35A Breaker	20	0%	20	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	8.00	\$ 520	\$ 520
14	3P/40A Breaker	6	0%	6	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	2.40	\$ 156	\$ 156
15	3P/40A MCB	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.75	E	0.75	\$ 49	\$ 49
16	3P/45A Breaker	4	0%	4	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	1.60	\$ 104	\$ 104
17	3P/50A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	0.40	\$ 26	\$ 26
18	3P/80A MCB	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.75	E	0.75	\$ 49	\$ 49
19	3P/90A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	0.40	\$ 26	\$ 26
20	3P/100A Breaker	2	0%	2	EA	\$	-	E	\$	-	\$ 65.00	0.75	E	1.50	\$ 98	\$ 98
21	3P/175A Breaker	2	0%	2	EA	\$	-	E	\$	-	\$ 65.00	1.2	E	2.40	\$ 156	\$ 156
DEVICES																
1	Switchboard MSB, 3000A, 208Y/120V, 3 Phase, 4 Wire, 100KAIC, Square D QED-2 Style	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	36	E	36.00	\$ 2,340	\$ 2,340
	SPD	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	1	E	1.00	\$ 65	\$ 65
	3P/3000A 100% Service Rated	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	8	E	8.00	\$ 520	\$ 520
	3P/100A Breaker	4	0%	4	EA	\$	-	E	\$	-	\$ 65.00	0.75	E	3.00	\$ 195	\$ 195
	3P/150A Breaker	9	0%	9	EA	\$	-	E	\$	-	\$ 65.00	1.2	E	10.80	\$ 702	\$ 702
	3P/800A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
	3P/200A Breaker	2	0%	2	EA	\$	-	E	\$	-	\$ 65.00	1.2	E	2.40	\$ 156	\$ 156
	3P/400A Breaker	4	0%	4	EA	\$	-	E	\$	-	\$ 65.00	1.8	E	7.20	\$ 468	\$ 468
	3P/200A Shunt Trip Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	1.5	E	1.50	\$ 98	\$ 98
	3P/125A Breaker	3	0%	3	EA	\$	-	E	\$	-	\$ 65.00	1.2	E	3.60	\$ 234	\$ 234
	3P/225A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	1.8	E	1.80	\$ 117	\$ 117
	3P/90A Breaker	4	0%	4	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	1.60	\$ 104	\$ 104
	3P/600A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	2.5	E	2.50	\$ 163	\$ 163
	3P/20A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	0.40	\$ 26	\$ 26
	3P/50A Breaker	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.4	E	0.40	\$ 26	\$ 26
	Digital Meter Square "D" #PM620	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	1.5	E	1.50	\$ 98	\$ 98
2	100A CT Cabinet For PV	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3.5	E	3.50	\$ 228	\$ 228
3	By Pass Transfer Switch 200A, 208Y/120V, 3 Phase	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	7	E	7.00	\$ 455	\$ 455
4	Elevator Controller	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	2.5	E	2.50	\$ 163	\$ 163
5	ILSCO Mechanical Splice NEMA 1 Enclosure	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	2	E	2.00	\$ 130	\$ 130
6	Inverter 30kW, SOL-ARK MODEL #30K-3P-208V-N WITH BY-PASS TRANSFER SWITCH	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	11	E	11.00	\$ 715	\$ 715
7	Inverter EI-LS, 10KW, 208/120V, 3 Phase, With 120 Min Run Time, Model: Trystar EON-LX-10KW-1E01	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	7	E	7.00	\$ 455	\$ 455
8	Inverter EI-SB, 22KW, 208/120V, 3 Phase, With 120 Min Run Time, Model: Trystar EON-LX-22KW-1E01	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	9.5	E	9.50	\$ 618	\$ 618
9	Limiter Sensor Cable 10'	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.25	E	0.25	\$ 16	\$ 16
10	Lithium Battery SOL-ARK L3 Series HV-40KWH	2	0%	2	EA	\$	-	E	\$	-	\$ 65.00	1.5	E	3.00	\$ 195	\$ 195
11	Normally Open Latching Emergency Stop Button	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	0.65	E	0.65	\$ 42	\$ 42
12	Storm Shelter Battery System Remote Alarm Panel	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3	E	3.00	\$ 195	\$ 195
13	Wire Trough Enclosure NEMA 1 With Piano Hinged Cover	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	2.5	E	2.50	\$ 163	\$ 163
14	390W Solar Module	100	0%	100	EA	\$	-	E	\$	-	\$ 65.00	2	E	200.00	\$ 13,000	\$ 13,000
15	CC-KIT-H Equipment Control Contractor Cabinet, 30A, 600V Rated Contacts, 120V Control Coil In NEMA 1 Enclosure, 4 Pole, ASCO #917 SERIES	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	2	E	2.00	\$ 130	\$ 130
16	CC-KIT-RH Equipment Control Contractor Cabinet, 30A, 600V Rated Contacts, 120V Control Coil In NEMA 1 Enclosure, 10 Poles ASCO #917 SERIES	1	0%	1	EA	\$	-	E	\$	-	\$ 65.00	3	E	3.00	\$ 195	\$ 195

	Quotation For Switchgear (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E						E	0.00	\$	-	\$	-	
	DISCONNECT SWITCH																		
1	\$2m - 2-Pole Non-Reversing Motor Starter Snap Switch	2	0%	2	EA	\$		E	\$	-	\$	65	0.35	E	0.70	\$	46	\$	46
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$	8	\$	65	23	C	0.46	\$	30	\$	38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$	110.87	C	\$	2	\$	65	2.5	C	0.05	\$	3	\$	5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$	97.46	C	\$	2	\$	65	3	C	0.06	\$	4	\$	6
	#8x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$	14.58	C	\$	1	\$	65	2.6	C	0.10	\$	7	\$	7
	1G TGL SWITCH PLATE - PLASTIC IVY	2	0%	2	EA	\$	89.00	C	\$	2	\$	65	3	C	0.06	\$	4	\$	6
2	\$m - Non-Reversing Motor Starter Snap Switch	48	0%	48	EA	\$		E	\$	-	\$	65	0.3	E	14.40	\$	936	\$	936
	4 x 1 1/2" SQ BOX COMB KO	48	0%	48	EA	\$	404.00	C	\$	194	\$	65	23	C	11.04	\$	718	\$	912
	4" SQ 1G PLSTR RING 5/8" RISE	48	0%	48	EA	\$	110.87	C	\$	53	\$	65	2.5	C	1.20	\$	78	\$	131
	GROUND SCREW W/ INSUL #12 LEAD	48	0%	48	EA	\$	97.46	C	\$	47	\$	65	3	C	1.44	\$	94	\$	140
	#8x 3/4 P/H SELF-TAP SCREW	96	0%	96	EA	\$	14.58	C	\$	14	\$	65	2.6	C	2.50	\$	162	\$	176
	1G TGL SWITCH PLATE - PLASTIC IVY	48	0%	48	EA	\$	89.00	C	\$	43	\$	65	3	C	1.44	\$	94	\$	136
3	\$m - Non-Reversing Motor Starter Snap Switch, NEMA 3R	3	0%	3	EA	\$		E	\$	-	\$	65	0.35	E	1.05	\$	68	\$	68
	4 x 1 1/2" SQ BOX COMB KO	3	0%	3	EA	\$	404.00	C	\$	12	\$	65	23	C	0.69	\$	45	\$	57
	4" SQ 1G PLSTR RING 5/8" RISE	3	0%	3	EA	\$	110.87	C	\$	3	\$	65	2.5	C	0.08	\$	5	\$	8
	GROUND SCREW W/ INSUL #12 LEAD	3	0%	3	EA	\$	97.46	C	\$	3	\$	65	3	C	0.09	\$	6	\$	9
	#8x 3/4 P/H SELF-TAP SCREW	6	0%	6	EA	\$	14.58	C	\$	1	\$	65	2.6	C	0.16	\$	10	\$	11
	1G TGL SWITCH PLATE - WP	3	0%	3	EA	\$	89.00	E	\$	267	\$	65	10	C	0.30	\$	20	\$	287
4	1P/20A Disconnect Switch	1	0%	1	EA	\$		E	\$	-	\$	65	0.8	E	0.80	\$	52	\$	52
5	3P/30A, 208V Combination Starter / Disconnect Switch, NEMA 1With Full Voltage Individual Control Transformer (250V-120V) And H.O.A Selector Switch	2	0%	2	EA	\$		E	\$	-	\$	65	1.5	E	3.00	\$	195	\$	195
6	3P/30A, 250V Fusible Disconnect Switch NEMA 1	1	0%	1	EA	\$		E	\$	-	\$	65	1.1	E	1.10	\$	72	\$	72
7	3P/30A, 250V Fusible Disconnect Switch, NEMA 3R	5	0%	5	EA	\$		E	\$	-	\$	65	1.2	E	6.00	\$	390	\$	390
8	3P/30A, 250V Heavy Duty Disconnect Switch With NEMA 1 Enclosure	6	0%	6	EA	\$		E	\$	-	\$	65	1.1	E	6.60	\$	429	\$	429
9	3P/45A Disconnect Switch, NEMA 1	1	0%	1	EA	\$		E	\$	-	\$	65	1.25	E	1.25	\$	81	\$	81
10	3P/60A, 250V Fusible Disconnect Switch, NEMA 3R	1	0%	1	EA	\$		E	\$	-	\$	65	1.55	E	1.55	\$	101	\$	101
11	3P/150A, 250V Fusible Disconnect Switch, NEMA 1	1	0%	1	EA	\$		E	\$	-	\$	65	2.5	E	2.50	\$	163	\$	163
12	3P/200A, 250V Fusible Disconnect Switch NEMA 1	2	0%	2	EA	\$		E	\$	-	\$	65	3	E	6.00	\$	390	\$	390
13	3P/250A, 250V Fusible Disconnect Switch NEMA 1	1	0%	1	EA	\$		E	\$	-	\$	65	3.4	E	3.40	\$	221	\$	221
14	3P/30A, 250V Fusible Disconnect Switch, NEMA 3R (For Ticket Booth)	3	0%	3	EA	\$		E	\$	-	\$	65	1.2	E	3.60	\$	234	\$	234
15	3P 60A 240VAC Heavy Duty PV Rated 40A Fused NEMA 1 Disconnect Switch	1	0%	1	EA	\$		E	\$	-	\$	65	1.5	E	1.50	\$	98	\$	98
16	3P 100A 240VAC Heavy Duty PV Rated Fused 100A NEMA 1 Disconnect Switch	1	0%	1	EA	\$		E	\$	-	\$	65	1.9	E	1.90	\$	124	\$	124
17	3P 100A 240VAC Heavy Duty PV Rated Fused NEMA 1 Disconnect Switch	1	0%	1	EA	\$		E	\$	-	\$	65	1.9	E	1.90	\$	124	\$	124
18	3P 200A Heavy Duty Fused NEMA 1 Disconnect Switch For Elevator	1	0%	1	EA	\$		E	\$	-	\$	65	3	E	3.00	\$	195	\$	195
19	3P 30A 240VAC Heavy Duty PV Rated Fused NEMA 1 Disconnect	1	0%	1	EA	\$		E	\$	-	\$	65	1.1	E	1.10	\$	72	\$	72
20	3P 30A 240VAC Heavy Duty PV Rated Fused NEMA 1 Disconnect	1	0%	1	EA	\$		E	\$	-	\$	65	1.1	E	1.10	\$	72	\$	72
21	AH14 Gauge Steel 24"W x 24"H x 6"D NEMA 1 Enclosure, HOFFMAN #A-24N24A	1	0%	1	EA	\$		E	\$	-	\$	65	2	E	2.00	\$	130	\$	130
	3 Position (Center Off) Hesitation Type Key Switch With Stainless Steel Cover Plate	14	0%	14	EA	\$		E	\$	-	\$	65	0.85	E	11.90	\$	774	\$	774
22	VFD-1: 30 HP, 208V, 3PH, 60 HZ	3	0%	3	EA	\$		E	\$	-	\$	65.00	3.5	E	10.50	\$	683	\$	683
23	VFD-2: 1.5 HP, 208V, 3PH, 60 HZ	2	0%	2	EA	\$		E	\$	-	\$	65.00	3	E	6.00	\$	390	\$	390
24	VFD-3: 5 HP, 208V, 3PH, 60 HZ,	2	0%	2	EA	\$		E	\$	-	\$	65.00	3	E	6.00	\$	390	\$	390
25	VFD-RF: 7.5 HP	1	0%	1	EA	\$		E	\$	-	\$	65.00	3	E	3.00	\$	195	\$	195
26	VFD-RF: 20 HP	1	0%	1	EA	\$		E	\$	-	\$	65.00	3	E	3.00	\$	195	\$	195
27	VFD-SF: 15 HP, 208V, 3PH	1	0%	1	EA	\$		E	\$	-	\$	65.00	3	E	3.00	\$	195	\$	195
28	VFD-SF: 20 HP 208V, 3PH	1	0%	1	EA	\$		E	\$	-	\$	65.00	3	E	3.00	\$	195	\$	195
	Quotation For disconnects (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E							E	0.00	\$	-	\$	-
	GROUNDING																		
1	PBB: Primary Bus Bar Pre-Drilled Electro-Tin Plated Copper Ground Bar 1/4" x 4" x 20" With (2) 2" Insulated Standoffs	1	0%	1	EA	\$	320.00	E	\$	320.00	\$	65.00	1.5	M	0.00	\$	0	\$	320
2	SBB: Secondary Bus Bar pre-Drilled Electro-Tin Plated Copper Ground Bar 1/4" x 4" x 12" With (2) 2" Insulated Standoffs	3	0%	3	EA	\$	198.99	E	\$	596.97	\$	65.00	1.5	M	0.00	\$	0	\$	597
	LIGHTNING PROTECTION																		
1	10' Ground Rod (Quantity Assumed)	10	0%	10	EA	\$	89.00	E	\$	890.00	\$	65.00	1	E	10.00	\$	650	\$	1,540
2	#4/0 Bare Copper Ground Ring Wire	1344	10%	1478	FT	\$	5,502.40	M	\$	8,132.51	\$	65.00	28	M	41.38	\$	2,690	\$	10,822
3	Main Lightning Protection Conductor	1800	10%	1980	FT	\$	5,502.40	M	\$	10,894.75	\$	65.00	28	M	55.44	\$	3,604	\$	14,498
4	Lightning Protection Down Conductors	450	10%	495	FT	\$	2,700.00	M	\$	1,336.50	\$	65.00	20	M	9.90	\$	644	\$	1,980
5	Lightning Protection Air Terminal	95	0%	95	EA	\$	65.98	E	\$	6,268.10	\$	65.00	0.8	E	76.00	\$	4,940	\$	11,208
6	1" PVC SCH. 40 Conduit	450	10%	495	FT	\$	61.02	C	\$	302.04	\$	65.00	4.2	C	20.79	\$	1,351	\$	1,653
	1" ELBOW 90 DEG - RMC - GALV	7	0%	7	EA	\$	1,447.04	C	\$	101.29	\$	65.00	32	C	2.24	\$	146	\$	247
	1" LOCKNUT - STEEL	9	0%	9	EA	\$	40.91	C	\$	3.68	\$	65.00	3.1	C	0.28	\$	18	\$	22
	1" COUPLING - PVC	7	0%	7	EA	\$	32.69	C	\$	2.29	\$	65.00	0	C	0.00	\$	-	\$	2
	1" ADAPTER FEM - PVC	9	0%	9	EA	\$	120.62	C	\$	10.86	\$	65.00	12	C	1.08	\$	70	\$	81
7	Exothermic Weld	40	0%	40	EA	\$	78.99	E	\$	3,159.60	\$	65.00	0.65	E	26.00	\$	1,690	\$	4,850
8	Clamps	300	0%	300	EA	\$	4.78	E	\$	1,434.00	\$	65.00	0.15	E	45.00	\$	2,925	\$	4,359
	POWER																		
	CONDUITS																		
1	3/4" EMT Conduit	39065	10%	42972	FT	\$	96.99	C	\$	41,678.92	\$	65.00	3.2	C	1375.09	\$	89,381	\$	131,060
	3/4" CONN SS STL - EMT	782	0%	782	EA	\$	68.60	C	\$	536.45	\$	65.00	10	C	78.20	\$	5,083	\$	5,619
	3/4" COUPLING SS STL - EMT	3907	0%	3907	EA	\$	58.99	C	\$	2,304.75	\$	65.00	4	C	156.28	\$	10,158	\$	12,463
	3/4" 1-H STRAP - EMT - STEEL	3907	0%	3907	EA	\$	29.99	C	\$	1,171.85	\$	65.00	5.4	C	210.98	\$	13,714	\$	14,885
	4x 1 1/2" SQ BOX COMB KO	196	0%	196	EA	\$	404.00	C	\$	791.84	\$	65.00	23	C	45.08	\$	2,930	\$	3,722
	4" SQ BLANK COVER	196	0%	196	EA	\$	81.23	C	\$	159.22	\$	65.00	2.5	C	4.90	\$	319	\$	478
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	3907	0%	3907	EA	\$	3.86	C	\$	150.97	\$	65.00	6	C	234.42	\$	15,237	\$	15,388
	#10 x 1 P/H SELF-TAP SCREW	1954	0%	1954	EA	\$	1												

	1 1/4" CONN SS STL - EMT	5	0%	5	EA	\$ 353.28	C	\$ 17.66	\$ 65.00	14	C	0.70	\$ 46	\$ 63
	1 1/4" COUPLING SS STL - EMT	24	0%	24	EA	\$ 203.32	C	\$ 48.80	\$ 65.00	6.5	C	1.56	\$ 101	\$ 150
	1 1/4" BUSHING - PLASTIC	5	0%	5	EA	\$ 39.16	C	\$ 1.96	\$ 65.00	3.9	C	0.20	\$ 13	\$ 15
	1 1/4" 1-H STRAP - EMT - STEEL	24	0%	24	EA	\$ 70.82	C	\$ 17.00	\$ 65.00	7	C	1.68	\$ 109	\$ 126
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	24	0%	24	EA	\$	C	\$	\$ 65.00	8	C	1.92	\$ 125	\$ 125
4	1-1/2" EMT Conduit	60	10%	66	FT	\$ 321.46	C	\$ 212.17	\$ 65.00	5.92	C	3.91	\$ 254	\$ 466
	1 1/2" ELBOW 90 DEG - EMT	2	0%	2	EA	\$ 1,286.88	C	\$ 25.74	\$ 65.00	40	C	0.80	\$ 52	\$ 78
	1 1/2" CONN SS STL - EMT	2	0%	2	EA	\$ 245.03	C	\$ 4.90	\$ 65.00	17	C	0.34	\$ 22	\$ 27
	1 1/2" COUPLING SS STL - EMT	6	0%	6	EA	\$ 297.15	C	\$ 17.83	\$ 65.00	8	C	0.48	\$ 31	\$ 49
	1 1/2" BUSHING - PLASTIC	2	0%	2	EA	\$ 52.12	C	\$ 1.04	\$ 65.00	5.2	C	0.10	\$ 7	\$ 8
	1 1/2" 1-H STRAP - EMT - STEEL	6	0%	6	EA	\$ 103.02	C	\$ 6.18	\$ 65.00	7.8	C	0.47	\$ 30	\$ 37
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	6	0%	6	EA	\$	C	\$	\$ 65.00	8	C	0.48	\$ 31	\$ 31
5	2" EMT Conduit	36.43	10%	40	FT	\$ 392.94	C	\$ 157.46	\$ 65.00	6.8	C	2.72	\$ 177	\$ 335
	2" ELBOW 90 DEG - EMT	1	0%	1	EA	\$ 1,841.28	C	\$ 18.41	\$ 65.00	45	C	0.45	\$ 29	\$ 48
	2" CONN SS STL - EMT	1	0%	1	EA	\$ 335.25	C	\$ 3.35	\$ 65.00	20	C	0.20	\$ 13	\$ 16
	2" COUPLING SS STL - EMT	4	0%	4	EA	\$ 378.72	C	\$ 15.15	\$ 65.00	9.5	C	0.38	\$ 25	\$ 40
	2" BUSHING - PLASTIC	1	0%	1	EA	\$ 100.13	C	\$ 1.00	\$ 65.00	5.8	C	0.06	\$ 4	\$ 5
	2" 1-H STRAP - EMT - STEEL	4	0%	4	EA	\$ 149.77	C	\$ 5.99	\$ 65.00	9.2	C	0.37	\$ 24	\$ 30
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	4	0%	4	EA	\$	C	\$	\$ 65.00	8	C	0.32	\$ 21	\$ 21
6	2-1/2" EMT Conduit	59.46	10%	65	FT	\$ 566.84	C	\$ 370.75	\$ 65.00	8.3	C	5.43	\$ 353	\$ 724
	2 1/2" ELBOW 90 DEG - EMT	2	0%	2	EA	\$ 3,776.64	C	\$ 75.53	\$ 65.00	50	C	1.00	\$ 65	\$ 141
	2 1/2" CONN SS STL - EMT	2	0%	2	EA	\$ 1,016.47	C	\$ 20.33	\$ 65.00	24	C	0.48	\$ 31	\$ 52
	2 1/2" COUPLING SS STL - EMT	6	0%	6	EA	\$ 847.58	C	\$ 50.85	\$ 65.00	11	C	0.66	\$ 43	\$ 94
	2 1/2" BUSHING - PLASTIC	2	0%	2	EA	\$ 163.87	C	\$ 3.28	\$ 65.00	7	C	0.14	\$ 9	\$ 12
	2 1/2" 1-H STRAP - RMC / EMT - STEEL	6	0%	6	EA	\$ 488.64	C	\$ 29.32	\$ 65.00	11.2	C	0.67	\$ 44	\$ 73
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	6	0%	6	EA	\$	C	\$	\$ 65.00	12	C	0.72	\$ 47	\$ 47
7	3/4" IMC Conduit	3025	10%	3328	FT	\$ 186.76	C	\$ 6,214.44	\$ 65.00	4.4	C	146.41	\$ 9,517	\$ 15,731
	3/4" LOCKNUT - STEEL	484	0%	484	EA	\$ 23.74	C	\$ 114.92	\$ 65.00	2.3	C	11.13	\$ 724	\$ 839
	3/4" BUSHING - PLASTIC	242	0%	242	EA	\$ 16.93	C	\$ 40.98	\$ 65.00	2	C	4.84	\$ 315	\$ 356
	3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	121	0%	121	EA	\$	C	\$	\$ 65.00	20	C	24.20	\$ 1,573	\$ 1,573
	3/4" SPRING STL CONDUIT CLAMP W/ BOLT	379	0%	379	EA	\$ 102.00	C	\$ 386.57	\$ 65.00	6	C	22.74	\$ 1,478	\$ 1,865
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	379	0%	379	EA	\$	C	\$	\$ 65.00	8	C	30.32	\$ 1,971	\$ 1,971
8	2-1/2" IMC Conduit	120	10%	132	FT	\$ 1,213.67	C	\$ 1,602.04	\$ 65.00	11.4	C	15.05	\$ 978	\$ 2,580
	2 1/2" COUPLING - RMC - GALV	12	0%	12	EA	\$ 2,889.60	C	\$ 346.75	\$ 65.00	0	C	0.00	\$ -	\$ 347
	2 1/2" LOCKNUT - STEEL	20	0%	20	EA	\$ 289.08	C	\$ 57.82	\$ 65.00	8.5	C	1.70	\$ 111	\$ 168
	2 1/2" BUSHING - PLASTIC	10	0%	10	EA	\$ 163.87	C	\$ 16.39	\$ 65.00	7	C	0.70	\$ 46	\$ 62
	2 1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	5	0%	5	EA	\$	C	\$	\$ 65.00	43.5	C	2.18	\$ 141	\$ 141
	2 1/2" ELBOW 90 DEG - IMC - GALV	4	0%	4	EA	\$ 8,659.91	C	\$ 346.40	\$ 65.00	84	C	3.36	\$ 218	\$ 565
	2 1/2" SPRING STL CONDUIT CLAMP W/ BOLT	12	0%	12	EA	\$ 412.91	C	\$ 49.55	\$ 65.00	12.4	C	1.49	\$ 97	\$ 146
	3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	12	0%	12	EA	\$	C	\$	\$ 65.00	12	C	1.44	\$ 94	\$ 94
9	1" PVC SCH. 40 Conduit	220	10%	242	FT	\$ 61.02	C	\$ 147.66	\$ 65.00	4.2	C	10.16	\$ 661	\$ 808
	1" ELBOW 90 DEG - RMC - GALV	4	0%	4	EA	\$ 1,447.04	C	\$ 57.88	\$ 65.00	32	C	1.28	\$ 83	\$ 141
	1" LOCKNUT - STEEL	5	0%	5	EA	\$ 40.91	C	\$ 2.05	\$ 65.00	3.1	C	0.16	\$ 10	\$ 12
	1" COUPLING - PVC	22	0%	22	EA	\$ 32.69	C	\$ 7.19	\$ 65.00	0	C	0.00	\$ -	\$ 7
	1" ADAPTER FEM - PVC	5	0%	5	EA	\$ 120.62	C	\$ 6.03	\$ 65.00	12	C	0.60	\$ 39	\$ 45
10	3/4" FMC Conduit	540	10%	594	FT	\$ 122.36	C	\$ 726.82	\$ 65.00	3.9	C	23.17	\$ 1,506	\$ 2,233
11	1" FMC Conduit	280	10%	308	FT	\$ 239.10	C	\$ 736.42	\$ 65.00	4.95	C	15.25	\$ 991	\$ 1,727
12	1-1/4" FMC Conduit	35	10%	39	FT	\$ 287.78	C	\$ 110.80	\$ 65.00	7.8	C	3.00	\$ 195	\$ 306
13	2-1/2" FMC Conduit	35	10%	39	FT	\$ 706.13	C	\$ 271.86	\$ 65.00	15.8	C	6.08	\$ 395	\$ 667
CONDUCTOR														
1	#14 CU THHN/THWN	9600	10%	10560	FT	\$ 160.00	M	\$ 1,689.60	\$ 65.00	4.6	M	48.58	\$ 3,157	\$ 4,847
2	#12 CU THHN/THWN	102188	10%	112407	FT	\$ 220.00	M	\$ 24,729.50	\$ 65.00	5.4	M	607.00	\$ 39,455	\$ 64,184
3	#10 CU THHN/THWN	102083	10%	112291	FT	\$ 330.00	M	\$ 37,056.13	\$ 65.00	6.2	M	696.21	\$ 45,253	\$ 82,310
4	#8 CU THHN/THWN	71254	10%	78379	FT	\$ 770.00	M	\$ 60,352.14	\$ 65.00	7	M	548.66	\$ 35,663	\$ 96,015
5	#6 CU THHN/THWN	156	10%	172	FT	\$ 1,170.00	M	\$ 200.77	\$ 65.00	8.9	M	1.53	\$ 99	\$ 300
6	#4 CU THHN/THWN	59	10%	65	FT	\$ 1,720.00	M	\$ 112.50	\$ 65.00	10.2	M	0.67	\$ 43	\$ 156
7	#3 CU THHN/THWN	756	10%	832	FT	\$ 2,170.00	M	\$ 1,804.57	\$ 65.00	11.9	M	9.90	\$ 643	\$ 2,448
8	#2/0 CU THHN/THWN	588	10%	647	FT	\$ 4,870.00	M	\$ 3,149.92	\$ 65.00	16.2	M	10.48	\$ 681	\$ 3,831
9	#250 KCMIL CU THHN/THWN	177	10%	195	FT	\$ 8,520.00	M	\$ 1,658.84	\$ 65.00	24.2	M	4.71	\$ 306	\$ 1,965
DEVICES														
1	Door Controller (Only Installation)	6	0%	6	EA	\$	E	\$	\$ 65.00	1.5	E	9.00	\$ 585	\$ 585
2	Door Operator (Only Installation)	3	0%	3	EA	\$	E	\$	\$ 65.00	1	E	3.00	\$ 195	\$ 195
3	Horn/Strobe (Only Installation)	3	0%	3	EA	\$	E	\$	\$ 65.00	0.65	E	1.95	\$ 127	\$ 127
	4 x 1 1/2" SQ BOX COMB KO	3	0%	3	EA	\$ 404.00	C	\$ 12.12	\$ 65.00	23	C	0.69	\$ 45	\$ 57
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	6	0%	6	EA	\$ 10.29	C	\$ 0.62	\$ 65.00	6	C	0.36	\$ 23	\$ 24
	#10x 1 P/H SELF-TAP SCREW	6	0%	6	EA	\$ 13.91	C	\$ 0.83	\$ 65.00	3	C	0.18	\$ 12	\$ 13
4	Door Bell Audio/Visual Station	1	0%	1	EA	\$ 83.98	E	\$ 83.98	\$ 65.00	0.4	E	0.40	\$ 26	\$ 110
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4
5	Door Bell Push Button With Transformer	1	0%	1	EA	\$ 54.86	E	\$ 54.86	\$ 65.00	0.65	E	0.65	\$ 42	\$ 97
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4
6	Duplex Receptacle With SS Plate	4	0%	4	EA	\$ 195.99	E	\$ 783.96	\$ 65.00	1.8	E	7.20	\$ 468	\$ 1,252
7	Duplex Receptacle	370	0%	370	EA	\$ 913.25	C	\$ 3,379.03	\$ 65.00	20	C	74.00	\$ 4,810	\$ 8,189
	4 x 1 1/2" SQ BOX COMB KO	370	0%	370	EA	\$ 404.00	C	\$ 1,494.80	\$ 65.00	23	C	85.10	\$ 5,532	\$ 7,026
	4" SQ 1G PLSTR RING 5/8" RISE	370	0%	370	EA	\$ 110.87	C	\$ 410.21	\$ 65.00	2.5	C	9.25	\$ 601	\$ 1,011
	GROUND SCREW W/ INSUL #12 LEAD	370	0%	370	EA	\$ 97.46	C	\$ 360.61	\$ 65.00	3	C	11.10	\$ 722	\$ 1,082
	#10x 3/4 P/H SELF-TAP SCREW	740	0%	740	EA	\$ 12.04	C	\$ 89.10	\$ 65.00	2.8	C	20.72	\$ 1,347	\$ 1,436
	1G DUPLEX REC PLATE - PLASTIC IVY	370	0%	370	EA	\$ 86.00	C	\$ 318.20	\$ 65.00	2.7	C	9.99	\$ 649	\$ 968
8	Duplex Receptacle With Subscript BS	2	0%	2	EA	\$ 913.25	C	\$ 18.27	\$ 65.00	20	C	0.40	\$ 26	\$ 44
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.00	C	\$ 8.08	\$ 65.00	23	C	0.46	\$ 30	\$ 38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 110.87	C	\$ 2.22	\$ 65.00	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 97.46	C	\$ 1.95	\$ 65.00	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.04	C	\$ 0.48	\$ 65.00	2.8	C	0.11	\$ 7	\$ 8
	1G DUPLEX REC PLATE - PLASTIC IVY	2	0%	2	EA	\$ 86.00	C	\$ 1.72	\$ 65.00	2.7	C	0.05	\$ 4	\$ 5
9	Duplex Receptacle, Above Counter	25	0%	25	EA	\$ 913.25	C	\$ 228.31	\$ 65.00	20	C	5.00	\$ 325	\$ 593
	4 x 1 1/2" SQ BOX COMB KO	25	0%	25	EA	\$ 404.00	C	\$ 101.00	\$ 65.00	23	C	5.75	\$ 374	\$ 475

	4" SQ 1G PLSTR RING 5/8" RISE	25	0%	25	EA	\$ 110.87	C	\$ 27.72	\$ 65.00	2.5	C	0.63	\$ 41	\$ 68
	GROUND SCREW W/ INSUL #12 LEAD	25	0%	25	EA	\$ 97.46	C	\$ 24.37	\$ 65.00	3	C	0.75	\$ 49	\$ 73
	#10x 3/4 P/H SELF-TAP SCREW	50	0%	50	EA	\$ 12.04	C	\$ 6.02	\$ 65.00	2.8	C	1.40	\$ 91	\$ 97
	1G DUPLEX REC PLATE - PLASTIC IVY	25	0%	25	EA	\$ 86.00	C	\$ 21.50	\$ 65.00	2.7	C	0.68	\$ 44	\$ 65
10	Duplex Receptacle-GFCI	42	0%	42	EA	\$ 1,521.63	C	\$ 639.08	\$ 65.00	25	C	10.50	\$ 683	\$ 1,322
	4 x 1 1/2" SQ BOX COMB KO	42	0%	42	EA	\$ 404.00	C	\$ 169.68	\$ 65.00	23	C	9.66	\$ 628	\$ 798
	4" SQ 1G PLSTR RING 5/8" RISE	42	0%	42	EA	\$ 110.87	C	\$ 46.56	\$ 65.00	2.5	C	1.05	\$ 68	\$ 115
	GROUND SCREW W/ INSUL #12 LEAD	42	0%	42	EA	\$ 97.46	C	\$ 40.93	\$ 65.00	3	C	1.26	\$ 82	\$ 123
	#10x 3/4 P/H SELF-TAP SCREW	84	0%	84	EA	\$ 12.04	C	\$ 10.11	\$ 65.00	2.8	C	2.35	\$ 153	\$ 163
	1G DUPLEX REC PLATE - PLASTIC IVY	42	0%	42	EA	\$ 86.00	C	\$ 36.12	\$ 65.00	2.7	C	1.13	\$ 74	\$ 110
11	Duplex Receptacle-GFCI NEMA 5-15R With SS Plate	5	0%	5	EA	\$ 1,325.48	C	\$ 66.27	\$ 65.00	22	C	1.10	\$ 72	\$ 138
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 404.00	C	\$ 20.20	\$ 65.00	23	C	1.15	\$ 75	\$ 95
	4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$ 110.87	C	\$ 5.54	\$ 65.00	2.5	C	0.13	\$ 8	\$ 14
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$ 97.46	C	\$ 4.87	\$ 65.00	3	C	0.15	\$ 10	\$ 15
	#10x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 12.04	C	\$ 1.20	\$ 65.00	2.8	C	0.28	\$ 18	\$ 19
	1G DUPLEX REC PLATE - SS	5	0%	5	EA	\$ 850.00	C	\$ 42.50	\$ 65.00	2.7	C	0.14	\$ 9	\$ 51
12	Duplex Receptacle-GFCI NEMA 5-20R With SS Plate	2	0%	2	EA	\$ 1,521.63	C	\$ 30.43	\$ 65.00	25	C	0.50	\$ 33	\$ 63
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.00	C	\$ 8.08	\$ 65.00	23	C	0.46	\$ 30	\$ 38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 110.87	C	\$ 2.22	\$ 65.00	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 97.46	C	\$ 1.95	\$ 65.00	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.04	C	\$ 0.48	\$ 65.00	2.8	C	0.11	\$ 7	\$ 8
	1G DUPLEX REC PLATE - SS	2	0%	2	EA	\$ 850.00	C	\$ 17.00	\$ 65.00	2.7	C	0.05	\$ 4	\$ 21
13	Duplex Receptacle-GFCI With SS Plate	24	0%	24	EA	\$ 1,521.63	C	\$ 365.19	\$ 65.00	25	C	6.00	\$ 390	\$ 755
	4 x 1 1/2" SQ BOX COMB KO	24	0%	24	EA	\$ 404.00	C	\$ 96.96	\$ 65.00	23	C	5.52	\$ 359	\$ 456
	4" SQ 1G PLSTR RING 5/8" RISE	24	0%	24	EA	\$ 110.87	C	\$ 26.61	\$ 65.00	2.5	C	0.60	\$ 39	\$ 66
	GROUND SCREW W/ INSUL #12 LEAD	24	0%	24	EA	\$ 97.46	C	\$ 23.39	\$ 65.00	3	C	0.72	\$ 47	\$ 70
	#10x 3/4 P/H SELF-TAP SCREW	48	0%	48	EA	\$ 12.04	C	\$ 5.78	\$ 65.00	2.8	C	1.34	\$ 87	\$ 93
	1G DUPLEX REC PLATE - SS	24	0%	24	EA	\$ 850.00	C	\$ 204.00	\$ 65.00	2.7	C	0.65	\$ 42	\$ 246
14	Duplex Receptacle-GFCI, Above Counter	44	0%	44	EA	\$ 1,521.63	C	\$ 669.52	\$ 65.00	25	C	11.00	\$ 715	\$ 1,385
	4 x 1 1/2" SQ BOX COMB KO	44	0%	44	EA	\$ 404.00	C	\$ 177.76	\$ 65.00	23	C	10.12	\$ 658	\$ 836
	4" SQ 1G PLSTR RING 5/8" RISE	44	0%	44	EA	\$ 110.87	C	\$ 48.78	\$ 65.00	2.5	C	1.10	\$ 72	\$ 120
	GROUND SCREW W/ INSUL #12 LEAD	44	0%	44	EA	\$ 97.46	C	\$ 42.88	\$ 65.00	3	C	1.32	\$ 86	\$ 129
	#10x 3/4 P/H SELF-TAP SCREW	88	0%	88	EA	\$ 12.04	C	\$ 10.60	\$ 65.00	2.8	C	2.46	\$ 160	\$ 171
	1G DUPLEX REC PLATE - SS	44	0%	44	EA	\$ 850.00	C	\$ 374.00	\$ 65.00	2.7	C	1.19	\$ 77	\$ 451
15	Duplex Receptacle-GFCI With SS Plate	5	0%	5	EA	\$ 1,521.63	C	\$ 76.08	\$ 65.00	25	C	1.25	\$ 81	\$ 157
	Cast Outlet Box With 302 Satin SS Coverplate	5	0%	5	EA	\$ 39.18	E	\$ 195.89	\$ 65.00	0.35	E	1.75	\$ 114	\$ 310
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$ 109.16	C	\$ 5.46	\$ 65.00	3	C	0.15	\$ 10	\$ 15
	#10x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 12.04	C	\$ 1.20	\$ 65.00	2.8	C	0.28	\$ 18	\$ 19
	1G DUPLEX REC PLATE - SS	5	0%	5	EA	\$ 850.00	C	\$ 42.50	\$ 65.00	2.7	C	0.14	\$ 9	\$ 51
	PVC Coated RGS Nipple	5	0%	5	EA	\$ 860.00	C	\$ 43.00	\$ 65.00	12	C	0.60	\$ 39	\$ 82
16	Duplex Receptacle-GFCI, WP	35	0%	35	EA	\$ 1,521.63	C	\$ 532.57	\$ 65.00	25	C	8.75	\$ 569	\$ 1,101
	4 x 1 1/2" SQ BOX COMB KO	35	0%	35	EA	\$ 404.00	C	\$ 141.40	\$ 65.00	23	C	8.05	\$ 523	\$ 665
	4" SQ 1G PLSTR RING 5/8" RISE	35	0%	35	EA	\$ 110.87	C	\$ 38.80	\$ 65.00	2.5	C	0.88	\$ 57	\$ 96
	GROUND SCREW W/ INSUL #12 LEAD	35	0%	35	EA	\$ 97.46	C	\$ 34.11	\$ 65.00	3	C	1.05	\$ 68	\$ 102
	#10x 3/4 P/H SELF-TAP SCREW	70	0%	70	EA	\$ 12.04	C	\$ 8.43	\$ 65.00	2.8	C	1.96	\$ 127	\$ 136
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	35	0%	35	EA	\$ 952.00	C	\$ 333.20	\$ 65.00	6	C	2.10	\$ 137	\$ 470
17	Emergency Push Button	2	0%	2	EA	\$ 98.99	E	\$ 197.98	\$ 65.00	0.5	E	1.00	\$ 65	\$ 263
18	Plumbing Fixture Electric Eye Transformer Connection, 120 V-24V, Suspended Mounted	4	0%	4	EA	\$ 22.99	E	\$ 91.96	\$ 65.00	0.5	E	2.00	\$ 130	\$ 222
	120 V-24V, Transformer	4	0%	4	EA	\$ 32.98	E	\$ 131.92	\$ 65.00	0.4	E	1.60	\$ 104	\$ 236
	J-Box	4	0%	4	EA	\$ 404.00	C	\$ 16.16	\$ 65.00	23	C	0.92	\$ 60	\$ 76
	4" SQ BLANK COVER	4	0%	4	EA	\$ 81.23	C	\$ 3.25	\$ 65.00	2.5	C	0.10	\$ 7	\$ 10
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$ 3.86	C	\$ 0.31	\$ 65.00	6	C	0.48	\$ 31	\$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$ 13.91	C	\$ 1.11	\$ 65.00	3	C	0.24	\$ 16	\$ 17
19	Plumbing Fixture Sensor Connection	4	0%	4	EA	\$ 25.75	E	\$ 103.00	\$ 65.00	0.5	E	2.00	\$ 130	\$ 233
20	Quad Receptacle With SS Plate	17	0%	17	EA	\$	E	\$	\$ 65.00	0	E	0.00	\$ -	\$ -
	20A 125V DUP REC - IVY (SG)	34	0%	34	EA	\$ 913.25	C	\$ 310.51	\$ 65.00	20	C	6.80	\$ 442	\$ 753
	4 x 1 1/2" SQ BOX COMB KO	17	0%	17	EA	\$ 404.00	C	\$ 68.68	\$ 65.00	23	C	3.91	\$ 254	\$ 323
	4" SQ 2G PLSTR RING 5/8" RISE	17	0%	17	EA	\$ 146.40	C	\$ 24.89	\$ 65.00	2.5	C	0.43	\$ 28	\$ 53
	GROUND SCREW W/ INSUL #12 LEAD	17	0%	17	EA	\$ 97.46	C	\$ 16.57	\$ 65.00	3	C	0.51	\$ 33	\$ 50
	#10x 3/4 P/H SELF-TAP SCREW	34	0%	34	EA	\$ 12.04	C	\$ 4.09	\$ 65.00	2.8	C	0.95	\$ 62	\$ 66
	2G DUPLEX REC PLATE - SS	17	0%	17	EA	\$ 1,245.00	C	\$ 211.65	\$ 65.00	3.9	C	0.66	\$ 43	\$ 255
21	Quadruplex Receptacle	115	0%	115	EA	\$	E	\$	\$ 65.00	0	E	0.00	\$ -	\$ -
	20A 125V DUP REC - IVY (SG)	230	0%	230	EA	\$ 913.25	C	\$ 2,100.48	\$ 65.00	20	C	46.00	\$ 2,990	\$ 5,090
	4 x 1 1/2" SQ BOX COMB KO	115	0%	115	EA	\$ 404.00	C	\$ 464.60	\$ 65.00	23	C	26.45	\$ 1,719	\$ 2,184
	4" SQ 2G PLSTR RING 5/8" RISE	115	0%	115	EA	\$ 146.40	C	\$ 168.35	\$ 65.00	2.5	C	2.88	\$ 187	\$ 355
	GROUND SCREW W/ INSUL #12 LEAD	115	0%	115	EA	\$ 97.46	C	\$ 112.08	\$ 65.00	3	C	3.45	\$ 224	\$ 336
	#10x 3/4 P/H SELF-TAP SCREW	230	0%	230	EA	\$ 12.04	C	\$ 27.69	\$ 65.00	2.8	C	6.44	\$ 419	\$ 446
	2G DUPLEX REC PLATE - PLASTIC IVY	115	0%	115	EA	\$ 105.18	C	\$ 120.96	\$ 65.00	3.9	C	4.49	\$ 292	\$ 412
22	Quadruplex Receptacle, Above Counter	11	0%	11	EA	\$	E	\$	\$ 65.00	0	E	0.00	\$ -	\$ -
	20A 125V DUP REC - IVY (SG)	22	0%	22	EA	\$ 913.25	C	\$ 200.92	\$ 65.00	20	C	4.40	\$ 286	\$ 487
	4 x 1 1/2" SQ BOX COMB KO	11	0%	11	EA	\$ 404.00	C	\$ 44.44	\$ 65.00	23	C	2.53	\$ 164	\$ 209
	4" SQ 2G PLSTR RING 5/8" RISE	11	0%	11	EA	\$ 146.40	C	\$ 16.10	\$ 65.00	2.5	C	0.28	\$ 18	\$ 34
	GROUND SCREW W/ INSUL #12 LEAD	11	0%	11	EA	\$ 97.46	C	\$ 10.72	\$ 65.00	3	C	0.33	\$ 21	\$ 32
	#10x 3/4 P/H SELF-TAP SCREW	22	0%	22	EA	\$ 12.04	C	\$ 2.65	\$ 65.00	2.8	C	0.62	\$ 40	\$ 43
	2G DUPLEX REC PLATE - PLASTIC IVY	11	0%	11	EA	\$ 105.18	C	\$ 11.57	\$ 65.00	3.9	C	0.43	\$ 28	\$ 39
23	Single Receptacle L5-20R	9	0%	9	EA	\$ 1,418.96	C	\$ 127.71	\$ 65.00	20	C	1.80	\$ 117	\$ 245
	4 x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$ 404.00	C	\$ 36.36	\$ 65.00	23	C	2.07	\$ 135	\$ 171
	4" SQ 1G PLSTR RING 5/8" RISE	9	0%	9	EA	\$ 110.87	C	\$ 9.98	\$ 65.00	2.5	C	0.23	\$ 15	\$ 25
	GROUND SCREW W/ INSUL #12 LEAD	9	0%	9	EA	\$ 97.46	C	\$ 8.77	\$ 65.00	3	C	0.27	\$ 18	\$ 26
	#10x 3/4 P/H SELF-TAP SCREW	18	0%	18	EA	\$ 12.04	C	\$ 2.17	\$ 65.00	2.8	C	0.50	\$ 33	\$ 35
	1G SINGLE REC PLATE - PLASTIC IVY	9	0%	9	EA	\$ 89.00	C	\$ 8.01	\$ 65.00	3	C	0.27	\$ 18	\$ 26
24	6-30R Receptacle (For Dryer)	2	0%	2	EA	\$ 2,015.45	C	\$ 40.31	\$ 65.00	25	C	0.50	\$ 33	\$ 73
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.00	C	\$ 8.08	\$ 65.00	23	C	0.46	\$ 30	\$ 38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 110.87	C	\$ 2.22	\$ 65.00	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 97.46	C	\$ 1.95	\$ 65.00	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.04	C	\$ 0.48	\$ 65.00	2.8	C	0.11	\$ 7	\$ 8
	1G SINGLE REC PLATE - PLASTIC IVY	2	0%	2	EA	\$ 89.00	C	\$ 1.78	\$ 65.00	3	C	0.06	\$ 4	\$ 6
25	Receptacle NEMA 6-30R With SS Plate	2	0%	2	EA	\$ 2,015.45	C	\$ 40.31	\$ 65.00	25	C	0.50	\$ 33	\$ 73

	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.00	C	\$ 8.08	\$ 65.00	23	C	0.46	\$ 30	\$ 38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 110.87	C	\$ 2.22	\$ 65.00	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 97.46	C	\$ 1.95	\$ 65.00	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.04	C	\$ 0.48	\$ 65.00	2.8	C	0.11	\$ 7	\$ 8
	1G SINGLE REC PLATE - SS	2	0%	2	EA	\$ 850.00	C	\$ 17.00	\$ 65.00	3	C	0.06	\$ 4	\$ 21
26	Receptacle L6-30R	9	0%	9	EA	\$ 2,015.45	C	\$ 181.39	\$ 65.00	25	C	2.25	\$ 146	\$ 328
	4 x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$ 404.00	C	\$ 36.36	\$ 65.00	23	C	2.07	\$ 135	\$ 171
	4" SQ 1G PLSTR RING 5/8" RISE	9	0%	9	EA	\$ 110.87	C	\$ 9.98	\$ 65.00	2.5	C	0.23	\$ 15	\$ 25
	GROUND SCREW W/ INSUL #12 LEAD	9	0%	9	EA	\$ 97.46	C	\$ 8.77	\$ 65.00	3	C	0.27	\$ 18	\$ 26
	#10x 3/4 P/H SELF-TAP SCREW	18	0%	18	EA	\$ 12.04	C	\$ 2.17	\$ 65.00	2.8	C	0.50	\$ 33	\$ 35
	1G SINGLE REC PLATE - PLASTIC IVY	9	0%	9	EA	\$ 89.00	C	\$ 8.01	\$ 65.00	3	C	0.27	\$ 18	\$ 26
27	Equipment Connection For Kitchen	19	0%	19	EA	\$ 25.75	E	\$ 489.23	\$ 65.00	0.5	E	9.50	\$ 618	\$ 1,107
28	FB-A: Floor Box Combination Power And Low Voltage With All Assemblies	9	0%	9	EA	\$ 419.99	E	\$ 3,779.90	\$ 65.00	1	E	9.00	\$ 585	\$ 4,365
29	FB-C: Floor Box Combination Power And Low Voltage With All Assemblies	2	0%	2	EA	\$ 419.99	E	\$ 839.98	\$ 65.00	1	E	2.00	\$ 130	\$ 970
30	Gymnasium Equipment Controller (Assumed Only Installation)	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	2	E	2.00	\$ 130	\$ 130
31	Cord Drape Thru Bleacher Structure To Travel With Folding Mechanism	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	1	E	1.00	\$ 65	\$ 65
EQUIPMENT														
1	Connection CEF 1: 120V, 1PH, 60HZ, 1000RPM, 0.03 HP	3	0%	3	EA	\$ 25.75	E	\$ 77.25	\$ 65.00	0.5	E	1.50	\$ 98	\$ 175
2	Connection CEF 2: 120V, 1PH, 60HZ, 870RPM, 0.03 HP	3	0%	3	EA	\$ 25.75	E	\$ 77.25	\$ 65.00	0.5	E	1.50	\$ 98	\$ 175
3	Connection CEF 3: 120V, 1PH, 60HZ, 870RPM, 0.03 HP	1	0%	1	EA	\$ 25.75	E	\$ 25.75	\$ 65.00	0.5	E	0.50	\$ 33	\$ 58
4	Connection EUH 1: 5KW, 208V, 1PH	14	0%	14	EA	\$ 25.75	E	\$ 360.48	\$ 65.00	0.5	E	7.00	\$ 455	\$ 815
5	Connection HHP 036: 208V, 3PH, 18.50A MCA, 30A MOCP	2	0%	2	EA	\$ 25.75	E	\$ 51.50	\$ 65.00	0.5	E	1.00	\$ 65	\$ 116
6	Connection VHP 024: 208V, 3PH, 12.10A MCA, 15A MOCP	4	0%	4	EA	\$ 25.75	E	\$ 103.00	\$ 65.00	0.5	E	2.00	\$ 130	\$ 233
7	Connection VHP 036: 208V, 3PH, 18.50A MCA, 30A MOCP	7	0%	7	EA	\$ 25.75	E	\$ 180.24	\$ 65.00	0.5	E	3.50	\$ 228	\$ 408
8	Connection VHP 048: 208V, 3PH, 21.50A MCA, 35A MOCP	13	0%	13	EA	\$ 25.75	E	\$ 334.73	\$ 65.00	0.5	E	6.50	\$ 423	\$ 757
9	Connection VHP 060: 208V, 3PH, 27.60A MCA, 40A MOCP	5	0%	5	EA	\$ 25.75	E	\$ 128.74	\$ 65.00	0.5	E	2.50	\$ 163	\$ 291
10	Connection VHP 072: 208V, 3PH, 29A MCA, 45A MOCP	4	0%	4	EA	\$ 25.75	E	\$ 103.00	\$ 65.00	0.5	E	2.00	\$ 130	\$ 233
LIGHTING														
CONDUITS														
1	3/4" EMT	10656	10%	11722	FT	\$ 96.99	C	\$ 11,369.01	\$ 65.00	3.2	C	375.09	\$ 24,381	\$ 35,750
	3/4" CONN SS STL - EMT	214	0%	214	EA	\$ 68.60	C	\$ 146.80	\$ 65.00	10	C	21.40	\$ 1,391	\$ 1,538
	3/4" COUPLING SS STL - EMT	1066	0%	1066	EA	\$ 58.99	C	\$ 628.84	\$ 65.00	4	C	42.64	\$ 2,772	\$ 3,400
	3/4" 1-H STRAP - EMT - STEEL	1066	0%	1066	EA	\$ 29.99	C	\$ 319.73	\$ 65.00	5.4	C	57.56	\$ 3,742	\$ 4,061
	4x 1 1/2" SQ BOX COMB KO	107	0%	107	EA	\$ 404.00	C	\$ 432.28	\$ 65.00	23	C	24.61	\$ 1,600	\$ 2,032
	4" SQ BLANK COVER	107	0%	107	EA	\$ 81.23	C	\$ 86.92	\$ 65.00	2.5	C	2.68	\$ 174	\$ 261
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	1066	0%	1066	EA	\$ 3.86	C	\$ 41.19	\$ 65.00	6	C	63.96	\$ 4,157	\$ 4,199
	#10 x 1 P/H SELF-TAP SCREW	533	0%	533	EA	\$ 14.64	C	\$ 78.02	\$ 65.00	3	C	15.99	\$ 1,039	\$ 1,117
CONDUCTOR														
1	#12 CU THHN/THWN	37668	10%	41435	FT	\$ 220.00	M	\$ 9,115.66	\$ 65.00	5.4	M	223.75	\$ 14,544	\$ 23,659
2	#10 CU THHN/THWN	22500	10%	24750	FT	\$ 330.00	M	\$ 8,167.50	\$ 65.00	6.2	M	153.45	\$ 9,974	\$ 18,142
3	16/4 Plenum Cable	7416	10%	8158	FT	\$ 539.08	M	\$ 4,397.60	\$ 65.00	11	M	89.73	\$ 5,833	\$ 10,230
LIGHT FIXTURES														
1	A1: 2'x4' LED, LAY-IN LUMINAIRE, MAKE/MODEL: LITHONIA #SPX 2x4 6000LM 80CRI 40K 3DP MVOLT, HE WILLIAMS, GENLYTE	106	0%	106	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	63.60	\$ 4,134	\$ 4,134
2	A1D: SAME AS 'A1' EXCEPT WITH INTEGRAL DAYLIGHT SENSOR, MAKE/MODEL: LITHONIA #SPX 2x4 6000LM 80CRI 40K 3DP MVOLT, HE WILLIAMS, GENLYTE	14	0%	14	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	8.40	\$ 546	\$ 546
3	A1E: SAME AS 'A1' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #SPX 2x4 6000LM 80CRI 40K 3DP MVOLT E10WCLP, HE WILLIAMS, GENLYTE	44	0%	44	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	26.40	\$ 1,716	\$ 1,716
4	A2: 2'x4' LED, LAY-IN LUMINAIRE, MAKE/MODEL: LITHONIA #SPX 2x4 4800LM 80CRI 40K 3DP MVOLT, HE WILLIAMS, GENLYTE	222	0%	222	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	133.20	\$ 8,658	\$ 8,658
5	A2D: SAME AS 'A2' EXCEPT WITH INTEGRAL DAYLIGHT SENSOR, MAKE/MODEL: LITHONIA #SPX 2x4 4800LM 80CRI 40K 3DP MVOLT, HE WILLIAMS, GENLYTE	63	0%	63	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	37.80	\$ 2,457	\$ 2,457
6	A3E: SAME AS 'A3' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #SPX 2x4 7200LM 80CRI 40K 3DP MVOLT E10WCLP, HE WILLIAMS, GENLYTE	8	0%	8	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	4.80	\$ 312	\$ 312
7	A4: 2'x4' LED, FULLY LUMINOUS, LAY-IN LUMINAIRE, MAKE/MODEL: LITHONIA #2GTL4 140L LP840, HE WILLIAMS, GENLYTE	19	0%	19	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	11.40	\$ 741	\$ 741
8	A4D: SAME AS 'A4' EXCEPT WITH INTEGRAL DAYLIGHT SENSOR, MAKE/MODEL: LITHONIA #2GTL4 140L LP840, HE WILLIAMS, GENLYTE	5	0%	5	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	3.00	\$ 195	\$ 195
9	A4E: SAME AS 'A4' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #2GTL4 140L LP840 E10W, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	2.40	\$ 156	\$ 156
10	B8: 8' LED, RECESSED LINEAR FIXTURE, MAKE/MODEL: MARK LIGHTING #SL4L LOP 8FT FLP XXXX 80CRI 40K 400LMF 120 ZT, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	0.8	E	1.60	\$ 104	\$ 104
11	B10: 10' LED, RECESSED LINEAR FIXTURE, MAKE/MODEL: MARK LIGHTING #SL4L LOP 10FT FLP XXXX 80CRI 40K 400LMF 120 ZT, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	1	E	2.00	\$ 130	\$ 130
12	B16: 16' LED, RECESSED LINEAR FIXTURE, MAKE/MODEL: MARK LIGHTING #SL4L LOP 16FT FLP XXXX 80CRI 40K 400LMF 120 ZT, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	1.6	E	3.20	\$ 208	\$ 208
13	B20: 20' LED, RECESSED LINEAR FIXTURE, MAKE/MODEL: MARK LIGHTING #SL4L LOP 20FT FLP XXXX 80CRI 40K 400LMF 120 ZT, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	2	E	4.00	\$ 260	\$ 260
14	B24: 24' LED, RECESSED LINEAR FIXTURE, MAKE/MODEL: MARK LIGHTING #SL4L LOP 24FT FLP XXXX 80CRI 40K 400LMF 120 ZT, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	2.4	E	4.80	\$ 312	\$ 312
15	D: 6" ROUND LED DOWNLIGHT, MAKE/MODEL: PORTFOLIO #LD6B 20 D010 EU6B 1020 80 40 6LB W O H, HE WILLIAMS, GENLYTE	18	0%	18	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	10.80	\$ 702	\$ 702
16	D2: 6" SQUARE LED DOWNLIGHT, MAKE/MODEL: GOTHAM #ICO SQ 40 60 6AR LD 70D EZB SF TRW, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	2.40	\$ 156	\$ 156
17	D3: 6" ROUND LED DOWNLIGHT, MAKE/MODEL: GOTHAM #EVO6CC 35/20 AR LSS WD MVOLT GZ1 JBX CCAN C120, HE WILLIAMS, GENLYTE	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	0.60	\$ 39	\$ 39
18	D3E: 6" ROUND LED DOWNLIGHT, MAKE/MODEL: GOTHAM #EVO6CC 35/20 AR LSS WD MVOLT GZ1 JBX CCAN C120 E10WCP, HE WILLIAMS, GENLYTE	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	0.60	\$ 39	\$ 39
19	DE: SAME AS 'D' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: PORTFOLIO #LD6B 20 D010 EU6B 1020 80 40 6LB W O H, HE WILLIAMS, GENLYTE	26	0%	26	EA	\$ -	E	\$ -	\$ 65.00	0.6	E	15.60	\$ 1,014	\$ 1,014
20	H: 4" INDUSTRIAL LED STRIP FIXTURE, PROVIDE W/ GRIPPLE AIRCRAFT CABLE, MAKE/MODEL: LITHONIA #ZL1D L48 ASR 3000LM FST MVOLT 35K 80CRI, HE WILLIAMS, GENLYTE	49	0%	49	EA	\$ -	E	\$ -	\$ 65.00	0.8	E	39.20	\$ 2,548	\$ 2,548

21	HE: SAME AS 'H' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #ZL1D L48 ASR 3000LM FST MVOLT 35K 80CRI E7W, HE WILLIAMS, GENLYTE	27	0%	27	EA	\$	E	\$	-	\$	65.00	0.8	E	21.60	\$	1,404	\$	1,404	
22	HW: LED, WALL MOUNTED, DIRECT/INDIRECT LINEAR, MAKE/MODEL: LITHONIA #ZL1D L48 ASR 3000LM FST MVOLT 35K 80CRI E7W, HE WILLIAMS, GENLYTE	17	0%	17	EA	\$	E	\$	-	\$	65.00	0.6	E	10.20	\$	663	\$	663	
23	K: 2'X4' LAY-IN WET LOCATION TROFFER WITH ALUMINUM DOOR FRAME, FLAT FROSTED ACRYLIC LENS, IP65 LISTING, MAKE/MODEL: LITHONIA #2WRTL G L48 7000LM 0AW AFL MVOLT E21 40K 80CRI, HE WILLIAMS, GENLYTE	18	0%	18	EA	\$	E	\$	-	\$	65.00	0.6	E	10.80	\$	702	\$	702	
24	KE: SAME AS 'K' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #2WRTL G L48 7000LM 0AW AFL MVOLT E21 40K 80CRI, HE WILLIAMS, GENLYTE	9	0%	9	EA	\$	E	\$	-	\$	65.00	0.6	E	5.40	\$	351	\$	351	
25	OL6: LED WALL PACK WITH, MAKE/MODEL: HYDREL #SAF14 LED P3 80CRI 35K MVOLT 20DEG CWL KM AWSC L1 ZT XX, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$	E	\$	-	\$	65.00	0.8	E	3.20	\$	208	\$	208	
26	P1: LED HIGH BAY WITH PRISMATIC GLASS REFRACTOR, CAST ALUMINUM HEAT SINK AND WIREGUARD., MAKE/MODEL: HOLOPHANE #PHG 30000LM HEF MGAFR MVOLT 40K 80CRI, HE WILLIAMS, GENLYTE	51	0%	51	EA	\$	E	\$	-	\$	65.00	0.8	E	40.80	\$	2,652	\$	2,652	
27	P1E: SAME AS 'P1' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: HOLOPHANE #PHG 30000LM HEF MGAFR MVOLT 40K 80CRI, HE WILLIAMS, GENLYTE	9	0%	9	EA	\$	E	\$	-	\$	65.00	0.8	E	7.20	\$	468	\$	468	
28	P2: DECORATIVE LED PENDANT, MAKE/MODEL: VISA LIGHTING #CP2044-L35K-BODY, HE WILLIAMS, GENLYTE	28	0%	28	EA	\$	E	\$	-	\$	65.00	0.8	E	22.40	\$	1,456	\$	1,456	
29	P2E: SAME AS 'P2' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: VISA LIGHTING #CP2040-L35K-BODY, HE WILLIAMS, GENLYTE	13	0%	13	EA	\$	E	\$	-	\$	65.00	0.8	E	10.40	\$	676	\$	676	
30	P3: DECORATIVE LED PENDANT, MAKE/MODEL: VISA LIGHTING #CP2040-L40K-BODY, HE WILLIAMS, GENLYTE	36	0%	36	EA	\$	E	\$	-	\$	65.00	0.8	E	28.80	\$	1,872	\$	1,872	
31	P3E: SAME AS 'P3' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: VISA LIGHTING #CP2040-L40K-BODY, HE WILLIAMS, GENLYTE	10	0%	10	EA	\$	E	\$	-	\$	65.00	0.8	E	8.00	\$	520	\$	520	
32	S1: DECORATIVE LED WALL MOUNTED PENDANT, MAKE/MODEL: VISA LIGHTING #CB5201-L35K-H, HE WILLIAMS, GENLYTE	10	0%	10	EA	\$	E	\$	-	\$	65.00	0.8	E	8.00	\$	520	\$	520	
33	S2: LED WET LOCATION LISTED ARCHITECTURAL WALL SCONCE WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #WSQLED 2 10A700/30K SR2 SF PIR XX, HE WILLIAMS, GENLYTE	8	0%	8	EA	\$	E	\$	-	\$	65.00	0.8	E	6.40	\$	416	\$	416	
34	TL: LED TAPE LIGHT, MAKE/MODEL: KELVIX #ENN WL 35K 24V E 68 XX, HE WILLIAMS, GENLYTE	308	0%	308	FT	\$	E	\$	-	\$	65.00	8	C	24.61	\$	1,600	\$	1,600	
35	U: DISPLAY CASE TAPE LIGHT, MAKE/MODEL: KELVIX #ENN WL 35K 24V E 68 XX, HE WILLIAMS, GENLYTE	72	0%	72	FT	\$	E	\$	-	\$	65.00	8	C	5.75	\$	374	\$	374	
36	V1: WALL MOUNTED ELEVATOR SHAFT FIXTURE, MAKE/MODEL: LITHONIA #CSVT-L4813000LM-MVOLT-35K-80CRI-STSL, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$	E	\$	-	\$	65.00	0.8	E	3.20	\$	208	\$	208	
37	W1: DECORATIVE LED WALL SCONCE, MAKE/MODEL: LITHONIA #WDGEG3 P3 30K 80CRI R3 MVOLT SRM E20WC XX, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$	E	\$	-	\$	65.00	0.8	E	1.60	\$	104	\$	104	
38	X1: UNIVERSAL MOUNT, SINGLE FACE, WALL MOUNTED LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-1-R-ELN, HE WILLIAMS, GENLYTE	45	0%	45	EA	\$	E	\$	-	\$	65.00	0.5	E	22.50	\$	1,463	\$	1,463	
39	X1: UNIVERSAL MOUNT, SINGLE FACE, DOUBLE DIRECTION, WALL MOUNTED LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-1-R-ELN, HE WILLIAMS, GENLYTE	6	0%	6	EA	\$	E	\$	-	\$	65.00	0.5	E	3.00	\$	195	\$	195	
40	X1: UNIVERSAL MOUNT, SINGLE FACE, SINGLE ARROW, WALL MOUNTED LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-1-R-ELN, HE WILLIAMS, GENLYTE	3	0%	3	EA	\$	E	\$	-	\$	65.00	0.5	E	1.50	\$	98	\$	98	
41	X2: UNIVERSAL MOUNT, DOUBLE FACE, DOUBLE ARROW, CEILING MOUNTED, LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-2-R-ELN, HE WILLIAMS, GENLYTE	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.5	E	0.50	\$	33	\$	33	
42	X2: UNIVERSAL MOUNT, DOUBLE FACE, DOUBLE ARROW, DOUBLE DIRECTION, CEILING MOUNTED, LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-2-R-ELN, HE WILLIAMS, GENLYTE	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.5	E	0.50	\$	33	\$	33	
43	X3: UNIVERSAL MOUNT, SINGLE FACE, WALL MOUNTED, LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-1-R-ELN, HE WILLIAMS, GENLYTE	9	0%	9	EA	\$	E	\$	-	\$	65.00	0.5	E	4.50	\$	293	\$	293	
44	X4: SELF LUMINOUS EXIT SIGN, SINGLE FACE, WALL MOUNTED, MAKE/MODEL: LITHONIA #D S W 1 R, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$	E	\$	-	\$	65.00	0.5	E	2.00	\$	130	\$	130	
45	Z1: DECORATIVE LED WALL SCONCE, MAKE/MODEL: LITHONIA #WSQ LED-P2-40K-SR3XX, HE WILLIAMS, GENLYTE	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.8	E	0.80	\$	52	\$	52	
LIGHTING FIXTURE ACCESSORIES																			
1	Lighting Fixture Accessories	1	0%	1	LS	\$	10,944.00	E	\$	10,944.00	\$	65.00	136.8	E	136.80	\$	8,892	\$	19,836
LIGHTING CONTROLS																			
1	S: Single Pole Light Switch	12	0%	12	EA	\$	E	\$	-	\$	65.00	0.15	E	1.80	\$	117	\$	117	
	4 x 1 1/2" SQ BOX COMB KO	12	0%	12	EA	\$	404.00	C	\$	48.48	\$	65.00	23	C	2.76	\$	179	\$	228
	4" SQ 1G PLSTR RING 5/8" RISE	12	0%	12	EA	\$	110.87	C	\$	13.30	\$	65.00	2.5	C	0.30	\$	20	\$	33
	GROUND SCREW W/ INSUL #12 LEAD	12	0%	12	EA	\$	97.46	C	\$	11.70	\$	65.00	3	C	0.36	\$	23	\$	35
	#8x 3/4 P/H SELF-TAP SCREW	24	0%	24	EA	\$	14.58	C	\$	3.50	\$	65.00	2.6	C	0.62	\$	41	\$	44
	1G TGL SWITCH PLATE - PLASTIC IVY	12	0%	12	EA	\$	86.00	C	\$	10.32	\$	65.00	3	C	0.36	\$	23	\$	34
2	S3: 3-Way Switch	4	0%	4	EA	\$	E	\$	-	\$	65.00	0.2	E	0.80	\$	52	\$	52	
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16.16	\$	65.00	23	C	0.92	\$	60	\$	76
	4" SQ 1G PLSTR RING 5/8" RISE	4	0%	4	EA	\$	110.87	C	\$	4.43	\$	65.00	2.5	C	0.10	\$	7	\$	11
	GROUND SCREW W/ INSUL #12 LEAD	4	0%	4	EA	\$	97.46	C	\$	3.90	\$	65.00	3	C	0.12	\$	8	\$	12
	#8x 3/4 P/H SELF-TAP SCREW	8	0%	8	EA	\$	14.58	C	\$	1.17	\$	65.00	2.6	C	0.21	\$	14	\$	15
	1G TGL SWITCH PLATE - PLASTIC IVY	4	0%	4	EA	\$	86.00	C	\$	3.44	\$	65.00	3	C	0.12	\$	8	\$	11
3	S3: 3-Way Switch	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.2	E	0.20	\$	13	\$	13	
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4.04	\$	65.00	23	C	0.23	\$	15	\$	19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$	110.87	C	\$	1.11	\$	65.00	2.5	C	0.03	\$	2	\$	3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$	97.46	C	\$	0.97	\$	65.00	3	C	0.03	\$	2	\$	3
	#8x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$	14.58	C	\$	0.29	\$	65.00	2.6	C	0.05	\$	3	\$	4
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$	86.00	C	\$	0.86	\$	65.00	3	C	0.03	\$	2	\$	3
4	SIL: Illuminated Handle Light Switch (Illuminated When Load Is Off)	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.3	E	0.30	\$	20	\$	20	
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4.04	\$	65.00	23	C	0.23	\$	15	\$	19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$	110.87	C	\$	1.11	\$	65.00	2.5	C	0.03	\$	2	\$	3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$	97.46	C	\$	0.97	\$	65.00	3	C	0.03	\$	2	\$	3
	#8x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$	14.58	C	\$	0.29	\$	65.00	2.6	C	0.05	\$	3	\$	4
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$	86.00	C	\$	0.86	\$	65.00	3	C	0.03	\$	2	\$	3
5	SK: Key Switch	2	0%	2	EA	\$	E	\$	-	\$	65.00	0.3	E	0.60	\$	39	\$	39	
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$	8.08	\$	65.00	23	C	0.46	\$	30	\$	38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$	110.87	C	\$	2.22	\$	65.00	2.5	C	0.05	\$	3	\$	5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$	97.46	C	\$	1.95	\$	65.00	3	C	0.06	\$	4	\$	6
	#8x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$	14.58	C	\$	0.58	\$	65.00	2.6	C	0.10	\$	7	\$	7
	1G TGL SWITCH PLATE - PLASTIC IVY	2	0%	2	EA	\$	86.00	C	\$	1.72	\$	65.00	3	C	0.06	\$	4	\$	6

6	SK: Key Switch Note: Light Switch For Display Case Lights. Provide Engraved Switch Plate With "Display Case Lights"	3	0%	3	EA	\$	E	\$	\$ 65.00	0.3	E	0.90	\$	59	\$	59
	4 x 1 1/2" SQ BOX COMB KO	3	0%	3	EA	\$	404.00	C	\$ 12.12	\$ 65.00	23	C	0.69	\$	45	\$ 57
	4" SQ 1G PLSTR RING 5/8" RISE	3	0%	3	EA	\$	110.87	C	\$ 3.33	\$ 65.00	2.5	C	0.08	\$	5	\$ 8
	GROUND SCREW W/ INSUL #12 LEAD	3	0%	3	EA	\$	97.46	C	\$ 2.92	\$ 65.00	3	C	0.09	\$	6	\$ 9
	#8x 3/4 P/H SELF-TAP SCREW	6	0%	6	EA	\$	14.58	C	\$ 0.87	\$ 65.00	2.6	C	0.16	\$	10	\$ 11
	1G TGL SWITCH PLATE - PLASTIC IVY	3	0%	3	EA	\$	86.00	C	\$ 2.58	\$ 65.00	3	C	0.09	\$	6	\$ 8
7	SLV: Low Voltage Momentary Single Switch On/Off Switch, NLUIGHT #nPODM	15	0%	15	EA	\$	E	\$	\$ 65.00	0.3	E	4.50	\$	293	\$	293
	4 x 1 1/2" SQ BOX COMB KO	15	0%	15	EA	\$	404.00	C	\$ 60.60	\$ 65.00	23	C	3.45	\$	224	\$ 285
	4" SQ 1G PLSTR RING 5/8" RISE	15	0%	15	EA	\$	110.87	C	\$ 16.63	\$ 65.00	2.5	C	0.38	\$	24	\$ 41
	GROUND SCREW W/ INSUL #12 LEAD	15	0%	15	EA	\$	97.46	C	\$ 14.62	\$ 65.00	3	C	0.45	\$	29	\$ 44
	#8x 3/4 P/H SELF-TAP SCREW	30	0%	30	EA	\$	14.58	C	\$ 4.37	\$ 65.00	2.6	C	0.78	\$	51	\$ 55
	1G TGL SWITCH PLATE - PLASTIC IVY	15	0%	15	EA	\$	86.00	C	\$ 12.90	\$ 65.00	3	C	0.45	\$	29	\$ 42
8	SLV1: Low Voltage Momentary Single Zone And Dimming Switch, NLUIGHT nPODM4LDX	38	0%	38	EA	\$	E	\$	\$ 65.00	0.3	E	11.40	\$	741	\$	741
	4 x 1 1/2" SQ BOX COMB KO	38	0%	38	EA	\$	404.00	C	\$ 153.52	\$ 65.00	23	C	8.74	\$	568	\$ 722
	4" SQ 1G PLSTR RING 5/8" RISE	38	0%	38	EA	\$	110.87	C	\$ 42.13	\$ 65.00	2.5	C	0.95	\$	62	\$ 104
	GROUND SCREW W/ INSUL #12 LEAD	38	0%	38	EA	\$	97.46	C	\$ 37.04	\$ 65.00	3	C	1.14	\$	74	\$ 111
	#8x 3/4 P/H SELF-TAP SCREW	76	0%	76	EA	\$	14.58	C	\$ 11.08	\$ 65.00	2.6	C	1.98	\$	128	\$ 140
	1G TGL SWITCH PLATE - PLASTIC IVY	38	0%	38	EA	\$	86.00	C	\$ 32.68	\$ 65.00	3	C	1.14	\$	74	\$ 107
9	SLV2: Low Voltage Momentary 2 Zone On/Off And Dimming Switch, NLUIGHT nPODM2PDX	45	0%	45	EA	\$	E	\$	\$ 65.00	0.3	E	13.50	\$	878	\$	878
	4 x 1 1/2" SQ BOX COMB KO	45	0%	45	EA	\$	404.00	C	\$ 181.80	\$ 65.00	23	C	10.35	\$	673	\$ 855
	4" SQ 1G PLSTR RING 5/8" RISE	45	0%	45	EA	\$	110.87	C	\$ 49.89	\$ 65.00	2.5	C	1.13	\$	73	\$ 123
	GROUND SCREW W/ INSUL #12 LEAD	45	0%	45	EA	\$	97.46	C	\$ 43.86	\$ 65.00	3	C	1.35	\$	88	\$ 132
	#8x 3/4 P/H SELF-TAP SCREW	90	0%	90	EA	\$	14.58	C	\$ 13.12	\$ 65.00	2.6	C	2.34	\$	152	\$ 165
	1G TGL SWITCH PLATE - PLASTIC IVY	45	0%	45	EA	\$	86.00	C	\$ 38.70	\$ 65.00	3	C	1.35	\$	88	\$ 126
10	SLV3: Low Voltage Momentary 4 Button Scene Control With On/Off Raise Lower, NLUIGHT nPOD4SDX	5	0%	5	EA	\$	E	\$	\$ 65.00	0.4	E	2.00	\$	130	\$	130
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$	404.00	C	\$ 20.20	\$ 65.00	23	C	1.15	\$	75	\$ 95
	4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$	110.87	C	\$ 5.54	\$ 65.00	2.5	C	0.13	\$	8	\$ 14
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$	97.46	C	\$ 4.87	\$ 65.00	3	C	0.15	\$	10	\$ 15
	#8x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$	14.58	C	\$ 1.46	\$ 65.00	2.6	C	0.26	\$	17	\$ 18
	1G TGL SWITCH PLATE - PLASTIC IVY	5	0%	5	EA	\$	86.00	C	\$ 4.30	\$ 65.00	3	C	0.15	\$	10	\$ 14
11	SOS: Occupancy Sensor Switch	35	0%	35	EA	\$	E	\$	\$ 65.00	0.3	E	10.50	\$	683	\$	683
	4 x 1 1/2" SQ BOX COMB KO	35	0%	35	EA	\$	404.00	C	\$ 141.40	\$ 65.00	23	C	8.05	\$	523	\$ 665
	4" SQ 1G PLSTR RING 5/8" RISE	35	0%	35	EA	\$	110.87	C	\$ 38.80	\$ 65.00	2.5	C	0.88	\$	57	\$ 96
	GROUND SCREW W/ INSUL #12 LEAD	35	0%	35	EA	\$	97.46	C	\$ 34.11	\$ 65.00	3	C	1.05	\$	68	\$ 102
	#8x 3/4 P/H SELF-TAP SCREW	70	0%	70	EA	\$	14.58	C	\$ 10.21	\$ 65.00	2.6	C	1.82	\$	118	\$ 129
	1G TGL SWITCH PLATE - PLASTIC IVY	35	0%	35	EA	\$	86.00	C	\$ 30.10	\$ 65.00	3	C	1.05	\$	68	\$ 98
12	ST: Timer Switch	1	0%	1	EA	\$	E	\$	\$ 65.00	0.3	E	0.30	\$	20	\$	20
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$	15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$	110.87	C	\$ 1.11	\$ 65.00	2.5	C	0.03	\$	2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$	97.46	C	\$ 0.97	\$ 65.00	3	C	0.03	\$	2	\$ 3
	#8x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$	14.58	C	\$ 0.29	\$ 65.00	2.6	C	0.05	\$	3	\$ 4
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$	86.00	C	\$ 0.86	\$ 65.00	3	C	0.03	\$	2	\$ 3
13	SVS: Vacancy Sensor Switch	5	0%	5	EA	\$	E	\$	\$ 65.00	0.3	E	1.50	\$	98	\$	98
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$	404.00	C	\$ 20.20	\$ 65.00	23	C	1.15	\$	75	\$ 95
	4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$	110.87	C	\$ 5.54	\$ 65.00	2.5	C	0.13	\$	8	\$ 14
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$	97.46	C	\$ 4.87	\$ 65.00	3	C	0.15	\$	10	\$ 15
	#8x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$	14.58	C	\$ 1.46	\$ 65.00	2.6	C	0.26	\$	17	\$ 18
	1G TGL SWITCH PLATE - PLASTIC IVY	5	0%	5	EA	\$	86.00	C	\$ 4.30	\$ 65.00	3	C	0.15	\$	10	\$ 14
14	DS: Daylight Sensor, SENSOR SWITCH CM-PC-ADC (Quantity Assumed) (4 EA)	1	0%	1	EA	\$	E	\$	\$ 65.00	0.5	E	0.50	\$	33	\$	33
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$	15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$	110.87	C	\$ 1.11	\$ 65.00	2.5	C	0.03	\$	2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$	97.46	C	\$ 0.97	\$ 65.00	3	C	0.03	\$	2	\$ 3
	#8x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$	14.58	C	\$ 0.29	\$ 65.00	2.6	C	0.05	\$	3	\$ 4
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$	86.00	C	\$ 0.86	\$ 65.00	3	C	0.03	\$	2	\$ 3
15	On/Off Pushbutton Stations Shall Be Maximum 4-Buttons / (2) Loads Per Switch Location. NLUIGHT nPODDX 2P XX (Quantity Assumed)	2	0%	2	EA	\$	E	\$	\$ 65.00	0.4	E	0.80	\$	52	\$	52
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$ 8.08	\$ 65.00	23	C	0.46	\$	30	\$ 38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$	110.87	C	\$ 2.22	\$ 65.00	2.5	C	0.05	\$	3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$	97.46	C	\$ 1.95	\$ 65.00	3	C	0.06	\$	4	\$ 6
	#8x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$	14.58	C	\$ 0.58	\$ 65.00	2.6	C	0.10	\$	7	\$ 7
	1G TGL SWITCH PLATE - PLASTIC IVY	2	0%	2	EA	\$	86.00	C	\$ 1.72	\$ 65.00	3	C	0.06	\$	4	\$ 6
16	OS: HB-Occupancy Sensor, Ceiling Mounted	27	0%	27	EA	\$	E	\$	\$ 65.00	0.5	E	13.50	\$	878	\$	878
	4 x 1 1/2" SQ BOX COMB KO	27	0%	27	EA	\$	404.00	C	\$ 109.08	\$ 65.00	23	C	6.21	\$	404	\$ 513
	4" SQ 1G PLSTR RING 5/8" RISE	27	0%	27	EA	\$	110.87	C	\$ 29.93	\$ 65.00	2.5	C	0.68	\$	44	\$ 74
	GROUND SCREW W/ INSUL #12 LEAD	27	0%	27	EA	\$	97.46	C	\$ 26.31	\$ 65.00	3	C	0.81	\$	53	\$ 79
	#8x 3/4 P/H SELF-TAP SCREW	54	0%	54	EA	\$	14.58	C	\$ 7.87	\$ 65.00	2.6	C	1.40	\$	91	\$ 99
	1G TGL SWITCH PLATE - PLASTIC IVY	27	0%	27	EA	\$	86.00	C	\$ 23.22	\$ 65.00	3	C	0.81	\$	53	\$ 76
17	OS: Occupancy Sensor Dual Technology, Ceiling Mounted, NLUIGHT nCM PDT 10AR	102	0%	102	EA	\$	E	\$	\$ 65.00	0.5	E	51.00	\$	3,315	\$	3,315
	4 x 1 1/2" SQ BOX COMB KO	102	0%	102	EA	\$	404.00	C	\$ 412.08	\$ 65.00	23	C	23.46	\$	1,525	\$ 1,937
	4" SQ 1G PLSTR RING 5/8" RISE	102	0%	102	EA	\$	110.87	C	\$ 113.09	\$ 65.00	2.5	C	2.55	\$	166	\$ 279
	GROUND SCREW W/ INSUL #12 LEAD	102	0%	102	EA	\$	97.46	C	\$ 99.41	\$ 65.00	3	C	3.06	\$	199	\$ 298
	#8x 3/4 P/H SELF-TAP SCREW	204	0%	204	EA	\$	14.58	C	\$ 29.75	\$ 65.00	2.6	C	5.30	\$	345	\$ 375
	1G TGL SWITCH PLATE - PLASTIC IVY	102	0%	102	EA	\$	86.00	C	\$ 87.72	\$ 65.00	3	C	3.06	\$	199	\$ 287
18	OS: Occupancy Sensor Dual Technology, Wall Mounted, NLUIGHT nWV PDT 16	8	0%	8	EA	\$	E	\$	\$ 65.00	0.5	E	4.00	\$	260	\$	260
	4 x 1 1/2" SQ BOX COMB KO	8	0%	8	EA	\$	404.00	C	\$ 32.32	\$ 65.00	23	C	1.84	\$	120	\$ 152
	4" SQ 1G PLSTR RING 5/8" RISE	8	0%	8	EA	\$	110.87	C	\$ 8.87	\$ 65.00	2.5	C	0.20	\$	13	\$ 22
	GROUND SCREW W/ INSUL #12 LEAD	8	0%	8	EA	\$	97.46	C	\$ 7.80	\$ 65.00	3	C	0.24	\$	16	\$ 23
	#8x 3/4 P/H SELF-TAP SCREW	16	0%	16	EA	\$	14.58	C	\$ 2.33	\$ 65.00	2.6	C	0.42	\$	27	\$ 29
	1G TGL SWITCH PLATE - PLASTIC IVY	8	0%	8	EA	\$	86.00	C	\$ 6.88	\$ 65.00	3	C	0.24	\$	16	\$ 22
19	VS: Vacancy Sensor, Ceiling Mounted	82	0%	82	EA	\$	E	\$	\$ 65.00	0.5	E	41.00	\$	2,665	\$	2,665
	4 x 1 1/2" SQ BOX COMB KO	82	0%	82	EA	\$	404.00	C	\$ 331.28	\$ 65.00	23	C	18.86	\$	1,226	\$ 1,557
	4" SQ 1G PLSTR RING 5/8" RISE	82	0%	82	EA	\$	110.87	C	\$ 90.91	\$ 65.00	2.5	C	2.05	\$	133	\$ 224
	GROUND SCREW W/ INSUL #12 LEAD	82	0%	82	EA	\$	97.46	C	\$ 79.92	\$ 65.00	3	C	2.46	\$	160	\$ 240

[illegible]

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															
TELECOMMUNICATION															
CONDUITS															
1	1-1/4" PVC SCH 40 Conduit With Pull String	36	10%	40	FT	\$ 85.86	C	\$ 34.00	\$ 65.00	5	C	1.98	\$ 129	\$ 163	
	1 1/4" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 2,048.48	C	\$ 20.48	\$ 65.00	38	C	0.38	\$ 25	\$ 45	
	1 1/4" LOCKNUT - STEEL	2	0%	2	EA	\$ 59.12	C	\$ 1.18	\$ 65.00	4.65	C	0.09	\$ 6	\$ 7	
	1 1/4" COUPLING - PVC	3	0%	3	EA	\$ 44.53	C	\$ 1.34	\$ 65.00	0	C	0.00	\$ -	\$ 1	
	1 1/4" ADAPTER FEM - PVC	2	0%	2	EA	\$ 182.15	C	\$ 3.64	\$ 65.00	14	C	0.28	\$ 18	\$ 22	
2	1-1/4" EMT Conduit	10960	10%	12056	FT	\$ 271.63	C	\$ 32,748.15	\$ 65.00	4.7	C	566.63	\$ 36,831	\$ 69,579	
	1 1/4" ELBOW 90 DEG - EMT	220	0%	220	EA	\$ 1,092.00	C	\$ 2,402.40	\$ 65.00	30	C	66.00	\$ 4,290	\$ 6,692	
	1 1/4" CONN SS STL - EMT	220	0%	220	EA	\$ 353.28	C	\$ 777.22	\$ 65.00	14	C	30.80	\$ 2,002	\$ 2,779	
	1 1/4" COUPLING SS STL - EMT	1096	0%	1096	EA	\$ 203.32	C	\$ 2,228.44	\$ 65.00	6.5	C	71.24	\$ 4,631	\$ 6,859	
	1 1/4" BUSHING - PLASTIC	220	0%	220	EA	\$ 39.16	C	\$ 86.14	\$ 65.00	3.9	C	8.58	\$ 558	\$ 644	
	1 1/4" 1-H STRAP - EMT - STEEL	1096	0%	1096	EA	\$ 70.82	C	\$ 776.16	\$ 65.00	7	C	76.72	\$ 4,987	\$ 5,763	
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	1096	0%	1096	EA	\$ -	C	\$ -	\$ 65.00	8	C	87.68	\$ 5,699	\$ 5,699	
CONDUCTOR															
1	Multimode, OM3, 50/125µm optical fiber Wavelength	1250	10%	1375	LF	\$ 898.00	M	\$ 1,234.75	\$ 65.00	12	M	16.50	\$ 1,073	\$ 2,307	
2	Single mode, OS2, 9/125µm optical fiber Wavelength	1250	10%	1375	LF	\$ 380.00	M	\$ 522.50	\$ 65.00	10	M	13.75	\$ 894	\$ 1,416	
3	Single mode, OS2, 9/125µm optical fiber Wavelength (From Main MDF To Athletic Bldg)	1163	10%	1279	LF	\$ 380.00	M	\$ 486.13	\$ 65.00	10	M	12.79	\$ 832	\$ 1,318	
4	100 Pair Copper Cable	385	10%	424	LF	\$ 6,620.00	M	\$ 2,803.57	\$ 65.00	30	M	12.71	\$ 826	\$ 3,629	
5	100 Pair CAT3 Cable	95	10%	105	LF	\$ 5,700.00	M	\$ 595.65	\$ 65.00	25	M	2.61	\$ 170	\$ 765	
6	Fiber Entrance Cable	385	10%	424	LF	\$ 1,250.00	M	\$ 529.38	\$ 65.00	15	M	6.35	\$ 413	\$ 942	
7	CAT6A UTP Cable	160800	10%	176880	FT	\$ 386.54	M	\$ 68,371.20	\$ 65.00	7.5	M	1326.60	\$ 86,229	\$ 154,600	
DEVICES															
1	Data Outlet, Wall Mounted	7	0%	7	EA	\$ -	E	\$ -	\$ 65.00	0.30	E	2.10	\$ 137	\$ 137	
	4 x 1 1/2" SQ BOX COMB KO	7	0%	7	EA	\$ 404.00	C	\$ 28.28	\$ 65.00	23	C	1.61	\$ 105	\$ 133	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	14	0%	14	EA	\$ 10.29	C	\$ 1.44	\$ 65.00	6	C	0.84	\$ 55	\$ 56	
	#10x 1 P/H SELF-TAP SCREW	14	0%	14	EA	\$ 13.91	C	\$ 1.95	\$ 65.00	3	C	0.42	\$ 27	\$ 29	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	14	0%	14	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	1.40	\$ 91	\$ 91	
	Bezel Assembly	7	0%	7	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	0.70	\$ 46	\$ 46	
	Blank Plate	14	0%	14	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.42	\$ 27	\$ 27	
	Faceplate	7	0%	7	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.21	\$ 14	\$ 14	
2	2-Port Data Outlet, Wall Mounted	46	0%	46	EA	\$ -	E	\$ -	\$ 65.00	0.30	E	13.80	\$ 897	\$ 897	
	4 x 1 1/2" SQ BOX COMB KO	46	0%	46	EA	\$ 404.00	C	\$ 185.84	\$ 65.00	23	C	10.58	\$ 688	\$ 874	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	92	0%	92	EA	\$ 10.29	C	\$ 9.47	\$ 65.00	6	C	5.52	\$ 359	\$ 368	
	#10x 1 P/H SELF-TAP SCREW	92	0%	92	EA	\$ 12.42	C	\$ 11.43	\$ 65.00	3	C	2.76	\$ 179	\$ 191	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	92	0%	92	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	9.20	\$ 598	\$ 598	
	Bezel Assembly	46	0%	46	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	4.60	\$ 299	\$ 299	
	Blank Plate	92	0%	92	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	2.76	\$ 179	\$ 179	
	Faceplate	46	0%	46	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	1.38	\$ 90	\$ 90	
3	2-Port Data/C Outlet, Wall Mounted	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	0.30	E	3.00	\$ 195	\$ 195	
	4 x 1 1/2" SQ BOX COMB KO	10	0%	10	EA	\$ 404.00	C	\$ 40.40	\$ 65.00	23	C	2.30	\$ 150	\$ 190	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	20	0%	20	EA	\$ 10.29	C	\$ 2.06	\$ 65.00	6	C	1.20	\$ 78	\$ 80	
	#10x 1 P/H SELF-TAP SCREW	20	0%	20	EA	\$ 13.91	C	\$ 2.78	\$ 65.00	3	C	0.60	\$ 39	\$ 42	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	30	0%	30	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	3.00	\$ 195	\$ 195	
	Bezel Assembly	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	1.00	\$ 65	\$ 65	
	Blank Plate	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.30	\$ 20	\$ 20	
	Faceplate	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.30	\$ 20	\$ 20	
4	4-Port Data Outlet, Wall Mounted	23	0%	23	EA	\$ -	E	\$ -	\$ 65.00	0.30	E	6.90	\$ 449	\$ 449	
	4 x 1 1/2" SQ BOX COMB KO	23	0%	23	EA	\$ 404.00	C	\$ 92.92	\$ 65.00	23	C	5.29	\$ 344	\$ 437	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	46	0%	46	EA	\$ 10.29	C	\$ 4.73	\$ 65.00	6	C	2.76	\$ 179	\$ 184	
	#10x 1 P/H SELF-TAP SCREW	46	0%	46	EA	\$ 13.91	C	\$ 6.40	\$ 65.00	3	C	1.38	\$ 90	\$ 96	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	92	0%	92	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	9.20	\$ 598	\$ 598	
	Bezel Assembly	23	0%	23	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	2.30	\$ 150	\$ 150	
	Faceplate	23	0%	23	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.69	\$ 45	\$ 45	
6	Wireless Access Point OFOI With (2) Data Outlet And Face Plate (Owner Furnished & Owner Installed)	78	0%	78	EA	\$ -	E	\$ -	\$ 65.00	0.30	E	23.40	\$ 1,521	\$ 1,521	
	4 x 1 1/2" SQ BOX COMB KO	78	0%	78	EA	\$ 404.00	C	\$ 315.12	\$ 65.00	23	C	17.94	\$ 1,166	\$ 1,481	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	156	0%	156	EA	\$ 10.29	C	\$ 16.06	\$ 65.00	6	C	9.36	\$ 608	\$ 624	
	#10x 1 P/H SELF-TAP SCREW	156	0%	156	EA	\$ 13.91	C	\$ 21.70	\$ 65.00	3	C	4.68	\$ 304	\$ 326	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	156	0%	156	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	15.60	\$ 1,014	\$ 1,014	
	Bezel Assembly	78	0%	78	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	7.80	\$ 507	\$ 507	
	Blank Plate	156	0%	156	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	4.68	\$ 304	\$ 304	
	Faceplate	78	0%	78	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	2.34	\$ 152	\$ 152	
7	Wireless Access Point OFOI With (2) Data Outlet And Face Plate With Subscript WG (Owner Furnished & Owner Installed)	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	0.30	E	3.00	\$ 195	\$ 195	
	4 x 1 1/2" SQ BOX COMB KO	10	0%	10	EA	\$ 404.00	C	\$ 40.40	\$ 65.00	23	C	2.30	\$ 150	\$ 190	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	20	0%	20	EA	\$ 10.29	C	\$ 2.06	\$ 65.00	6	C	1.20	\$ 78	\$ 80	
	#10x 1 P/H SELF-TAP SCREW	20	0%	20	EA	\$ 13.91	C	\$ 2.78	\$ 65.00	3	C	0.60	\$ 39	\$ 42	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	20	0%	20	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	2.00	\$ 130	\$ 130	
	Bezel Assembly	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	1.00	\$ 65	\$ 65	
	Blank Plate	20	0%	20	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.60	\$ 39	\$ 39	
	Faceplate	10	0%	10	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.30	\$ 20	\$ 20	
8	CAT6A Patch Cords (5' Each)	700	0%	700	EA	\$ -	E	\$ -	\$ 65.00	0.15	E	105.00	\$ 6,825	\$ 6,825	
9	CAT6A Patch Cords (7' Each)	192	0%	192	EA	\$ -	E	\$ -	\$ 65.00	0.15	E	28.80	\$ 1,872	\$ 1,872	
10	LC Connectors OM3/OM4	192	0%	192	EA	\$ -	E	\$ -	\$ 65.00	0.15	E	28.80	\$ 1,872	\$ 1,872	

12	Audio Technica ATW-3212/C510 Wireless System with hand held transmitter	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
13	Bluetooth Interface Attero Tech un872A	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
14	HP G2 Chromebook HP G2 digital signage	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
15	Commercial Grade 75" Monitor, LG UT640S	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.25	E	1.25	\$	81	\$	81
16	Chief RMB400 series Wall Mount Interface	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.35	E	0.35	\$	23	\$	23
17	Data Switch Luxul AMS-1816P	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
18	XLR type Connectors	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
19	Allowance For Testing & Training	1	0%	1	EA	\$	-	LS	\$	-	\$	65.00	12.00	E	12.00	\$	780	\$	780
	Quotation For MEDIA HUB A/V SYSTEM (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS			E						E	0.00	\$	-	\$	-
	FOOTBALL FIELD SPEAKERS																		
	CONDUITS																		
1	3/4" EMT Conduit	320	10%	352	LF	\$	98.00	C	\$	344.96	\$	65.00	3.2	C	11.26	\$	732	\$	1,077
	3/4" CONN SS STL - EMT	7	0%	7	EA	\$	47.65	C	\$	3.34	\$	65.00	10	C	0.70	\$	46	\$	49
	3/4" COUPLING SS STL - EMT	32	0%	32	EA	\$	84.54	C	\$	27.05	\$	65.00	4	C	1.28	\$	83	\$	110
	3/4" 1-H STRAP - EMT - STEEL	32	0%	32	EA	\$	21.20	C	\$	6.78	\$	65.00	5.4	C	1.73	\$	112	\$	119
	4x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.23	C	\$	16.17	\$	65.00	23	C	0.92	\$	60	\$	76
	4" SQ BLANK COVER	4	0%	4	EA	\$	150.32	C	\$	6.01	\$	65.00	2.5	C	0.10	\$	7	\$	13
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	32	0%	32	EA	\$	4.63	C	\$	1.48	\$	65.00	6	C	1.92	\$	125	\$	126
	#10 x 1 P/H SELF-TAP SCREW	32	0%	32	EA	\$	12.64	C	\$	4.04	\$	65.00	3	C	0.96	\$	62	\$	66
	CONDUCTOR																		
1	West Penn AQC227 12/2 Stranded Cable	600	10%	660	LF	\$	820.00	M	\$	541.20	\$	65.00	8.00	M	5.28	\$	343	\$	884
2	West Penn 291 22/2 Stranded	140	10%	154	LF	\$	165.00	M	\$	25.41	\$	65.00	6.00	M	0.92	\$	60	\$	85
	DEVICES																		
1	SPEAKERS LEFT/RIGHT PRESS BOX Danley Sound Labs SM80F-AT	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	4.00	E	8.00	\$	520	\$	520
2	SPEAKERS FRONT CENTER FOOTBALL PRESS BOX Danley Sound Labs GO-2-8CX-AR	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	4.00	E	4.00	\$	260	\$	260
3	SPEAKER LONG THROW VISITOR Danley Sound Labs SH46-AT	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	4.00	E	8.00	\$	520	\$	520
4	Rack Lowell Model No. LBR-2122	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
	Furman CN-2400S Power Sequencer	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	1.00	E	2.00	\$	130	\$	130
	Lowell SLS Sliding Shelf	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
	3U UDE Drawer	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.60	\$	39	\$	39
5	Dual Gang Custom Stainless Steel input plate with dual XLR connectors and 3.5mm stereo	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
6	Amplifier Danley Sound Labs DNA Pro series 20K4.	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
7	Amplifier Danley Sound Labs DNA C 5K4c	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
8	Mixer udio-Technica ATDM-0604	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
9	Mixer Symetrix Prism 4x4	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
10	CD Player Denon Professional DN-500	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
11	CAD Audio Desktop 878HL dual impedance omnidirectional dynamic microphone with PTT switch, Shure	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
12	FM wireless receiver Audio-Technica ATW-R3100b	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
13	ATW-T341b handheld transmitters Equivalent SLX Series by Shure	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
14	Allowance For Testing & Training	1	0%	1	EA	\$	-	LS	\$	-	\$	65.00	14.00	E	14.00	\$	910	\$	910
	Quotation For FOOTBALL FIELD SPEAKERS (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS			E						E	0.00	\$	-	\$	-
	BAND ROOM SOUND SYSTEM																		
	NOTE: Band room devices are not shown on plans. All devices are included from specs. Please confirm																		
	CONDUITS																		
1	3/4" EMT Conduit	3200	10%	3520	LF	\$	98.00	C	\$	3,449.60	\$	65.00	3.2	C	112.64	\$	7,322	\$	10,771
	3/4" CONN SS STL - EMT	64	0%	64	EA	\$	47.65	C	\$	30.50	\$	65.00	10	C	6.40	\$	416	\$	446
	3/4" COUPLING SS STL - EMT	320	0%	320	EA	\$	84.54	C	\$	270.53	\$	65.00	4	C	12.80	\$	832	\$	1,103
	3/4" 1-H STRAP - EMT - STEEL	320	0%	320	EA	\$	21.20	C	\$	67.84	\$	65.00	5.4	C	17.28	\$	1,123	\$	1,191
	4x 1 1/2" SQ BOX COMB KO	32	0%	32	EA	\$	404.23	C	\$	129.35	\$	65.00	23	C	7.36	\$	478	\$	608
	4" SQ BLANK COVER	32	0%	32	EA	\$	150.32	C	\$	48.10	\$	65.00	2.5	C	0.80	\$	52	\$	100
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	320	0%	320	EA	\$	4.63	C	\$	14.82	\$	65.00	6	C	19.20	\$	1,248	\$	1,263
	#10 x 1 P/H SELF-TAP SCREW	320	0%	320	EA	\$	12.64	C	\$	40.45	\$	65.00	3	C	9.60	\$	624	\$	664
	CONDUCTOR																		
1	16/2 Shielded Belden Cable	5350	10%	5885	LF	\$	980.00	M	\$	5,767	\$	65	8	M	47.08	\$	3,060	\$	8,828
	DEVICES																		
	(a) LOCAL AREA SOUND SYSTEMS																		
1	Band Sound System Speaker Full-Range Speaker, 70V, JBL #26CT, QSC	4	0%	4	EA	\$	-	E	\$	-	\$	65.00	0.85	E	3.40	\$	221	\$	221
2	Middle Atlantic EWR Series wall rack, 16RU x 17" Deep - #EWR-16-17, Lowell or Approved Equal	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
3	User AV Operation and Storage Cabinet, Middle Atlantic 4 Space, Low Profile Wall Rack, Plexi Top, Putty, #VWM-PD-36K-PW	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
4	Equipment Rack PDU, Middle Atlantic 15 Amp Rackmount Power Strip with 9 outlets, #PD-915R, Tripp Lite	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.50	E	0.50	\$	33	\$	33
5	Equipment Rack Mixer, Shure 8-channel rackmount automatic mic mixer, #SCM810, AKG	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
6	Equipment Loudspeaker Management System, DBX feedback eliminator, RTA, ET and remote volume control system, #DriveRack 260	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
7	Amplifier QSC 2-channel power amplifier, 800W	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	1.00	E	2.00	\$	130	\$	130
8	Microphone stand and Microphone, Cardoid with on/off switch, Shure SM58S with Gator 10" Round Base Microphone Stand	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
9	Hand Clutch GFWMIC-1001	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.50	E	0.50	\$	33	\$	33
10	25', heavy duty low impedance microphone cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.35	E	0.35	\$	23	\$	23
	Custom Input and Operation Plate, Remote Volume Control - DBX #ZC1																		
11	XLR Input Plate - Single Gang, Aluminum, Screw Mounted Connectors with Neutrik NC3FD-L-B-1 3-Pin XLR Panel Mount Connector	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
12	Wireless Microphone Shure Combo System with SLXD4 and SM58 - SLXD24/85, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
13	Shure Combo System with SLXD1, SLXD4, SM58 and WL185 - SLXD124/85, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
14	Shure Dual Docking Station for SLX-D Transmitters and SB903 Battery Model -SBC203-US, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
15	Shure 5-Way Active Ultra-Wide Band Antenna Splitter and Power Distribution System Model - UA845UWB	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
16	Wireless Microphone Distribution Shure 5-Way Active Ultra-Wide Band Antenna Splitter and Power Distribution System Model - UA845UWB	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65

17	Shure 1/2 Wave Omni Antenna with 2' BNC Cable	2	0%	2	EA	\$	E	\$	-	\$	65.00	1.50	E	3.00	\$	195	\$	195
18	25' BNC Cable	2	0%	2	EA	\$	E	\$	-	\$	65.00	0.25	E	0.50	\$	33	\$	33
19	WA371 Mounting Clip (470-1100MHz) Model - UA8605WB, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.55	E	0.55	\$	36	\$	36
20	AV Direct Box, Switchcraft AV Direct Box with Custom Transformer Model - SC700CT	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
21	25' xlr cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.35	E	0.35	\$	23	\$	23
22	Projector, Epson Pro 4K 3LCD Laser Projector EB-PJ1006W WUXGA 3LCD, NEC	1	0%	1	EA	\$	E	\$	-	\$	65.00	3.00	E	3.00	\$	195	\$	195
23	Projector Mount/Cage, Chief Heavy Duty Wall Mount Dual Stud WMA25 with universal projector mount RPAUW	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
24	6" extension column CMS006W and extra large security cage, PG3AW	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.80	E	0.80	\$	52	\$	52
25	Projector Control, Extron MLC Plus 100 Media Link Plus Controller #60-1469-03	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.80	E	0.80	\$	52	\$	52
26	Projector Input Plate, Intelix HDMI/VGA Auto-Switching Wallplate with VGA Scaling and HDBaseT output #AS-1H1VWP-W, Kramer	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
27	Projector Audio Extractor, HDMI Audio De-Embeder, Kramer #FC-46H2	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
28	Allowance For Testing & Training	1	0%	1	EA	\$	LS	\$	-	\$	65.00	12.00	E	12.00	\$	780	\$	780
(b) LOCAL AREA SOUND SYSTEMS (Digital Media)																		
1	Middle Atlantic EWR Series wall rack, 16RU x 17" Deep - #EWR-16-17	1	0%	1	EA	\$	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
2	User AV Operation and Storage Cabinet, Middle Atlantic 4 Space, Low Profile Wall Rack, Plexi Top, Putty, #WVMM-PD-36K-PW	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
3	Rack Mount PDU, Middle Atlantic 15 Amp Rackmount Power Strip with 9 outlets, #PD-915R, Tripp Lite	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.50	E	0.50	\$	33	\$	33
4	Equipment Rack Mixer, Shure 8-channel rackmount automatic mic mixer, #SCM810, AKG	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
5	Equipment Loudspeaker Management System, DBX feedback eliminator, RTA, ET and remote volume control system, #DriveRack 260	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
6	QSC 2-channel power amplifier 800W	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
7	Bluetooth Receiver and remote antenna, Rack mount 1U Bluetooth receiver with wireless antenna - Denon #DN300BR	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
8	Custom Input and Operation Plate, Remote Volume Control - DBX #ZC1 XLR Input Plate - Single Gang, Aluminum, Screw Mounted Connectors with Neutrik NC3FD-L-B-1 3-Pin XLR Panel Mount Connector	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
9	Microphone, Cardoid with on/off switch, Shure SM58S with Gator 10" Round Base Microphone Stand and with	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
10	One Hand Clutch GFWMIC-1001	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
11	25', heavy duty low impedance microphone cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
12	Wireless Microphone System, Shure Combo System with SLXD4 and SM58 - SLXD24/85, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
13	Shure Combo System with SLXD1, SLXD4, SM58 and WL185 - SLXD124/85, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
14	Shure Dual Docking Station for SLX-D Transmitters and SB903 Battery Model -SBC203-US, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
15	Wireless Microphone Distribution, Shure 5-Way Active Ultra-Wide Band Antenna Splitter and Power Distribution System Model - UA845UWB, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
16	Shure 1/2 Wave Om ni Antenna with 2' BNC Cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.50	E	1.50	\$	98	\$	98
17	25' BNC Cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.35	E	0.35	\$	23	\$	23
18	WA371 Mounting Clip (470-1100MHz) Model - UA8605WB	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.55	E	0.55	\$	36	\$	36
19	AV Direct Box, Switchcraft AV Direct Box with Custom Transformer Model - SC700CT, Radial Engineering or Approved Equal	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
20	25' xlr cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.35	E	0.35	\$	23	\$	23
21	Two-Channel Audio Combiners Model - MIX 2:1, Radial Engineering or Approved Equal	2	0%	2	EA	\$	E	\$	-	\$	65.00	1.00	E	2.00	\$	130	\$	130
22	6' xlr cable	2	0%	2	EA	\$	E	\$	-	\$	65.00	0.35	E	0.70	\$	46	\$	46
23	Projector, Epson Pro 4K 3LCD Laser Projector EB-PJ1006W WUXGA 3LCD	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
24	Projector Mount/Cage, Chief universal tile replacement projector mounting kit RPA Universal Projector Kit (RPAU, CMA455, CMS003).	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.80	E	0.80	\$	52	\$	52
25	Projector Control, Extron MLC Plus 100 Media Link Plus Controller #60-1469-03, Kramer	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.80	E	0.80	\$	52	\$	52
26	Projector Input Plate, Intelix HDMI/VGA Auto-Switching Wallplate with VGA Scaling and HDBaseT output #AS-1H1VWP-W, Kramer	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
27	Projector Audio Extractor, HDMI Audio De-Embeder, Kramer #FC-46H2 or equal.	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
28	Recessed Speakers, JBL #26CT, QSC (Quantity Assumed)	4	0%	4	EA	\$	E	\$	-	\$	65.00	0.85	E	3.40	\$	221	\$	221
29	Allowance For Testing & Training	1	0%	1	EA	\$	LS	\$	-	\$	65.00	12.00	E	12.00	\$	780	\$	780
(c)LOCAL AREA SOUND SYSTEMS (Vocal)																		
1	Middle Atlantic DWR Series wall rack, 21RU x 17" Deep - #DWR-21-17, Lowell	1	0%	1	EA	\$	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
2	Middle Atlantic 15 Amp Rackmount Power Strip with 9 outlets, #PD-915R, Tripp Lite or Approved Equal	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.50	E	0.50	\$	33	\$	33
3	Allen and Heath recording 22 in / 12 out rack mountable mixer #AH-QU-PAC-32	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
4	Equipment Loudspeaker Management System, DBX feedback eliminator, RTA, ET and remote volume control system, #DriveRack 260	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
5	QSC 2-channel power amplifier, 800W	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
6	1U Bluetooth receiver with wireless antenna - Denon #DN300BR.	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
7	5.25 Full-Range Pendant Speaker, 70V, JBL #C65P/T, QSC (Quantity Assumed)	4	0%	4	EA	\$	E	\$	-	\$	65.00	0.85	E	3.40	\$	221	\$	221
8	Custom Input and Operation Plate, Remote Volume Control - DBX #ZC1 XLR Input Plate - Single Gang, Aluminum, Screw Mounted Connectors with Neutrik NC3FD-L-B-1 3-Pin XLR Panel Mount Connector	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
9	Microphone, Cardoid with on/off switch, Shure SM58S with Gator 10" Round Base Microphone Stand	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
10	Clutch GFWMIC-1001	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
11	25', heavy duty low impedance microphone cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.35	E	0.35	\$	23	\$	23
12	Wireless Microphone System, Shure Combo System with SLXD4 and SM58 - SLXD24/85, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
13	Shure Combo System with SLXD1, SLXD4, SM58 and WL185 - SLXD124/85	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
14	Shure Dual Docking Station for SLX-D Transmitters and SB903 Battery Model -SBC203-US, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
15	Wireless Microphone Distribution, Shure 5-Way Active Ultra-Wide Band Antenna Splitter and Power Distribution System Model - UA845UWB	1	0%	1	EA	\$	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
16	Shure 1/2 Wave Omni Antenna with 2' BNC Cable	2	0%	2	EA	\$	E	\$	-	\$	65.00	1.50	E	3.00	\$	195	\$	195
17	25' BNC Cable	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
18	WA371 Mounting Clip (470-1100MHz) Model - UA8605WB, Sennheiser	1	0%	1	EA	\$	E	\$	-	\$	65.00	0.50	E	0.50	\$	33	\$	33
19	Choir Microphones, Shure Cardiod flexible overhead, permanently installed with built in preamp and surface mount # MX202BP/C	3	0%	3	EA	\$	E	\$	-	\$	65.00	1.00	E	3.00	\$	195	\$	195

ABLE ESTIMATING

20	AV Direct Box, Switchcraft AV Direct Box with Custom Transformer Model – SC700CT, Radial Engineering or Approved Equal with	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
21	25' xlr cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
22	Two-Channel Audio Combiners Model – MIX 2:1, Radial Engineering or Approved Equal with 6' xlr cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
23	TV Audio Extractor, HDMI Audio De-Embeder, Kramer #FC-46H2	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
24	Allowance For Testing & Training	1	0%	1	EA	\$	-	LS	\$	-	\$	65.00	12.00	E	12.00	\$	780	\$	780
LOCAL AREA SOUND SYSTEMS (Band)																			
1	Middle Atlantic DWR Series wall rack, 21RU x 17" Deep - #DWR-21-17, Lowell or Approved Equal	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
2	Equipment Rack PDU, Middle Atlantic 15 Amp Rackmount Power Strip with 9 outlets, #PD-915R, Tripp Lite	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.55	E	0.55	\$	36	\$	36
3	Equipment Rack Mixer, Allen and Heath recording 22 in / 12 out rack mountable mixer #AH-QU-PAC-32.	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
4	Equipment Loudspeaker Management System, DBX feedback eliminator, RTA, ET and remote volume control system, #DriveRack 260	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
5	Amplifier, QSC 2-channel power amplifier, 800W at 70V	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
6	1U Bluetooth receiver with wireless antenna – Denon #DN300BR	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
7	5.25 Full-Range Pendant Speaker, 70V, JBL #C65P/T, QSC (Quantity Assumed)	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
8	Custom Input and Operation Plate, Remote Volume Control – DBX #ZC1. XLR Input Plate – Single Gang, Aluminum, Screw Mounted Connectors with Neutrik NC3FD-L-B-1 3-Pin XLR Panel Mount Connector	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
9	Microphone, Cardoid with on/off switch, Shure SM58S with Gator 10" Round Base Microphone Stand	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
10	Clutch GFWMIC-1001	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
11	25', heavy duty low impedance microphone cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
12	Wireless Microphone System, Shure Combo System with SLXD4 and SM58 – SLXD24/85, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
13	Shure Combo System with SLXD1, SLXD4, SM58 and WL185 – SLXD124/85	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
14	Shure Dual Docking Station for SLX-D Transmitters and SB903 Battery Model –SBC203-US, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
15	Wireless Microphone Distribution, Shure 5-Way Active Ultra-Wide Band Antenna Splitter and Power Distribution System Model – UA845UWB	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
16	Shure ½ Wave Omni Antenna with 2' BNC Cable	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	1.50	E	3.00	\$	195	\$	195
17	25' BNC Cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
18	WA371 Mounting Clip (470-1100MHz) Model – UA860SWB, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
19	Overhead Microphones, Shure Cardioid flexible overhead, permanently installed with built in preamp and surface mount # MX202BP/C	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
20	Recording Microphones, Shure condenser microphones and #SM81	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
21	Extra tall boom microphone stands and required clips #K&M 21021.	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	2.00	E	4.00	\$	260	\$	260
22	Two-Channel Audio Combiners Model – MIX 2:1, Radial Engineering or Approved Equal with	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
23	6' xlr cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
24	AV Direct Box, Switchcraft AV Direct Box with Custom Transformer Model – SC700CT	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
25	TV Audio Extractor, HDMI Audio De-Embeder, Kramer #FC-46H2	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
26	Allowance For Testing & Training	1	0%	1	EA	\$	-	LS	\$	-	\$	65.00	12.00	E	12.00	\$	780	\$	780
LOCAL AREA SOUND SYSTEMS (Drama)																			
1	Middle Atlantic EWR Series wall rack, 16RU x 17" Deep - #EWR-16-17	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	2.50	E	2.50	\$	163	\$	163
2	Equipment Rack PDU, Middle Atlantic 15 Amp Rackmount Power Strip with 9 outlets, #PD-915R, Tripp Lite	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.55	E	0.55	\$	36	\$	36
3	Equipment Rack Mixer, Shure 8-channel rackmount automatic mic mixer, #SCM810, AKG	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
4	Equipment Loudspeaker Management System, DBX feedback eliminator, RTA, ET and remote volume control system, #DriveRack 260	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
5	Amplifier, QSC 2-channel power amplifier, 800W	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
6	1U Bluetooth receiver with wireless antenna – Denon #DN300BR	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
7	5.25 Full-Range Pendant Speaker, 70V, JBL #C65P/T, QSC (Quantity Assumed)	4	0%	4	EA	\$	-	E	\$	-	\$	65.00	1.45	E	5.80	\$	377	\$	377
8	Custom Input and Operation Plates Remote Volume Control – DBX #ZC1. XLR Input Plate – Single Gang, Aluminum, Screw Mounted Connectors with Neutrik NCJ5FI-V-0 Panel Mount Connector. Dual XLR Input Plate – Single Gang, Aluminum, Screw Mounted Connectors with (2) Neutrik NC3FD-L-B-1 3-Pin XLR Panel Mount Connector.	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
9	Microphone, Cardoid with on/off switch, Shure SM58S with Gator 10" Round Base Microphone Stand	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
10	25', heavy duty low impedance microphone cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
11	Hand Clutch GFWMIC-1001	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.50	E	0.50	\$	33	\$	33
12	Wireless Microphone System, Shure Combo System with SLXD4 and SM58 – SLXD24/85, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
13	Shure Combo System with SLXD1, SLXD4, SM58 and WL185 – SLXD124/85	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
14	Shure Dual Docking Station for SLX-D Transmitters and SB903 Battery Model –SBC203-US, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
15	Wireless Microphone Distribution, Shure 5-Way Active Ultra-Wide Band Antenna Splitter and Power Distribution System Model – UA845UWB	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
16	Shure ½ Wave Omni Antenna with 2' BNC Cable	2	0%	2	EA	\$	-	E	\$	-	\$	65.00	1.25	E	2.50	\$	163	\$	163
17	25' BNC Cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.30	E	0.30	\$	20	\$	20
18	WA371 Mounting Clip (470-1100MHz) Model – UA860SWB, Sennheiser	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.65	E	0.65	\$	42	\$	42
19	Two-Channel Audio Combiners Model – MIX 2:1, Radial Engineering or Approved Equal with	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
20	6' xlr cable	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	0.85	E	0.85	\$	55	\$	55
21	AV Direct Box, Switchcraft AV Direct Box with Custom Transformer Model – SC700CT	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
22	TV Audio Extractor, HDMI Audio De-Embeder, Kramer #FC-46H2	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	1.00	E	1.00	\$	65	\$	65
26	Allowance For Testing & Training	1	0%	1	EA	\$	-	LS	\$	-	\$	65.00	12.00	E	12.00	\$	780	\$	780
THEATRICAL PROJECTORS																			
1	16000 lumen large venue laser projector, WUXGA with medium throw lens # EB-PU2116W and # ELP10M10 lens	1	0%	1	EA	\$	-	E	\$	-	\$	65.00	6.00	E	6.00	\$	390	\$	390
2	3600 lumen short throw laser projectors with XGA output, PowerLite L200SX	3	0%	3	EA	\$	-	E	\$	-	\$	65.00	4.00	E	12.00	\$	780	\$	780
CLASSROOM SPEAKERS																			
1	SS C: Classroom Sound System Speaker, TCO MULTIMEDIA CEILING SPEAKERS (Legend Not Given)	44	0%	44	EA	\$	-	E	\$	-	\$	65.00	0.85	E	37.40	\$	2,431	\$	2,431

	4 x 1 1/2" SQ BOX COMB KO	44	0%	44	EA	\$ 404.00	C	\$ 177.76	\$ 65.00	23	C	10.12	\$ 658	\$ 836
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	88	0%	88	EA	\$ 10.29	C	\$ 9.06	\$ 65.00	6	C	5.28	\$ 343	\$ 352
	#10x 1 P/H SELF-TAP SCREW	88	0%	88	EA	\$ 13.91	C	\$ 12.24	\$ 65.00	3	C	2.64	\$ 172	\$ 184
2	LIGHTSPEED TEK 975 ACCESS SYSTEM WITH TWO (2) FLEXMIKE'S AND ONE (1) CHARGER	44	0%	44	EA	\$	E	\$	\$ 65.00	2.00	E	88.00	\$ 5,720	\$ 5,720
3	SS-S: Sound System Amplifier /Head End(Legend Not Given)	1	0%	1	EA	\$	E	\$	\$ 65.00	20.00	E	20.00	\$ 1,300	\$ 1,300
	Quotation For BAND ROOM & CLASSROOM SYSTEM (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E				E	0.00	\$ -	\$ -
GYMNASIUM SOUND SYSTEM														
CONDUITS														
1	3/4" EMT Conduit	2000	10%	2200	LF	\$ 98.00	C	\$ 2,156.00	\$ 65.00	3.2	C	70.40	\$ 4,576	\$ 6,732
	3/4" CONN SS STL - EMT	40	0%	40	EA	\$ 47.65	C	\$ 19.06	\$ 65.00	10	C	4.00	\$ 260	\$ 279
	3/4" COUPLING SS STL - EMT	200	0%	200	EA	\$ 84.54	C	\$ 169.08	\$ 65.00	4	C	8.00	\$ 520	\$ 689
	3/4" 1-H STRAP - EMT - STEEL	200	0%	200	EA	\$ 21.20	C	\$ 42.40	\$ 65.00	5.4	C	10.80	\$ 702	\$ 744
	4x 1 1/2" SQ BOX COMB KO	20	0%	20	EA	\$ 404.23	C	\$ 80.85	\$ 65.00	23	C	4.60	\$ 299	\$ 380
	4" SQ BLANK COVER	20	0%	20	EA	\$ 150.32	C	\$ 30.06	\$ 65.00	2.5	C	0.50	\$ 33	\$ 63
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	200	0%	200	EA	\$ 4.63	C	\$ 9.26	\$ 65.00	6	C	12.00	\$ 780	\$ 789
	#10 x 1 P/H SELF-TAP SCREW	200	0%	200	EA	\$ 12.64	C	\$ 25.28	\$ 65.00	3	C	6.00	\$ 390	\$ 415
CONDUCTOR														
1	West Penn 227 12/2 Stranded	900	10%	990	LF	\$ 1,392.00	M	\$ 1,378	\$ 65	9	M	8.91	\$ 579	\$ 1,957
2	West Penn 291 22/2 Stranded	200	10%	220	LF	\$ 156.00	M	\$ 34	\$ 65	7	M	1.54	\$ 100	\$ 134
DEVICES														
1	Gymnasium Sound System Speaker, Danley Sound Labs SM-100F	6	0%	6	EA	\$	E	\$	\$ 65.00	2.50	E	15.00	\$ 975	\$ 975
	stand-alone floor rack shall be Lowell Model No. LER-2422	1	0%	1	EA	\$	E	\$	\$ 65.00	2.50	E	2.50	\$ 163	\$ 163
	UDP-414 Drawer	1	0%	1	EA	\$	E	\$	\$ 65.00	0.65	E	0.65	\$ 42	\$ 42
	RPC-3N1	1	0%	1	EA	\$	E	\$	\$ 65.00	0.85	E	0.85	\$ 55	\$ 55
	RPC-20-SCD-RJ	2	0%	2	EA	\$	E	\$	\$ 65.00	0.85	E	1.70	\$ 111	\$ 111
	SEQR-4K Sequencer	1	0%	1	EA	\$	E	\$	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
2	Remote Equipment Cabinet, Lowell Model LPR-2122	1	0%	1	EA	\$	E	\$	\$ 65.00	2.50	E	2.50	\$ 163	\$ 163
3	Amplifier, Powersoft Duecanali 804	1	0%	1	EA	\$	E	\$	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
4	Digital Signal Platform, ARC-3 Remote Control Panel	1	0%	1	EA	\$	E	\$	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
5	CD Player, Denon Professional model DN-500CB	1	0%	1	EA	\$	E	\$	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
6	Mixer Remote Cart, Audio-Technica #ATDM-0604	2	0%	2	EA	\$	E	\$	\$ 65.00	1.00	E	2.00	\$ 130	\$ 130
7	Sequential Power/Conditioner Remote Cart, Furman M-85	1	0%	1	EA	\$	E	\$	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
8	Handheld Dynamic Microphones With On/Off Switch, Audio Technica, Shure	4	0%	4	EA	\$	E	\$	\$ 65.00	1.00	E	4.00	\$ 260	\$ 260
9	Microphone stands equivalent to Atlas Soundolier MS-12C	4	0%	4	EA	\$	E	\$	\$ 65.00	0.65	E	2.60	\$ 169	\$ 169
10	50' Microphone cables	4	0%	4	EA	\$	E	\$	\$ 65.00	0.35	E	1.40	\$ 91	\$ 91
11	Atlss DS7 Mic Stand	1	0%	1	EA	\$	E	\$	\$ 65.00	0.65	E	0.65	\$ 42	\$ 42
12	25' Microphone cables	1	0%	1	EA	\$	E	\$	\$ 65.00	0.30	E	0.30	\$ 20	\$ 20
13	Wireless Microphones, Audio-Technica ATW-3212/C710s or approved equal	2	0%	2	EA	\$	E	\$	\$ 65.00	1.00	E	2.00	\$ 130	\$ 130
14	DFINBDISTRO4 Bundle	2	0%	2	EA	\$	E	\$	\$ 65.00	0.65	E	1.30	\$ 85	\$ 85
15	LCS-121-01 WI-FI/RF Assisted Listening Systems (8) LR-4200-072 DSP RF Receivers (5) LA-430 Ear Phone/Neck Loop Lanyard (20) LA-401 Ear Speaker (2) LA-423 USB Charger	1	0%	1	EA	\$	E	\$	\$ 65.00	2.50	E	2.50	\$ 163	\$ 163
16	Junction Box With Custom Anodized Aluminum Face Plate With One HDMI Female pass-Through Connector	1	0%	1	EA	\$	E	\$	\$ 65	0.85	E	0.85	\$ 55	\$ 55
17	Allowance For Testing & Training	1	0%	1	EA	\$	LS	\$	\$ 65.00	18.00	E	18.00	\$ 1,170	\$ 1,170
	Quotation For Gym Sound System (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E				E	0.00	\$ -	\$ -
OVERHEAD PAGING														
CONDUITS														
1	3/4" EMT Conduit	860	10%	946	FT	\$ 96.99	C	\$ 917.54	\$ 65.00	3.2	C	30.27	\$ 1,968	\$ 2,885
	3/4" CONN SS STL - EMT	18	0%	18	EA	\$ 68.60	C	\$ 12.35	\$ 65.00	10	C	1.80	\$ 117	\$ 129
	3/4" COUPLING SS STL - EMT	86	0%	86	EA	\$ 58.99	C	\$ 50.73	\$ 65.00	4	C	3.44	\$ 224	\$ 274
	3/4" 1-H STRAP - EMT - STEEL	86	0%	86	EA	\$ 29.99	C	\$ 25.79	\$ 65.00	5.4	C	4.64	\$ 302	\$ 328
	4x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$ 404.00	C	\$ 36.36	\$ 65.00	23	C	2.07	\$ 135	\$ 171
	4" SQ BLANK COVER	9	0%	9	EA	\$ 81.23	C	\$ 7.31	\$ 65.00	2.5	C	0.23	\$ 15	\$ 22
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	86	0%	86	EA	\$ 3.86	C	\$ 3.32	\$ 65.00	6	C	5.16	\$ 335	\$ 339
	#10 x 1 P/H SELF-TAP SCREW	43	0%	43	EA	\$ 14.64	C	\$ 6.29	\$ 65.00	3	C	1.29	\$ 84	\$ 90
CONDUCTOR														
1	16/2 Shielded Belden Cable	6880	10%	7568	FT	\$ 320.91	M	\$ 2,428.65	\$ 65.00	8.8	M	66.60	\$ 4,329	\$ 6,758
DEVICES														
1	Paging Speaker Wall Mounted	1	0%	1	EA	\$	E	\$	\$ 65.00	0.65	E	0.65	\$ 42	\$ 42
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4
2	Paging Speaker Ceiling Mounted	131	0%	131	EA	\$	E	\$	\$ 65.00	0.65	E	85.15	\$ 5,535	\$ 5,535
	4 x 1 1/2" SQ BOX COMB KO	131	0%	131	EA	\$ 404.00	C	\$ 529.24	\$ 65.00	23	C	30.13	\$ 1,958	\$ 2,488
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	262	0%	262	EA	\$ 10.29	C	\$ 26.97	\$ 65.00	6	C	15.72	\$ 1,022	\$ 1,049
	#10x 1 P/H SELF-TAP SCREW	262	0%	262	EA	\$ 13.91	C	\$ 36.45	\$ 65.00	3	C	7.86	\$ 511	\$ 547
3	Paging Speaker W/Volume Control	35	0%	35	EA	\$	E	\$	\$ 65.00	0.50	E	17.50	\$ 1,138	\$ 1,138
	4 x 1 1/2" SQ BOX COMB KO	35	0%	35	EA	\$ 404.00	C	\$ 141.40	\$ 65.00	23	C	8.05	\$ 523	\$ 665
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	70	0%	70	EA	\$ 10.29	C	\$ 7.20	\$ 65.00	6	C	4.20	\$ 273	\$ 280
	#10x 1 P/H SELF-TAP SCREW	70	0%	70	EA	\$ 13.91	C	\$ 9.74	\$ 65.00	3	C	2.10	\$ 137	\$ 146
4	Vandal Proof/Weather Proof Wall Mounted Paging Speaker QUAM VP1	4	0%	4	EA	\$	E	\$	\$ 65.00	0.80	E	3.20	\$ 208	\$ 208
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 404.00	C	\$ 16.16	\$ 65.00	23	C	0.92	\$ 60	\$ 76
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$ 10.29	C	\$ 0.82	\$ 65.00	6	C	0.48	\$ 31	\$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$ 13.91	C	\$ 1.11	\$ 65.00	3	C	0.24	\$ 16	\$ 17
5	Paging System Amplifier/Tuner Cabinet/Head End	1	0%	1	EA	\$	E	\$	\$ 65.00	25.00	E	25.00	\$ 1,625	\$ 1,625
6	Allowance For Testing & Training	1	0%	1	EA	\$	LS	\$	\$ 65.00	30.00	E	30.00	\$ 1,950	\$ 1,950
	Quotation For Paging System (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E				E	0.00	\$ -	\$ -
TOTAL MATERIAL COST													\$ 150,345	
TOTAL LABOR COST													\$ 300,994	

TOTAL LABOR HOURS			4,630
TOTAL COST			\$ 451,279
OVERHEADS & PROFIT	25%	\$	112,820
SALES TAX	6%	\$	9,021
TOTAL BID			\$ 573,120
SCOPE OF ESTIMATE:			
I	SUPPLY & INSTALL		
1	TELECOM		
2	MEDIA HUB A/V SYSTEM		
3	FOOTBALL FIELD SOUND SYSTEM		
4	BAND ROOM SOUND SYSTEM		
5	GYMNASIUM SOUND SYSTEM		
6	OVERHEAD PAGING		
II	NOTES		
1	Material prices and labor hours are figured from the accubid database.		
2	Please add quotes from vendors for Telecom, Media Hub A/V System, Football Field Sound System, Band Room Sound System, Gymnasium Sound System, Overhead Paging 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	Band room devices are not shown on plans. All devices are included from specs. Please confirm		
5	EMT conduit is provided up to J-Hooks pathways.		

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														
ACCESS CONTROL														
CONDUITS														
1	3/4" EMT Conduit	7755	10%	8531	FT	\$ 96.99	C	\$ 8,273.90	\$ 65.00	3.2	C	272.98	\$ 17,743	\$ 26,017
	3/4" CONN SS STL - EMT	156	0%	156	EA	\$ 68.60	C	\$ 107.02	\$ 65.00	10	C	15.60	\$ 1,014	\$ 1,121
	3/4" COUPLING SS STL - EMT	776	0%	776	EA	\$ 58.99	C	\$ 457.77	\$ 65.00	4	C	31.04	\$ 2,018	\$ 2,475
	3/4" 1-H STRAP - EMT - STEEL	776	0%	776	EA	\$ 29.99	C	\$ 232.75	\$ 65.00	5.4	C	41.90	\$ 2,724	\$ 2,957
	4x 1 1/2" SQ BOX COMB KO	78	0%	78	EA	\$ 404.00	C	\$ 315.12	\$ 65.00	23	C	17.94	\$ 1,166	\$ 1,481
	4" SQ BLANK COVER	78	0%	78	EA	\$ 81.23	C	\$ 63.36	\$ 65.00	2.5	C	1.95	\$ 127	\$ 190
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	776	0%	776	EA	\$ 3.86	C	\$ 29.98	\$ 65.00	6	C	46.56	\$ 3,026	\$ 3,056
	#10 x 1 P/H SELF-TAP SCREW	388	0%	388	EA	\$ 14.64	C	\$ 56.80	\$ 65.00	3	C	11.64	\$ 757	\$ 813
CONDUCTOR														
1	Composite Cable Plenum Rated For Access Control Devices	20160	10%	22176	LF	\$ 1,150.00	M	\$ 25,502.40	\$ 65.00	15	M	332.64	\$ 21,622	\$ 47,124
DEVICES														
1	Door Release Card Reader Station	86	0%	86	EA	\$ 404.00	E	\$ -	\$ 65.00	1.25	E	107.50	\$ 6,988	\$ 6,988
	4 x 1 1/2" SQ BOX COMB KO	86	0%	86	EA	\$ 404.00	C	\$ 347.44	\$ 65.00	23	C	19.78	\$ 1,286	\$ 1,633
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	172	0%	172	EA	\$ 10.29	C	\$ 17.70	\$ 65.00	6	C	10.32	\$ 671	\$ 689
	#10x 1 P/H SELF-TAP SCREW	172	0%	172	EA	\$ 13.91	C	\$ 23.93	\$ 65.00	3	C	5.16	\$ 335	\$ 359
2	Door Release Button	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	0.65	E	0.65	\$ 42	\$ 42
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4
3	Access Door Controller	84	0%	84	EA	\$ -	E	\$ -	\$ 65.00	1.50	E	126.00	\$ 8,190	\$ 8,190
4	Electricified Latch	103	0%	103	EA	\$ -	E	\$ -	\$ 65.00	0.75	E	77.25	\$ 5,021	\$ 5,021
5	Power Transfer (Frame To Door)	103	0%	103	EA	\$ -	E	\$ -	\$ 65.00	0.75	E	77.25	\$ 5,021	\$ 5,021
7	Door Alarm/Position Switch	54	0%	54	EA	\$ -	E	\$ -	\$ 65.00	0.80	E	43.20	\$ 2,808	\$ 2,808
8	Door Power Supply	84	0%	84	EA	\$ -	E	\$ -	\$ 65.00	0.85	E	71.40	\$ 4,641	\$ 4,641
9	Security System Head End	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	22.00	E	22.00	\$ 1,430	\$ 1,430
10	Allowance For Programming	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	86.00	E	86.00	\$ 5,590	\$ 5,590
11	Allowance For Testing & Commissioning	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	43.00	E	43.00	\$ 2,795	\$ 2,795
	Quotation For Security Access Control (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS	\$ -	E	\$ -			E	0.00	\$ -	\$ -
CCTV														
CONDUITS														
1	3/4" EMT Conduit	2800	10%	3080	FT	\$ 96.99	C	\$ 2,987.35	\$ 65.00	3.2	C	98.56	\$ 6,406	\$ 9,394
	3/4" CONN SS STL - EMT	56	0%	56	EA	\$ 68.60	C	\$ 38.42	\$ 65.00	10	C	5.60	\$ 364	\$ 402
	3/4" COUPLING SS STL - EMT	280	0%	280	EA	\$ 58.99	C	\$ 165.17	\$ 65.00	4	C	11.20	\$ 728	\$ 893
	3/4" 1-H STRAP - EMT - STEEL	280	0%	280	EA	\$ 29.99	C	\$ 83.98	\$ 65.00	5.4	C	15.12	\$ 983	\$ 1,067
	4x 1 1/2" SQ BOX COMB KO	28	0%	28	EA	\$ 404.00	C	\$ 113.12	\$ 65.00	23	C	6.44	\$ 419	\$ 532
	4" SQ BLANK COVER	28	0%	28	EA	\$ 81.23	C	\$ 22.75	\$ 65.00	2.5	C	0.70	\$ 46	\$ 68
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	280	0%	280	EA	\$ 3.86	C	\$ 10.82	\$ 65.00	6	C	16.80	\$ 1,092	\$ 1,103
	#10 x 1 P/H SELF-TAP SCREW	140	0%	140	EA	\$ 14.64	C	\$ 20.49	\$ 65.00	3	C	4.20	\$ 273	\$ 293
CONDUCTOR														
1	CAT6A Cable	17820	10%	19602	FT	\$ 386.54	M	\$ 7,576.96	\$ 65.00	7.5	M	147.02	\$ 9,556	\$ 17,133
DEVICES														
1	CCTV Camera, Wall Mounted	65	0%	65	EA	\$ -	E	\$ -	\$ 65.00	2.00	E	130.00	\$ 8,450	\$ 8,450
	4 x 1 1/2" SQ BOX COMB KO	65	0%	65	EA	\$ 404.00	C	\$ 262.60	\$ 65.00	23	C	14.95	\$ 972	\$ 1,234
	4" SQ BLANK COVER	65	0%	65	EA	\$ 81.23	C	\$ 52.80	\$ 65.00	2.5	C	1.63	\$ 106	\$ 158
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	130	0%	130	EA	\$ 3.86	C	\$ 5.02	\$ 65.00	6	C	7.80	\$ 507	\$ 512
	#10x 1 P/H SELF-TAP SCREW	130	0%	130	EA	\$ 13.91	C	\$ 18.08	\$ 65.00	3	C	3.90	\$ 254	\$ 272
2	CCTV Camera, Wall Mounted With Wire Guard	15	0%	15	EA	\$ -	E	\$ -	\$ 65.00	2.00	E	30.00	\$ 1,950	\$ 1,950
	4 x 1 1/2" SQ BOX COMB KO	15	0%	15	EA	\$ 404.00	C	\$ 60.60	\$ 65.00	23	C	3.45	\$ 224	\$ 285
	4" SQ BLANK COVER	15	0%	15	EA	\$ 81.23	C	\$ 12.19	\$ 65.00	2.5	C	0.38	\$ 24	\$ 37
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	30	0%	30	EA	\$ 3.86	C	\$ 1.16	\$ 65.00	6	C	1.80	\$ 117	\$ 118
	#10x 1 P/H SELF-TAP SCREW	30	0%	30	EA	\$ 13.91	C	\$ 4.17	\$ 65.00	3	C	0.90	\$ 59	\$ 63
3	CAT6A Patch Cords (7' Each)	80	0%	80	EA	\$ -	E	\$ -	\$ 65.00	0.15	E	12.00	\$ 780	\$ 780
4	NETWORK VIDEO SERVER, Video Insight VMS	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195
5	NETWORK VIDEO CENTRAL STORAGE	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	4.00	E	4.00	\$ 260	\$ 260
6	17" flat panel color monitor Pelco 400 series flat panel, TFT LCD monitor with rack mount kit	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	2.50	E	2.50	\$ 163	\$ 163
7	42" flat panel color monitors with wall mounts, Mount shall be similar to Peerless SmartMount	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	6.00	\$ 390	\$ 390
8	32" flat panel color monitor with wall mount, Mount shall be similar to Peerless SmartMount	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	3.50	E	3.50	\$ 228	\$ 228
9	Allowance For Testing & Commissioning	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	80.00	E	80.00	\$ 5,200	\$ 5,200
	Quotation For CCTV (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS	\$ -	E	\$ -			E	0.00	\$ -	\$ -
FIRE ALARM														
CONDUITS														
1	3/4" EMT	11375	10%	12513	FT	\$ 96.99	C	\$ 12,136.12	\$ 65.00	3.2	C	400.40	\$ 26,026	\$ 38,162
	3/4" CONN SS STL - EMT	228	0%	228	EA	\$ 68.60	C	\$ 156.41	\$ 65.00	10	C	22.80	\$ 1,482	\$ 1,638
	3/4" COUPLING SS STL - EMT	1138	0%	1138	EA	\$ 58.99	C	\$ 671.31	\$ 65.00	4	C	45.52	\$ 2,959	\$ 3,630
	3/4" 1-H STRAP - EMT - STEEL	1138	0%	1138	EA	\$ 29.99	C	\$ 341.33	\$ 65.00	5.4	C	61.45	\$ 3,994	\$ 4,336
	4x 1 1/2" SQ BOX COMB KO	114	0%	114	EA	\$ 404.00	C	\$ 460.56	\$ 65.00	23	C	26.22	\$ 1,704	\$ 2,165
	4" SQ BLANK COVER	114	0%	114	EA	\$ 81.23	C	\$ 92.61	\$ 65.00	2.5	C	2.85	\$ 185	\$ 278
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	1138	0%	1138	EA	\$ 3.86	C	\$ 43.97	\$ 65.00	6	C	68.28	\$ 4,438	\$ 4,482
	#10 x 1 P/H SELF-TAP SCREW	569	0%	569	EA	\$ 14.64	C	\$ 83.29	\$ 65.00	3	C	17.07	\$ 1,110	\$ 1,193
CONDUCTOR														
1	#14 CU THHN/THWN	45500	10%	50050	FT	\$ 160.00	M	\$ 8,008.00	\$ 65.00	4.6	M	230.23	\$ 14,965	\$ 22,973

DEVICES													
1	Audio/Visual Notification Appliance Wall Mounted With Vandal-Proof Polycarbonate Cover	2	0%	2	EA	\$	E	\$	\$	65.00	0.80	E	1.60 \$ 104 \$ 104
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$	8.08	\$	65.00	23 C 0.46 \$ 30 \$ 38
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$	10.29	C	\$	0.41	\$	65.00	6 C 0.24 \$ 16 \$ 16
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$	13.91	C	\$	0.56	\$	65.00	3 C 0.12 \$ 8 \$ 8
2	Audio/Visual Notification Appliance, Ceiling Mounted With Subscript WG	3	0%	3	EA	\$	E	\$	\$	65.00	0.80	E	2.40 \$ 156 \$ 156
	4 x 1 1/2" SQ BOX COMB KO	3	0%	3	EA	\$	404.00	C	\$	12.12	\$	65.00	23 C 0.69 \$ 45 \$ 57
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	6	0%	6	EA	\$	10.29	C	\$	0.62	\$	65.00	6 C 0.36 \$ 23 \$ 24
	#10x 1 P/H SELF-TAP SCREW	6	0%	6	EA	\$	13.91	C	\$	0.83	\$	65.00	3 C 0.18 \$ 12 \$ 13
3	Audio/Visual Notification Appliance, Wall Mounted	168	0%	168	EA	\$	E	\$	\$	65.00	0.85	E	142.80 \$ 9,282 \$ 9,282
	4 x 1 1/2" SQ BOX COMB KO	168	0%	168	EA	\$	404.00	C	\$	678.72	\$	65.00	23 C 38.64 \$ 2,512 \$ 3,190
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	336	0%	336	EA	\$	10.29	C	\$	34.58	\$	65.00	6 C 20.16 \$ 1,310 \$ 1,345
	#10x 1 P/H SELF-TAP SCREW	336	0%	336	EA	\$	13.91	C	\$	46.74	\$	65.00	3 C 10.08 \$ 655 \$ 702
4	Audio/Visual Notification Appliance, Wall Mounted With Subscript WG	14	0%	14	EA	\$	E	\$	\$	65.00	0.85	E	11.90 \$ 774 \$ 774
	4 x 1 1/2" SQ BOX COMB KO	14	0%	14	EA	\$	404.00	C	\$	56.56	\$	65.00	23 C 3.22 \$ 209 \$ 266
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	28	0%	28	EA	\$	10.29	C	\$	2.88	\$	65.00	6 C 1.68 \$ 109 \$ 112
	#10x 1 P/H SELF-TAP SCREW	28	0%	28	EA	\$	13.91	C	\$	3.89	\$	65.00	3 C 0.84 \$ 55 \$ 58
5	Audio/Visual Notification Appliance, Wall Mounted, WP	5	0%	5	EA	\$	E	\$	\$	65.00	0.80	E	4.00 \$ 260 \$ 260
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$	404.00	C	\$	20.20	\$	65.00	23 C 1.15 \$ 75 \$ 95
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	10	0%	10	EA	\$	10.29	C	\$	1.03	\$	65.00	6 C 0.60 \$ 39 \$ 40
	#10x 1 P/H SELF-TAP SCREW	10	0%	10	EA	\$	13.91	C	\$	1.39	\$	65.00	3 C 0.30 \$ 20 \$ 21
6	Fire Alarm Pull Station Double Action	17	0%	17	EA	\$	E	\$	\$	65.00	0.50	E	8.50 \$ 553 \$ 553
	4 x 1 1/2" SQ BOX COMB KO	17	0%	17	EA	\$	404.00	C	\$	68.68	\$	65.00	23 C 3.91 \$ 254 \$ 323
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	34	0%	34	EA	\$	10.29	C	\$	3.50	\$	65.00	6 C 2.04 \$ 133 \$ 136
	#10x 1 P/H SELF-TAP SCREW	34	0%	34	EA	\$	13.91	C	\$	4.73	\$	65.00	3 C 1.02 \$ 66 \$ 71
7	Fire Alarm Pull Station Double Action Vandal-proof Polycarbonate Cover	4	0%	4	EA	\$	E	\$	\$	65.00	0.50	E	2.00 \$ 130 \$ 130
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16.16	\$	65.00	23 C 0.92 \$ 60 \$ 76
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$	10.29	C	\$	0.82	\$	65.00	6 C 0.48 \$ 31 \$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$	13.91	C	\$	1.11	\$	65.00	3 C 0.24 \$ 16 \$ 17
8	Heat Detector	9	0%	9	EA	\$	E	\$	\$	65.00	0.80	E	7.20 \$ 468 \$ 468
	4 x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$	404.00	C	\$	36.36	\$	65.00	23 C 2.07 \$ 135 \$ 171
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	18	0%	18	EA	\$	10.29	C	\$	1.85	\$	65.00	6 C 1.08 \$ 70 \$ 72
	#10x 1 P/H SELF-TAP SCREW	18	0%	18	EA	\$	13.91	C	\$	2.50	\$	65.00	3 C 0.54 \$ 35 \$ 38
9	Heat Detector (For Elevator)	2	0%	2	EA	\$	E	\$	\$	65.00	0.80	E	1.60 \$ 104 \$ 104
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$	8.08	\$	65.00	23 C 0.46 \$ 30 \$ 38
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$	10.29	C	\$	0.41	\$	65.00	6 C 0.24 \$ 16 \$ 16
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$	13.91	C	\$	0.56	\$	65.00	3 C 0.12 \$ 8 \$ 8
10	Photo-Electric Smoke Detector	27	0%	27	EA	\$	E	\$	\$	65.00	0.80	E	21.60 \$ 1,404 \$ 1,404
	4 x 1 1/2" SQ BOX COMB KO	27	0%	27	EA	\$	404.00	C	\$	109.08	\$	65.00	23 C 6.21 \$ 404 \$ 513
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	54	0%	54	EA	\$	10.29	C	\$	5.56	\$	65.00	6 C 3.24 \$ 211 \$ 216
	#10x 1 P/H SELF-TAP SCREW	54	0%	54	EA	\$	13.91	C	\$	7.51	\$	65.00	3 C 1.62 \$ 105 \$ 113
11	Photo-Electric Smoke Detector (For Elevator)	4	0%	4	EA	\$	E	\$	\$	65.00	0.80	E	3.20 \$ 208 \$ 208
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16.16	\$	65.00	23 C 0.92 \$ 60 \$ 76
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$	10.29	C	\$	0.82	\$	65.00	6 C 0.48 \$ 31 \$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$	13.91	C	\$	1.11	\$	65.00	3 C 0.24 \$ 16 \$ 17
12	Photo-Electric Smoke Detector With Subscript WG	2	0%	2	EA	\$	E	\$	\$	65.00	0.80	E	1.60 \$ 104 \$ 104
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$	8.08	\$	65.00	23 C 0.46 \$ 30 \$ 38
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$	10.29	C	\$	0.41	\$	65.00	6 C 0.24 \$ 16 \$ 16
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$	13.91	C	\$	0.56	\$	65.00	3 C 0.12 \$ 8 \$ 8
13	Visual Notification Appliance, Wall Mounted	3	0%	3	EA	\$	E	\$	\$	65.00	0.50	E	1.50 \$ 98 \$ 98
	4 x 1 1/2" SQ BOX COMB KO	3	0%	3	EA	\$	404.00	C	\$	12.12	\$	65.00	23 C 0.69 \$ 45 \$ 57
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	6	0%	6	EA	\$	10.29	C	\$	0.62	\$	65.00	6 C 0.36 \$ 23 \$ 24
	#10x 1 P/H SELF-TAP SCREW	6	0%	6	EA	\$	13.91	C	\$	0.83	\$	65.00	3 C 0.18 \$ 12 \$ 13
14	Visual Only Notification Appliance	11	0%	11	EA	\$	E	\$	\$	65.00	0.50	E	5.50 \$ 358 \$ 358
	4 x 1 1/2" SQ BOX COMB KO	11	0%	11	EA	\$	404.00	C	\$	44.44	\$	65.00	23 C 2.53 \$ 164 \$ 209
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	22	0%	22	EA	\$	10.29	C	\$	2.26	\$	65.00	6 C 1.32 \$ 86 \$ 88
	#10x 1 P/H SELF-TAP SCREW	22	0%	22	EA	\$	13.91	C	\$	3.06	\$	65.00	3 C 0.66 \$ 43 \$ 46
15	Visual Only Notification Appliance, Ceiling Mounted	1	0%	1	EA	\$	E	\$	\$	65.00	0.50	E	0.50 \$ 33 \$ 33
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4.04	\$	65.00	23 C 0.23 \$ 15 \$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$	10.29	C	\$	0.21	\$	65.00	6 C 0.12 \$ 8 \$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$	13.91	C	\$	0.28	\$	65.00	3 C 0.06 \$ 4 \$ 4
16	Audio/Visual Notification Appliance, Wall Mounted (For Ticket Booth)	1	0%	1	EA	\$	E	\$	\$	65.00	0.65	E	0.65 \$ 42 \$ 42
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4.04	\$	65.00	23 C 0.23 \$ 15 \$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$	10.29	C	\$	0.21	\$	65.00	6 C 0.12 \$ 8 \$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$	13.91	C	\$	0.28	\$	65.00	3 C 0.06 \$ 4 \$ 4
17	Fire Alarm Pull Station Double Action (For Ticket Booth)	1	0%	1	EA	\$	E	\$	\$	65.00	0.50	E	0.50 \$ 33 \$ 33
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4.04	\$	65.00	23 C 0.23 \$ 15 \$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$	10.29	C	\$	0.21	\$	65.00	6 C 0.12 \$ 8 \$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$	13.91	C	\$	0.28	\$	65.00	3 C 0.06 \$ 4 \$ 4
18	Audio/Visual Notification Appliance, Wall Mounted, WP (For Ticket Booth)	2	0%	2	EA	\$	E	\$	\$	65.00	0.80	E	1.60 \$ 104 \$ 104
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$	404.00	C	\$	8.08	\$	65.00	23 C 0.46 \$ 30 \$ 38
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$	10.29	C	\$	0.41	\$	65.00	6 C 0.24 \$ 16 \$ 16
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$	13.91	C	\$	0.56	\$	65.00	3 C 0.12 \$ 8 \$ 8
19	Carbon Monoxide Duct Detector	4	0%	4	EA	\$	E	\$	\$	65.00	1.00	E	4.00 \$ 260 \$ 260
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16.16	\$	65.00	23 C 0.92 \$ 60 \$ 76
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$	10.29	C	\$	0.82	\$	65.00	6 C 0.48 \$ 31 \$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$	13.91	C	\$	1.11	\$	65.00	3 C 0.24 \$ 16 \$ 17
20	Door Holder Wall Type	23	0%	23	EA	\$	E	\$	\$	65.00	0.50	E	11.50 \$ 748 \$ 748
	4 x 1 1/2" SQ BOX COMB KO	23	0%	23	EA	\$	404.00	C	\$	92.92	\$	65.00	23 C 5.29 \$ 344 \$ 437
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	46	0%	46	EA	\$	10.29	C	\$	4.73	\$	65.00	6 C 2.76 \$ 179 \$ 184
	#10x 1 P/H SELF-TAP SCREW	46	0%	46	EA	\$	13.91	C	\$	6.40	\$	65.00	3 C 1.38 \$ 90 \$ 96
21	Duct Smoke Detector	15	0%	15	EA	\$	E	\$	\$	65.00	1.00	E	15.00 \$ 975 \$ 975

4 x 1 1/2" SQ BOX COMB KO		15	0%	15	EA	\$ 404.00	C	\$ 60.60	\$ 65.00	23	C	3.45	\$ 224	\$ 285	
#8 TO #10 x 7/8 PLAS ANCHOR (3/16)		30	0%	30	EA	\$ 10.29	C	\$ 3.09	\$ 65.00	6	C	1.80	\$ 117	\$ 120	
#10x 1 P/H SELF-TAP SCREW		30	0%	30	EA	\$ 13.91	C	\$ 4.17	\$ 65.00	3	C	0.90	\$ 59	\$ 63	
22	FACP: Fire Alarm Control Panel	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	5.00	E	10.00	\$ 650	\$ 650	
23	NAC: Fire Alarm Power Supply/Control For Audio/Visual Devices	3	0%	3	EA	\$ -	E	\$ -	\$ 65.00	2.50	E	7.50	\$ 488	\$ 488	
24	Remote L.C.D Fire Alarm Annunciator	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195	
25	Tamer Switch With Addressable Module	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	1.50	E	1.50	\$ 98	\$ 98	
26	Allowance For Testing & Commissioning	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	110.00	E	110.00	\$ 7,150	\$ 7,150	
Quotation For Fire Alarm (Please Add \$ Amount In Green Highlighted Cell)		1	0%	1	LS		E				E	0.00	\$ -	\$ -	
VAPE DETECTION SYSTEM															
CONDUITS															
1	3/4" EMT	420	10%	462	FT	\$ 96.99	C	\$ 448.10	\$ 65.00	3.2	C	14.78	\$ 961	\$ 1,409	
	3/4" CONN SS STL - EMT	9	0%	9	EA	\$ 68.60	C	\$ 6.17	\$ 65.00	10	C	0.90	\$ 59	\$ 65	
	3/4" COUPLING SS STL - EMT	42	0%	42	EA	\$ 58.99	C	\$ 24.78	\$ 65.00	4	C	1.68	\$ 109	\$ 134	
	3/4" 1-H STRAP - EMT - STEEL	42	0%	42	EA	\$ 29.99	C	\$ 12.60	\$ 65.00	5.4	C	2.27	\$ 147	\$ 160	
	4x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 404.00	C	\$ 20.20	\$ 65.00	23	C	1.15	\$ 75	\$ 95	
	4" SQ BLANK COVER	5	0%	5	EA	\$ 81.23	C	\$ 4.06	\$ 65.00	2.5	C	0.13	\$ 8	\$ 12	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	42	0%	42	EA	\$ 3.86	C	\$ 1.62	\$ 65.00	6	C	2.52	\$ 164	\$ 165	
	#10 x 1 P/H SELF-TAP SCREW	21	0%	21	EA	\$ 14.64	C	\$ 3.07	\$ 65.00	3	C	0.63	\$ 41	\$ 44	
CONDUITS															
1	CAT6 UTP Cable	3080	10%	3388	FT	\$ 386.54	M	\$ 1,309.60	\$ 65.00	7.5	M	25.41	\$ 1,652	\$ 2,961	
DEVICES															
1	Vape Detection System Smart Sensor HALO-3C-PC	14	0%	14	EA	\$ -	E	\$ -	\$ 65.00	4.00	E	56.00	\$ 3,640	\$ 3,640	
	4 x 1 1/2" SQ BOX COMB KO	14	0%	14	EA	\$ 404.00	C	\$ 56.56	\$ 65.00	23	C	3.22	\$ 209	\$ 266	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	28	0%	28	EA	\$ 10.29	C	\$ 2.88	\$ 65.00	6	C	1.68	\$ 109	\$ 112	
	#10x 1 P/H SELF-TAP SCREW	28	0%	28	EA	\$ 13.91	C	\$ 3.89	\$ 65.00	3	C	0.84	\$ 55	\$ 58	
2	Head End Equipment	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	8.00	E	8.00	\$ 520	\$ 520	
Quotation For Vape Detection System (Please Add \$ Amount In Green Highlighted Cell)		1	0%	1	LS		E				E	0.00	\$ -	\$ -	
CLOCKS															
DEVICES															
1	Digital Clock Dual Face	22	0%	22	EA	\$ -	E	\$ -	\$ 65.00	1.00	E	22.00	\$ 1,430	\$ 1,430	
	4 x 1 1/2" SQ BOX COMB KO	22	0%	22	EA	\$ 404.00	C	\$ 88.88	\$ 65.00	23	C	5.06	\$ 329	\$ 418	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	44	0%	44	EA	\$ 10.29	C	\$ 4.53	\$ 65.00	6	C	2.64	\$ 172	\$ 176	
	#10x 1 P/H SELF-TAP SCREW	44	0%	44	EA	\$ 13.91	C	\$ 6.12	\$ 65.00	3	C	1.32	\$ 86	\$ 92	
2	Digital Clock Single Face	39	0%	39	EA	\$ -	E	\$ -	\$ 65.00	0.65	E	25.35	\$ 1,648	\$ 1,648	
	4 x 1 1/2" SQ BOX COMB KO	39	0%	39	EA	\$ 404.00	C	\$ 157.56	\$ 65.00	23	C	8.97	\$ 583	\$ 741	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	78	0%	78	EA	\$ 10.29	C	\$ 8.03	\$ 65.00	6	C	4.68	\$ 304	\$ 312	
	#10x 1 P/H SELF-TAP SCREW	78	0%	78	EA	\$ 13.91	C	\$ 10.85	\$ 65.00	3	C	2.34	\$ 152	\$ 163	
Quotation For Clocks (Please Add \$ Amount In Green Highlighted Cell)		1	0%	1	LS		E				E	0.00	\$ -	\$ -	
SECURITY INTERCOM															
CONDUITS															
1	3/4" EMT Conduit	80	10%	88	FT	\$ 96.99	C	\$ 85.35	\$ 65.00	3.2	C	2.82	\$ 183	\$ 268	
	3/4" CONN SS STL - EMT	2	0%	2	EA	\$ 68.60	C	\$ 1.37	\$ 65.00	10	C	0.20	\$ 13	\$ 14	
	3/4" COUPLING SS STL - EMT	8	0%	8	EA	\$ 58.99	C	\$ 4.72	\$ 65.00	4	C	0.32	\$ 21	\$ 26	
	3/4" 1-H STRAP - EMT - STEEL	8	0%	8	EA	\$ 29.99	C	\$ 2.40	\$ 65.00	5.4	C	0.43	\$ 28	\$ 30	
	4x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19	
	4" SQ BLANK COVER	1	0%	1	EA	\$ 81.23	C	\$ 0.81	\$ 65.00	2.5	C	0.03	\$ 2	\$ 2	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$ 3.86	C	\$ 0.31	\$ 65.00	6	C	0.48	\$ 31	\$ 32	
	#10 x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 14.64	C	\$ 0.59	\$ 65.00	3	C	0.12	\$ 8	\$ 8	
CONDUCTOR															
1	CAT6A	440	10%	484	FT	\$ 386.54	M	\$ 187.09	\$ 65.00	7.5	M	3.63	\$ 236	\$ 423	
DEVICES															
1	Audio/Video Intercom Station Remote With Flush Mounted SS Enclosure, AIPHONE #AX-DXF	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195	
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8	
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4	
2	Audio/Video Intercom Station, Master With Selective Door Controls, Power Supplies & Door Relay Contacts	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	9.00	E	9.00	\$ 585	\$ 585	
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8	
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4	
Quotation For Security Intercom (Please Add \$ Amount In Green Highlighted Cell)		1	0%	1	LS		E				E	0.00	\$ -	\$ -	
													TOTAL MATERIAL COST		\$ 72,766
													TOTAL LABOR COST		\$ 238,719
													TOTAL LABOR HOURS		3,673
													TOTAL COST		\$ 311,485
													OVERHEADS & PROFIT		25% \$ 77,871
													SALES TAX		6% \$ 4,366
													TOTAL BID		\$ 393,722
SCOPE OF ESTIMATE:															
I	SUPPLY & INSTALL														
1	Access Control														
2	CCTV														
3	Vape Detection System														
4	Fire Alarm														
5	Security Intercom														
6	Clocks														
II	NOTES														

1	Material prices and labor hours are figured from the accubid database.
3	Please add quotes from vendors for disconnect switches in green highlighted cell. Labor cost is included in estimate.
4	\$ 65 per hour labor rate is applied in estimate. This can be changed in top right yellow highlighted cell.
5	RGS is considered for branch circuits in bay and lube pit areas. EMT is considered for office areas.

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	
DEMOLITION & RELOCATION															
1	Remove Existing Site Pole Light And Concrete Base	16	0%	16	EA	\$ -	E	\$ -	\$ 65	5	E	80.00	\$ 5,200	\$ 5,200	
2	Remove Existing Site Outlet Devices	2	0%	2	EA	\$ -	E	\$ -	\$ 65	0.4	E	0.80	\$ 52	\$ 52	
3	Remove Existing Scoreboard	1	0%	1	EA	\$ -	E	\$ -	\$ 65	3	E	3.00	\$ 195	\$ 195	
4	Existing Sport Light And Concrete Base To Be Remove	4	0%	4	EA	\$ -	E	\$ -	\$ 65	6	E	24.00	\$ 1,560	\$ 1,560	
5	Existing Panel Boards And Transformer To Be Removed	1	0%	1	EA	\$ -	E	\$ -	\$ 65	1.5	E	1.50	\$ 98	\$ 98	
6	Existing Flagpole Lighting Shall Be Demolished	2	0%	2	EA	\$ -	E	\$ -	\$ 65	1	E	2.00	\$ 130	\$ 130	
7	Remove Existing Underground Feeder	865	0%	865	LF	\$ -	E	\$ -	\$ 65	0.03	E	25.95	\$ 1,687	\$ 1,687	
8	Remove All Electrical Devices In The Middle School	88928	0%	88928	SQ FT	\$ -	E	\$ -	\$ 65	0.005	E	444.64	\$ 28,901	\$ 28,901	
9	Remove All Electrical Devices In The Athletic Building	2881	0%	2881	SQ FT	\$ -	E	\$ -	\$ 65	0.005	E	14.40	\$ 936	\$ 936	
10	Relocate Existing Sports Light	4	0%	4	EA	\$ -	E	\$ -	\$ 65	15	E	60.00	\$ 3,900	\$ 3,900	
NEW WORK															
DISTRIBUTION															
DUCT BANK															
1	Concrete Encased Duct Bank With (3) 3-1/2" PVC SCH. 80 Conduit (For Primary Service)	146	0%	146	LF	\$ 12.98	E	\$ 1,895	\$ 65	0.12	E	17.52	\$ 1,139	\$ 3,034	
1	Concrete Encased Duct Bank With (3) 2-1/2" PVC SCH. 80 Conduit	452	0%	452	LF	\$ 12.98	E	\$ 5,867	\$ 65	0.12	E	54.24	\$ 3,526	\$ 9,393	
2	Concrete Encased Duct Bank With (8) 4" PVC SCH. 40 Conduit (For Secondary Service)	112	0%	112	LF	\$ 18.98	E	\$ 2,126	\$ 65	0.18	E	20.16	\$ 1,310	\$ 3,436	
CONDUITS															
1	2-1/2" PVC SCH. 40 Conduit	1430	10%	1573	FT	\$ 184.91	C	\$ 2,909	\$ 65	5.5	C	86.52	\$ 5,624	\$ 8,533	
	2 1/2" ELBOW 90 DEG - RMC - GALV	22	0%	22	EA	\$ 6,877.00	C	\$ 1,513	\$ 65	95	C	20.90	\$ 1,359	\$ 2,871	
	2 1/2" LOCKNUT - STEEL	29	0%	29	EA	\$ 258.11	C	\$ 75	\$ 65	8.5	C	2.47	\$ 160	\$ 235	
	2 1/2" COUPLING - PVC	143	0%	143	EA	\$ 128.85	C	\$ 184	\$ 65	0	C	0.00	\$ -	\$ 184	
	2 1/2" ADAPTER FEM - PVC	29	0%	29	EA	\$ 517.02	C	\$ 150	\$ 65	23	C	6.67	\$ 434	\$ 583	
2	2-1/2" PVC SCH. 80 Conduit	1356	10%	1492	FT	\$ 265.70	C	\$ 3,963	\$ 65	6	C	89.50	\$ 5,817	\$ 9,780	
	2 1/2" ELBOW 90 DEG - RMC - GALV	21	0%	21	EA	\$ 6,877.00	C	\$ 1,444	\$ 65	95	C	19.95	\$ 1,297	\$ 2,741	
	2 1/2" LOCKNUT - STEEL	28	0%	28	EA	\$ 258.11	C	\$ 72	\$ 65	8.5	C	2.38	\$ 155	\$ 227	
	2 1/2" COUPLING - PVC	135	0%	135	EA	\$ 128.85	C	\$ 174	\$ 65	0	C	0.00	\$ -	\$ 174	
	2 1/2" ADAPTER FEM - PVC	28	0%	28	EA	\$ 517.02	C	\$ 145	\$ 65	23	C	6.44	\$ 419	\$ 563	
3	3" PVC SCH. 40 Conduit	6180	10%	6798	FT	\$ 211.08	C	\$ 14,349	\$ 65	7	C	475.86	\$ 30,931	\$ 45,280	
	3" ELBOW 90 DEG - RMC - GALV	48	0%	48	EA	\$ 9,306.00	C	\$ 4,467	\$ 65	125	C	60.00	\$ 3,900	\$ 8,367	
	3" LOCKNUT - STEEL	124	0%	124	EA	\$ 304.91	C	\$ 378	\$ 65	9.8	C	12.15	\$ 790	\$ 1,168	
	3" COUPLING - PVC	618	0%	618	EA	\$ 203.80	C	\$ 1,259	\$ 65	0	C	0.00	\$ -	\$ 1,259	
	3" ADAPTER FEM - PVC	124	0%	124	EA	\$ 563.98	C	\$ 699	\$ 65	28	C	34.72	\$ 2,257	\$ 2,956	
4	3-1/2" PVC SCH. 80 Conduit	438	10%	482	FT	\$ 407.43	C	\$ 1,963	\$ 65	8	C	38.54	\$ 2,505	\$ 4,468	
	3 1/2" ELBOW 90 DEG - RMC - GALV	7	0%	7	EA	\$ 12,891.00	C	\$ 902	\$ 65	156	C	10.92	\$ 710	\$ 1,612	
	3 1/2" LOCKNUT - STEEL	9	0%	9	EA	\$ 433.35	C	\$ 39	\$ 65	11.3	C	1.02	\$ 66	\$ 105	
	3 1/2" COUPLING - PVC	43	0%	43	EA	\$ 226.61	C	\$ 97	\$ 65	0	C	0.00	\$ -	\$ 97	
	3 1/2" ADAPTER FEM - PVC	9	0%	9	EA	\$ 584.33	C	\$ 53	\$ 65	33	C	2.97	\$ 193	\$ 246	
5	4" PVC SCH. 40 Conduit	904	10%	994	FT	\$ 309.20	C	\$ 3,075	\$ 65	8	C	79.55	\$ 5,171	\$ 8,246	
	4" ELBOW 90 DEG - RMC - GALV	14	0%	14	EA	\$ 14,872.00	C	\$ 2,082	\$ 65	194	C	27.16	\$ 1,765	\$ 3,847	
	4" LOCKNUT - STEEL	19	0%	19	EA	\$ 556.35	C	\$ 106	\$ 65	12.6	C	2.39	\$ 156	\$ 261	
	4" COUPLING - PVC	90	0%	90	EA	\$ 314.67	C	\$ 283	\$ 65	0	C	0.00	\$ -	\$ 283	
	4" ADAPTER FEM - PVC	19	0%	19	EA	\$ 611.36	C	\$ 116	\$ 65	40	C	7.60	\$ 494	\$ 610	
6	1-1/2" RGS Conduit	40	10%	44	FT	\$ 728.21	C	\$ 320	\$ 65	8.5	C	3.74	\$ 243	\$ 564	
	1 1/2" COUPLING - RMC - GALV	4	0%	4	EA	\$ 728.00	C	\$ 29	\$ 65	0	C	0.00	\$ -	\$ 29	
	1 1/2" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 2,135.00	C	\$ 21	\$ 65	48	C	0.48	\$ 31	\$ 53	
	1 1/2" LOCKNUT - STEEL	2	0%	2	EA	\$ 79.55	C	\$ 2	\$ 65	6.3	C	0.13	\$ 8	\$ 10	
	1 1/2" BUSHING - PLASTIC	1	0%	1	EA	\$ 46.54	C	\$ 0	\$ 65	5.2	C	0.05	\$ 3	\$ 4	
	1 1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	C	\$ -	\$ 65	28.6	C	0.29	\$ 19	\$ 19	
	1 1/2" RMC / IMC SPRING STL CLAMP W/ BOLT	4	0%	4	EA	\$ 187.35	C	\$ 7	\$ 65	8.7	C	0.35	\$ 23	\$ 30	
	1/4-20 x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	4	0%	4	EA	\$ -	C	\$ -	\$ 65	8	C	0.32	\$ 21	\$ 21	
7	3-1/2" RGS Conduit	180	10%	198	FT	\$ 1,726.77	C	\$ 3,419	\$ 65	13.8	C	27.32	\$ 1,776	\$ 5,195	
	2 1/2" COUPLING - RMC - GALV	18	0%	18	EA	\$ 2,580.00	C	\$ 464	\$ 65	0	C	0.00	\$ -	\$ 464	
	2 1/2" ELBOW 90 DEG - RMC - GALV	3	0%	3	EA	\$ 6,877.00	C	\$ 206	\$ 65	95	C	2.85	\$ 185	\$ 392	
	2 1/2" LOCKNUT - STEEL	8	0%	8	EA	\$ 258.11	C	\$ 21	\$ 65	8.5	C	0.68	\$ 44	\$ 65	
	2 1/2" BUSHING - PLASTIC	4	0%	4	EA	\$ 146.31	C	\$ 6	\$ 65	7	C	0.28	\$ 18	\$ 24	
	2 1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	4	0%	4	EA	\$ -	C	\$ -	\$ 65	43.5	C	1.74	\$ 113	\$ 113	
	2 1/2" SPRING STL CONDUIT CLAMP W/ BOLT	18	0%	18	EA	\$ 368.67	C	\$ 66	\$ 65	12.4	C	2.23	\$ 145	\$ 211	
	3/8-16 x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	18	0%	18	EA	\$ -	C	\$ -	\$ 65	12	C	2.16	\$ 140	\$ 140	
CONDUCTOR															
1	#300 KCMIL CU THHN/THWN	6180	10%	6798	FT	\$ 10,230.00	M	\$ 69,544	\$ 65	27.8	M	188.98	\$ 12,284	\$ 81,828	
2	#350 KCMIL CU THHN/THWN	24720	10%	27192	FT	\$ 12,510.00	M	\$ 340,172	\$ 65	31.5	M	856.55	\$ 55,676	\$ 395,848	
3	#400 KCMIL CU THHN/THWN	904	10%	994	FT	\$ 13,600.00	M	\$ 13,524	\$ 65	35.2	M	35.00	\$ 2,275	\$ 15,799	
4	#500 KCMIL CU THHN/THWN	3616	10%	3978	FT	\$ 17,330.00	M	\$ 68,932	\$ 65	38.8	M	154.33	\$ 10,032	\$ 78,963	
DEVICES															
1	Concrete Pad For Utility Transformer	1	0%	1	EA	\$ 2,988.77	E	\$ 2,989	\$ 65	10	E	10.00	\$ 650	\$ 3,639	
2	3000A CT Cabinet & Meter	1	0%	1	EA	\$ -	E	\$ -	\$ 65	8	E	8.00	\$ 520	\$ 520	
	Quotation For switchgear (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -	
GROUNDING															
1	In Grade Pull Box For Ground Test Well	1	0%	1	EA	\$ 320.00	E	\$ 320.00	\$ 65	1.50	E	1.50	\$ 98	\$ 418	
2	Grounding Clamps	3	0%	3	EA	\$ 4.78	E	\$ 14.34	\$ 65	0.15	E	0.45	\$ 29	\$ 44	
3	Exothermic Welds	9	0%	9	EA	\$ 78.99	E	\$ 711	\$ 65	0.65	E	5.85	\$ 380	\$ 1,091	
4	3/4" X 10' Ground Rods	3	0%	3	EA	\$ 42.99	E	\$ 129	\$ 65	1	E	3.00	\$ 195	\$ 324	
5	#500 KCMIL CU	89	10%	98	FT	\$ 17,330.00	M	\$ 1,694	\$ 65	38.8	M	3.79	\$ 247	\$ 1,940	

6	2" PVC SCH. 40 Conduit	89	10%	98	FT	\$ 111.08	C	\$ 109	\$ 65	6.8	C	6.65	\$ 432	\$ 541
	2" ELBOW 90 DEG - RMC - GALV	2	0%	2	EA	\$ 3,375.00	C	\$ 68	\$ 65	65	C	1.30	\$ 85	\$ 152
	2" LOCKNUT - STEEL	2	0%	2	EA	\$ 112.81	C	\$ 2	\$ 65	6.8	C	0.14	\$ 9	\$ 11
	2" COUPLING - PVC	8	0%	8	EA	\$ 70.68	C	\$ 6	\$ 65	0	C	0.00	\$ -	\$ 6
	2" ADAPTER FEM - PVC	2	0%	2	EA	\$ 206.20	C	\$ 4	\$ 65	18	C	0.36	\$ 23	\$ 28
POWER														
CONDUITS														
1	1" PVC SCH. 40 Conduit	1319	10%	1451	FT	\$ 54.48	C	\$ 790	\$ 65	4.2	C	60.94	\$ 3,961	\$ 4,751
	1" ELBOW 90 DEG - RMC - GALV	20	0%	20	EA	\$ 1,292.00	C	\$ 258	\$ 65	32	C	6.40	\$ 416	\$ 674
	1" LOCKNUT - STEEL	27	0%	27	EA	\$ 36.53	C	\$ 10	\$ 65	3.1	C	0.84	\$ 54	\$ 64
	1" COUPLING - PVC	131	0%	131	EA	\$ 29.19	C	\$ 38	\$ 65	0	C	0.00	\$ -	\$ 38
	1" ADAPTER FEM - PVC	27	0%	27	EA	\$ 107.70	C	\$ 29	\$ 65	12	C	3.24	\$ 211	\$ 240
CONDUCTOR														
1	#10 CU THHN/THWN	1217	10%	1339	FT	\$ 330.00	M	\$ 442	\$ 65	6.2	M	8.30	\$ 539	\$ 981
2	#8 CU THHN/THWN	612	10%	673	FT	\$ 770.00	M	\$ 518	\$ 65	7	M	4.71	\$ 306	\$ 825
3	#6 CU THHN/THWN	2146	10%	2361	FT	\$ 1,170.00	M	\$ 2,762	\$ 65	8.9	M	21.01	\$ 1,366	\$ 4,128
DEVICES														
1	WP GFCI Duplex Receptacle & 2 Port Data Outlet In Combo Electrical/Communication #CBIT1830 Box Or Approved Equal	2	0%	2	EA	\$ 585.00	E	\$ 1,170	\$ 65	0.8	E	1.60	\$ 104	\$ 1,274
	20A 125V DUP REC - IVY (SG)	2	0%	2	EA	\$ 1,521.63	C	\$ 30	\$ 65	25	C	0.50	\$ 33	\$ 63
	2 Port Data Outlet	2	0%	2	EA	\$ -	C	\$ -	\$ 65	0.3	E	0.60	\$ 39	\$ 39.00
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 190.01	C	\$ 4	\$ 65	23	C	0.46	\$ 30	\$ 34
	4" SQ 2G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 130.71	C	\$ 3	\$ 65	2.5	C	0.05	\$ 3	\$ 5.86
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 87.02	C	\$ 2	\$ 65	3	C	0.06	\$ 4	\$ 5.64
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 10.75	C	\$ 0	\$ 65	2.8	C	0.11	\$ 7	\$ 7.71
	2G DUPLEX REC PLATE - WP	2	0%	2	EA	\$ 1,298.77	C	\$ 26	\$ 65	15	C	0.30	\$ 20	\$ 45.48
2	Scoreboard Controller (Assumed Installation Only)	1	0%	1	EA	\$ -	E	\$ -	\$ 65	3	E	3.00	\$ 195	\$ 195
LIGHTING														
CONDUITS														
1	3/4" EMT	699	10%	768	FT	\$ 86.60	C	\$ 665	\$ 65	3.2	C	24.59	\$ 1,598	\$ 2,264
	3/4" CONN SS STL - EMT	14	0%	14	EA	\$ 61.25	C	\$ 9	\$ 65	10	C	1.40	\$ 91	\$ 100
	3/4" COUPLING SS STL - EMT	70	0%	70	EA	\$ 52.67	C	\$ 37	\$ 65	4	C	2.80	\$ 182	\$ 219
	3/4" 1-H STRAP - EMT - STEEL	70	0%	70	EA	\$ 26.78	C	\$ 19	\$ 65	5.4	C	3.78	\$ 246	\$ 264
	4x 1 1/2" SQ BOX COMB KO	7	0%	7	EA	\$ 190.01	C	\$ 13	\$ 65	23	C	1.61	\$ 105	\$ 118
	4" SQ BLANK COVER	7	0%	7	EA	\$ 72.53	C	\$ 5	\$ 65	2.5	C	0.18	\$ 11	\$ 16
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	70	0%	70	EA	\$ 3.45	C	\$ 2	\$ 65	6	C	4.20	\$ 273	\$ 275
	#10 x 1 P/H SELF-TAP SCREW	35	0%	35	EA	\$ 13.07	C	\$ 5	\$ 65	3	C	1.05	\$ 68	\$ 73
2	1" PVC SCH. 40 Conduit	11320	10%	12452	FT	\$ 54.48	C	\$ 6,784	\$ 65	4.2	C	522.98	\$ 33,994	\$ 40,778
	1" ELBOW 90 DEG - RMC - GALV	170	0%	170	EA	\$ 1,292.00	C	\$ 2,196	\$ 65	32	C	54.40	\$ 3,536	\$ 5,732
	1" LOCKNUT - STEEL	227	0%	227	EA	\$ 36.53	C	\$ 83	\$ 65	3.1	C	7.04	\$ 457	\$ 540
	1" COUPLING - PVC	1132	0%	1132	EA	\$ 29.19	C	\$ 330	\$ 65	0	C	0.00	\$ -	\$ 330
	1" ADAPTER FEM - PVC	227	0%	227	EA	\$ 107.70	C	\$ 244	\$ 65	12	C	27.24	\$ 1,771	\$ 2,015
3	1-1/4" PVC SCH. 40 Conduit	328	10%	360	FT	\$ 76.66	C	\$ 276	\$ 65	5	C	18.02	\$ 1,171	\$ 1,448
	1 1/4" ELBOW 90 DEG - RMC - GALV	5	0%	5	EA	\$ 1,829.00	C	\$ 91	\$ 65	38	C	1.90	\$ 124	\$ 215
	1 1/4" LOCKNUT - STEEL	7	0%	7	EA	\$ 52.79	C	\$ 4	\$ 65	4.65	C	0.33	\$ 21	\$ 25
	1 1/4" COUPLING - PVC	32	0%	32	EA	\$ 39.76	C	\$ 13	\$ 65	0	C	0.00	\$ -	\$ 13
	1 1/4" ADAPTER FEM - PVC	7	0%	7	EA	\$ 162.63	C	\$ 11	\$ 65	14	C	0.98	\$ 64	\$ 75
CONDUCTOR														
1	#10 CU THHN/THWN	13417	10%	14759	FT	\$ 330.00	M	\$ 4,870	\$ 65	6.2	M	91.50	\$ 5,948	\$ 10,818
2	#8 CU THHN/THWN	8212	10%	9033	FT	\$ 770.00	M	\$ 6,956	\$ 65	7	M	63.23	\$ 4,110	\$ 11,066
3	#6 CU THHN/THWN	18524	10%	20376	FT	\$ 1,170.00	M	\$ 23,840	\$ 65	8.9	M	181.35	\$ 11,788	\$ 35,628
4	#4 CU THHN/THWN	1312	10%	1443	FT	\$ 1,720.00	M	\$ 2,482	\$ 65	10.2	M	14.72	\$ 957	\$ 3,439
LIGHT FIXTURES														
1	OL1: MUSCO SPORTS LIGHTING, MAKE/MODEL: MUSCO #TLC-LED-1500, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65	4	E	8.00	\$ 520	\$ 520
	8" X 8" X 4" Carlon: E88C24	2	0%	2	EA	\$ 310.00	E	\$ 620	\$ 65	0.5	E	1.00	\$ 65	\$ 685
	40' Pole (Size Assumed)	2	0%	2	EA	\$ -	E	\$ -	\$ 65	7.5	E	15.00	\$ 975	\$ 975
	Obstruction Light	2	0%	2	EA	\$ -	E	\$ -	\$ 65	1	E	2.00	\$ 130	\$ 130
	3/4" X 10' Ground Rod	2	0%	2	EA	\$ 89.00	E	\$ 178	\$ 65	1	E	2.00	\$ 130	\$ 308
	Concrete Base	2	0%	2	EA	\$ -	E	\$ -	\$ 65	5	E	10.00	\$ 650	\$ 650
	WP GFCI Duplex Receptacle	2	0%	2	EA	\$ 1,521.63	C	\$ 30	\$ 65	25	C	0.50	\$ 33	\$ 63
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 190.01	C	\$ 4	\$ 65	23	C	0.46	\$ 30	\$ 34
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 98.99	C	\$ 2	\$ 65	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 87.02	C	\$ 2	\$ 65	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 10.75	C	\$ 0	\$ 65	2.8	C	0.11	\$ 7	\$ 8
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	2	0%	2	EA	\$ 850.00	C	\$ 17	\$ 65	6	C	0.12	\$ 8	\$ 25
2	OL2: LED AREA LUMINAIRE WITH TYPE 2 MEDIUM DISTRIBUTION, MAKE/MODEL: LUTHONIA #DSX2 LED P5 40K 80CRI T2M, HE WILLIAMS, GENLYTE	14	0%	14	EA	\$ -	E	\$ -	\$ 65	2	E	28.00	\$ 1,820	\$ 1,820
	8" X 8" X 4" Carlon: E88C24	14	0%	14	EA	\$ 310.00	E	\$ 4,340	\$ 65	0.5	E	7.00	\$ 455	\$ 4,795
	20' Pole (Size Assumed)	14	0%	14	EA	\$ -	E	\$ -	\$ 65	4	E	56.00	\$ 3,640	\$ 3,640
	Obstruction Light	14	0%	14	EA	\$ -	E	\$ -	\$ 65	1	E	14.00	\$ 910	\$ 910
	3/4" X 10' Ground Rod	14	0%	14	EA	\$ 89.00	E	\$ 1,246	\$ 65	1	E	14.00	\$ 910	\$ 2,156
	Concrete Base	14	0%	14	EA	\$ -	E	\$ -	\$ 65	3	E	42.00	\$ 2,730	\$ 2,730
	WP GFCI Duplex Receptacle	14	0%	14	EA	\$ 1,521.63	C	\$ 213	\$ 65	25	C	3.50	\$ 228	\$ 441
	4 x 1 1/2" SQ BOX COMB KO	14	0%	14	EA	\$ 190.01	C	\$ 27	\$ 65	23	C	3.22	\$ 209	\$ 236
	4" SQ 1G PLSTR RING 5/8" RISE	14	0%	14	EA	\$ 98.99	C	\$ 14	\$ 65	2.5	C	0.35	\$ 23	\$ 37
	GROUND SCREW W/ INSUL #12 LEAD	14	0%	14	EA	\$ 87.02	C	\$ 12	\$ 65	3	C	0.42	\$ 27	\$ 39
	#10x 3/4 P/H SELF-TAP SCREW	28	0%	28	EA	\$ 10.75	C	\$ 3	\$ 65	2.8	C	0.78	\$ 51	\$ 54
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	14	0%	14	EA	\$ 850.00	C	\$ 119	\$ 65	6	C	0.84	\$ 55	\$ 174
3	OL3: MUSCO SPORTS LIGHTING, MAKE/MODEL: MUSCO #TLC-LED-1500, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65	4	E	8.00	\$ 520	\$ 520
	8" X 8" X 4" Carlon: E88C24	2	0%	2	EA	\$ 310.00	E	\$ 620	\$ 65	0.5	E	1.00	\$ 65	\$ 685
	20' Pole (Size Assumed)	2	0%	2	EA	\$ -	E	\$ -	\$ 65	4	E	8.00	\$ 520	\$ 520
	Obstruction Light	2	0%	2	EA	\$ -	E	\$ -	\$ 65	1	E	2.00	\$ 130	\$ 130
	3/4" X 10' Ground Rod	2	0%	2	EA	\$ 89.00	E	\$ 178	\$ 65	1	E	2.00	\$ 130	\$ 308
	Concrete Base	2	0%	2	EA	\$ -	E	\$ -	\$ 65	3	E	6.00	\$ 390	\$ 390

	WP GFCI Duplex Receptacle	2	0%	2	EA	\$ 1,521.63	C	\$ 30	\$ 65	25	C	0.50	\$ 33	\$ 63
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 190.01	C	\$ 4	\$ 65	23	C	0.46	\$ 30	\$ 34
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 98.99	C	\$ 2	\$ 65	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 87.02	C	\$ 2	\$ 65	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 10.75	C	\$ 0	\$ 65	2.8	C	0.11	\$ 7	\$ 8
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	2	0%	2	EA	\$ 850.00	C	\$ 17	\$ 65	6	C	0.12	\$ 8	\$ 25
4	OL4: LED AREA LUMINAIRE WITH TYPE 4 MEDIUM DISTRIBUTION, MAKE/MODEL: LITHONIA #DSX2 LED P5 40K 80CRI T4M, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65	2	E	4.00	\$ 260	\$ 260
	8" X 8" X 4" Carlon: E88C24	2	0%	2	EA	\$ 310.00	E	\$ 620	\$ 65	0.5	E	1.00	\$ 65	\$ 685
	20' Pole (Size Assumed)	2	0%	2	EA	\$ -	E	\$ -	\$ 65	4	E	8.00	\$ 520	\$ 520
	Obstruction Light	2	0%	2	EA	\$ -	E	\$ -	\$ 65	1	E	2.00	\$ 130	\$ 130
	3/4" X 10' Ground Rod	2	0%	2	EA	\$ 89.00	E	\$ 178	\$ 65	1	E	2.00	\$ 130	\$ 308
	Concrete Base	2	0%	2	EA	\$ -	E	\$ -	\$ 65	3	E	6.00	\$ 390	\$ 390
	WP GFCI Duplex Receptacle	2	0%	2	EA	\$ 1,521.63	C	\$ 30	\$ 65	25	C	0.50	\$ 33	\$ 63
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 190.01	C	\$ 4	\$ 65	23	C	0.46	\$ 30	\$ 34
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 98.99	C	\$ 2	\$ 65	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 87.02	C	\$ 2	\$ 65	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 10.75	C	\$ 0	\$ 65	2.8	C	0.11	\$ 7	\$ 8
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	2	0%	2	EA	\$ 850.00	C	\$ 17	\$ 65	6	C	0.12	\$ 8	\$ 25
5	OL5: LED AREA LUMINAIRE WITH TYPE 5 MEDIUM DISTRIBUTION, MAKE/MODEL: LITHONIA #DSX2 LED P6 40K 80CRI T5W, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$ -	E	\$ -	\$ 65	2	E	8.00	\$ 520	\$ 520
	8" X 8" X 4" Carlon: E88C24	4	0%	4	EA	\$ 310.00	E	\$ 1,240	\$ 65	0.5	E	2.00	\$ 130	\$ 1,370
	20' Pole (Size Assumed)	4	0%	4	EA	\$ -	E	\$ -	\$ 65	4	E	16.00	\$ 1,040	\$ 1,040
	Obstruction Light	4	0%	4	EA	\$ -	E	\$ -	\$ 65	1	E	4.00	\$ 260	\$ 260
	3/4" X 10' Ground Rod	4	0%	4	EA	\$ 89.00	E	\$ 356	\$ 65	1	E	4.00	\$ 260	\$ 616
	Concrete Base	4	0%	4	EA	\$ -	E	\$ -	\$ 65	3	E	12.00	\$ 780	\$ 780
	WP GFCI Duplex Receptacle	4	0%	4	EA	\$ 1,521.63	C	\$ 61	\$ 65	25	C	1.00	\$ 65	\$ 126
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 190.01	C	\$ 8	\$ 65	23	C	0.92	\$ 60	\$ 67
	4" SQ 1G PLSTR RING 5/8" RISE	4	0%	4	EA	\$ 98.99	C	\$ 4	\$ 65	2.5	C	0.10	\$ 7	\$ 10
	GROUND SCREW W/ INSUL #12 LEAD	4	0%	4	EA	\$ 87.02	C	\$ 3	\$ 65	3	C	0.12	\$ 8	\$ 11
	#10x 3/4 P/H SELF-TAP SCREW	8	0%	8	EA	\$ 10.75	C	\$ 1	\$ 65	2.8	C	0.22	\$ 15	\$ 15
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	4	0%	4	EA	\$ 850.00	C	\$ 34	\$ 65	6	C	0.24	\$ 16	\$ 50
6	OL7: LED AREA LUMINAIRE WITH TYPE 5 MEDIUM DISTRIBUTION, MAKE/MODEL: LITHONIA #DSX2 LED P6 40K 80CRI T5M, HE WILLIAMS, GENLYTE	4	0%	4	EA	\$ -	E	\$ -	\$ 65	2	E	8.00	\$ 520	\$ 520
	8" X 8" X 4" Carlon: E88C24	4	0%	4	EA	\$ 310.00	E	\$ 1,240	\$ 65	0.5	E	2.00	\$ 130	\$ 1,370
	20' Pole (Size Assumed)	4	0%	4	EA	\$ -	E	\$ -	\$ 65	4	E	16.00	\$ 1,040	\$ 1,040
	Obstruction Light	4	0%	4	EA	\$ -	E	\$ -	\$ 65	1	E	4.00	\$ 260	\$ 260
	3/4" X 10' Ground Rod	4	0%	4	EA	\$ 89.00	E	\$ 356	\$ 65	1	E	4.00	\$ 260	\$ 616
	Concrete Base	4	0%	4	EA	\$ -	E	\$ -	\$ 65	3	E	12.00	\$ 780	\$ 780
	WP GFCI Duplex Receptacle	4	0%	4	EA	\$ 1,521.63	C	\$ 61	\$ 65	25	C	1.00	\$ 65	\$ 126
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 190.01	C	\$ 8	\$ 65	23	C	0.92	\$ 60	\$ 67
	4" SQ 1G PLSTR RING 5/8" RISE	4	0%	4	EA	\$ 98.99	C	\$ 4	\$ 65	2.5	C	0.10	\$ 7	\$ 10
	GROUND SCREW W/ INSUL #12 LEAD	4	0%	4	EA	\$ 87.02	C	\$ 3	\$ 65	3	C	0.12	\$ 8	\$ 11
	#10x 3/4 P/H SELF-TAP SCREW	8	0%	8	EA	\$ 10.75	C	\$ 1	\$ 65	2.8	C	0.22	\$ 15	\$ 15
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	4	0%	4	EA	\$ 850.00	C	\$ 34	\$ 65	6	C	0.24	\$ 16	\$ 50
7	OL6: LED AREA LUMINAIRE WITH FORWARD THROW MEDIUM DISTRIBUTION, MAKE/MODEL: LITHONIA #DSX2 LED P4 40K 80CRI T5M, HE WILLIAMS, GENLYTE	11	0%	11	EA	\$ -	E	\$ -	\$ 65	2	E	22.00	\$ 1,430	\$ 1,430
	8" X 8" X 4" Carlon: E88C24	11	0%	11	EA	\$ 310.00	E	\$ 3,410	\$ 65	0.5	E	5.50	\$ 358	\$ 3,768
	20' Pole (Size Assumed)	11	0%	11	EA	\$ -	E	\$ -	\$ 65	4	E	44.00	\$ 2,860	\$ 2,860
	Obstruction Light	11	0%	11	EA	\$ -	E	\$ -	\$ 65	1	E	11.00	\$ 715	\$ 715
	3/4" X 10' Ground Rod	11	0%	11	EA	\$ 89.00	E	\$ 979	\$ 65	1	E	11.00	\$ 715	\$ 1,694
	Concrete Base	11	0%	11	EA	\$ -	E	\$ -	\$ 65	3	E	33.00	\$ 2,145	\$ 2,145
	WP GFCI Duplex Receptacle	11	0%	11	EA	\$ 1,521.63	C	\$ 167	\$ 65	25	C	2.75	\$ 179	\$ 346
	4 x 1 1/2" SQ BOX COMB KO	11	0%	11	EA	\$ 404.00	C	\$ 44	\$ 65	23	C	2.53	\$ 164	\$ 209
	4" SQ 1G PLSTR RING 5/8" RISE	11	0%	11	EA	\$ 98.99	C	\$ 11	\$ 65	2.5	C	0.28	\$ 18	\$ 29
	GROUND SCREW W/ INSUL #12 LEAD	11	0%	11	EA	\$ 87.02	C	\$ 10	\$ 65	3	C	0.33	\$ 21	\$ 31
	#10x 3/4 P/H SELF-TAP SCREW	22	0%	22	EA	\$ 10.75	C	\$ 2	\$ 65	2.8	C	0.62	\$ 40	\$ 42
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	11	0%	11	EA	\$ 850.00	C	\$ 94	\$ 65	6	C	0.66	\$ 43	\$ 136
8	OLW2: LED WALL PACK WITH TYPE 2 MEDIUM DISTRIBUTION, MAKE/MODEL: LITHONIA DSXW2 P7 40K 80CRI T2M, HE WILLIAMS, GENLYTE	1	0%	1	EA	\$ -	E	\$ -	\$ 65	0.8	E	0.80	\$ 52	\$ 52
9	OLW1: LED WALL PACK WITH FORWARD THROW MEDIUM DISTRIBUTION, MAKE/MODEL: LITHONIA DSXW2 P7 40K 80CRI T5M, HE WILLIAMS, GENLYTE	2	0%	2	EA	\$ -	E	\$ -	\$ 65	0.8	E	1.60	\$ 104	\$ 104
10	Z1: DECORATIVE LED WALL SCONCE, MAKE/MODEL: LITHONIA #WSQ LED-P2-40K-SR3XX, HE WILLIAMS, GENLYTE	11	0%	11	EA	\$ -	E	\$ -	\$ 65	0.8	E	8.80	\$ 572	\$ 572
11	New Pole For Relocated Sports Lighting Fixture	4	0%	4	EA	\$ -	E	\$ -	\$ 65	8	E	32.00	\$ 2,080	\$ 2,080
	Concrete Base	4	0%	4	EA	\$ -	E	\$ -	\$ 65	4	E	16.00	\$ 1,040	\$ 1,040
12	Flag Pole Light, 8" DIA. GOLD BEACON, WITH ADAPTOR TO FIT 8" Dia Gold Beacon With Adaptor To Fit Pole With (2) LED Bulbs (6 Watt) Flagpole Warehouse (FLAGPOLEWAREHOUSE.COM), BASIS OF DESIGN	2	0%	2	EA	\$ -	E	\$ -	\$ 65	2	E	4.00	\$ 260	\$ 260
13	Connection For Signage & WP J-Box	1	0%	1	EA	\$ -	E	\$ -	\$ 65	1.5	E	1.50	\$ 98	\$ 98
	Quotation For Lighting Fixtures (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS	\$ -	E	\$ -	\$ 65		E	0.00	\$ -	\$ -
LOW VOLTAGE														
DUCT BANKS														
1	(2) 5" PVC SCH. 40 Conduit Concrete Encased Duct Bank (For Telecom Service)	1943	0%	1943	LF	\$ 10.00	E	\$ 19,430	\$ 65	0.08	E	155.44	\$ 10,104	\$ 29,534
CONDUITS														
1	3/4" EMT Conduit	740	10%	814	FT	\$ 86.60	C	\$ 705	\$ 65	3.2	C	26.05	\$ 1,693	\$ 2,398
	3/4" CONN SS STL - EMT	15	0%	15	EA	\$ 61.25	C	\$ 9	\$ 65	10	C	1.50	\$ 98	\$ 107
	3/4" COUPLING SS STL - EMT	74	0%	74	EA	\$ 52.67	C	\$ 39	\$ 65	4	C	2.96	\$ 192	\$ 231
	3/4" 1-H STRAP - EMT - STEEL	74	0%	74	EA	\$ 26.78	C	\$ 20	\$ 65	5.4	C	4.00	\$ 260	\$ 280
	4x 1 1/2" SQ BOX COMB KO	8	0%	8	EA	\$ 190.01	C	\$ 15	\$ 65	23	C	1.84	\$ 120	\$ 135
	4" SQ BLANK COVER	8	0%	8	EA	\$ 72.53	C	\$ 6	\$ 65	2.5	C	0.20	\$ 13	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	74	0%	74	EA	\$ 3.45	C	\$ 3	\$ 65	6	C	4.44	\$ 289	\$ 291
	#10 x 1 P/H SELF-TAP SCREW	37	0%	37	EA	\$ 13.07	C	\$ 5	\$ 65	3	C	1.11	\$ 72	\$ 77

2	1-1/4" PVC SCH. 80 Conduit For CCTV	5867	10%	6454	FT	\$ 126.15	C	\$ 8,141	\$ 65	5	C	322.69	\$ 20,975	\$ 29,116	
	1 1/4" ELBOW 90 DEG - RMC - GALV	89	0%	89	EA	\$ 1,829.00	C	\$ 1,628	\$ 65	38	C	33.82	\$ 2,198	\$ 3,826	
	1 1/4" LOCKNUT - STEEL	118	0%	118	EA	\$ 52.79	C	\$ 62	\$ 65	4.65	C	5.49	\$ 357	\$ 419	
	1 1/4" COUPLING - PVC	586	0%	586	EA	\$ 39.76	C	\$ 233	\$ 65	0	C	0.00	\$ -	\$ 233	
	1 1/4" ADAPTER FEM - PVC	118	0%	118	EA	\$ 162.63	C	\$ 192	\$ 65	14	C	16.52	\$ 1,074	\$ 1,266	
3	5" PVC SCH. 40 Conduit (For Telecom Service)	3886	10%	4275	FT	\$ 409.90	C	\$ 17,522	\$ 65	9	C	384.71	\$ 25,006	\$ 42,528	
	5" ELBOW 90 DEG - RMC - GALV	16	0%	16	EA	\$ 39,508.00	C	\$ 6,321	\$ 65	250	C	40.00	\$ 2,600	\$ 8,921	
	5" LOCKNUT - STEEL	78	0%	78	EA	\$ 4,720.08	C	\$ 3,682	\$ 65	14.4	C	11.23	\$ 730	\$ 4,412	
	5" COUPLING - PVC	388	0%	388	EA	\$ 786.40	C	\$ 3,051	\$ 65	0	C	0.00	\$ -	\$ 3,051	
	5" ADAPTER FEM - PVC	78	0%	78	EA	\$ 1,878.08	C	\$ 1,465	\$ 65	50	C	39.00	\$ 2,535	\$ 4,000	
CONDUCTOR															
1	2 Strand FO Cable	6367	10%	7004	LF	\$ 850.00	M	\$ 5,953	\$ 65	12	M	84.04	\$ 5,463	\$ 11,416	
2	CAT6 Cable	18000	10%	19800	FT	\$ 349.86	M	\$ 6,927	\$ 65	7.5	M	148.50	\$ 9,653	\$ 16,580	
3	16/2 Plenum Belden Cable For Speakers	600	10%	660	FT	\$ 320.91	M	\$ 212	\$ 65	8.8	M	5.81	\$ 378	\$ 589	
DEVICES															
1	WP WAP	19	0%	19	EA	\$ -	E	\$ -	\$ 65.00	1.00	E	19.00	\$ 1,235	\$ 1,235	
	4 x 1 1/2" SQ BOX COMB KO	19	0%	19	EA	\$ 404.00	C	\$ 76.76	\$ 65.00	23	C	4.37	\$ 284	\$ 361	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	38	0%	38	EA	\$ 9.19	C	\$ 3.49	\$ 65.00	6	C	2.28	\$ 148	\$ 152	
	#10x 1 P/H SELF-TAP SCREW	38	0%	38	EA	\$ 12.42	C	\$ 4.72	\$ 65.00	3	C	1.14	\$ 74	\$ 79	
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	38	0%	38	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	3.80	\$ 247	\$ 247	
	Bezel Assembly	19	0%	19	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	1.90	\$ 124	\$ 124	
	Blank Plate	38	0%	38	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	1.14	\$ 74	\$ 74	
	Faceplate	19	0%	19	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.57	\$ 37	\$ 37	
2	Play Clock Electro-Mech Model: LX3050 Or Approved Equal. Provide KHSAA Approve Mounting Pole	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	1.50	E	3.00	\$ 195	\$ 195	
3	Local Sound: Outdoor Speaker	5	0%	5	EA	\$ -	E	\$ -	\$ 65.00	2.50	E	12.50	\$ 813	\$ 813	
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 404.00	C	\$ 20.20	\$ 65.00	23	C	1.15	\$ 75	\$ 95	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	10	0%	10	EA	\$ 11.53	C	\$ 1.15	\$ 65.00	6	C	0.60	\$ 39	\$ 40	
	#10x 1 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 15.58	C	\$ 1.56	\$ 65.00	3	C	0.30	\$ 20	\$ 21	
4	CCTV Camera, Wall Mount Dome WP	34	0%	34	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	102.00	\$ 6,630	\$ 6,630	
	WP BOX	34	0%	1	EA	\$ 523.10	C	\$ 5.23	\$ 65.00	25	C	0.25	\$ 16	\$ 21	
	WP BLANK COVER	34	0%	34	EA	\$ 446.32	C	\$ 151.75	\$ 65.00	2.5	C	0.85	\$ 55	\$ 207	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	68	0%	68	EA	\$ 3.86	C	\$ 2.63	\$ 65.00	6	C	4.08	\$ 265	\$ 268	
	#10x 1 P/H SELF-TAP SCREW	68	0%	68	EA	\$ 13.91	C	\$ 9.46	\$ 65.00	3	C	2.04	\$ 133	\$ 142	
5	CCTV Camera, Wall Mount Dome WP (Pole Mounted)	15	0%	15	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	45.00	\$ 2,925	\$ 2,925	
	12"X12"X4" Box With Low Voltage Divider Carlon E1212C24/E1212DIV	15	0%	15	EA	\$ 320.00	E	\$ 4,800.00	\$ 65.00	0.80	E	12.00	\$ 780	\$ 5,580	
	Media Converter	30	0%	30	EA	\$ -	E	\$ -	\$ 65.00	0.75	E	22.50	\$ 1,463	\$ 1,463	
	LC Connector	30	0%	30	EA	\$ -	E	\$ -	\$ 65.00	0.35	E	10.50	\$ 683	\$ 683	
6	Allowance For Testing & Commissioning	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	60.00	E	60.00	\$ 3,900	\$ 3,900	
	Quotation For low voltage devices (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E	\$	\$ 65		E	0.00	\$ -	\$ -	
MISCELLANEOUS															
1	WP J-Box	40	0%	40	EA	\$ 523.10	C	\$ 209.24	\$ 65.00	25	C	10.00	\$ 650	\$ 859	
	WP BLANK COVER	40	0%	40	EA	\$ 446.32	C	\$ 178.53	\$ 65.00	2.5	C	1.00	\$ 65	\$ 244	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	80	0%	80	EA	\$ 3.86	C	\$ 3.09	\$ 65.00	6	C	4.80	\$ 312	\$ 315	
	#10x 1 P/H SELF-TAP SCREW	80	0%	80	EA	\$ 13.91	C	\$ 11.13	\$ 65.00	3	C	2.40	\$ 156	\$ 167	
2	In-Grade Quazite Pull Box Polymer Concrete 36"X36"	8	0%	8	EA	\$ 2,118.27	E	\$ 16,946.14	\$ 65.00	4.5	E	36.00	\$ 2,340	\$ 19,286	
3	Concrete Curb For Utility Pole	1	0%	1	EA	\$ 240.00	E	\$ 240.00	\$ 65.00	2.00	E	2.00	\$ 130	\$ 370	
TRENCHING & BACKFILLING															
1	Excavation & Backfilling (2' Deep x 2' Wide Trench) Including All Labor and Material/Equipment	7772	0%	7772	CFT	\$ 1.25	E	\$ 9,715	\$ 65	0.05	E	388.60	\$ 25,259	\$ 34,974	
2	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	13734	0%	13734	CFT	\$ 1.25	E	\$ 17,168	\$ 65	0.05	E	686.70	\$ 44,636	\$ 61,803	
													TOTAL MATERIAL COST		\$ 750,018
													TOTAL LABOR COST		\$ 486,152
													TOTAL LABOR HOURS		7,479
													TOTAL COST		\$ 1,236,170
													OVERHEADS & PROFIT		\$ 309,043
													SALES TAX		\$ 45,001
													TOTAL BID		\$ 1,590,214
SCOPE OF ESTIMATE:															
I	SUPPLY & INSTALL														
1	Demolition														
2	Distribution														
3	Power														
4	Lighting														
5	Low Voltage														
6	Miscellaneous														
II NOTES															
1 Material prices and labor hours are figured from the accubid database.															
2 Please add quotes from vendors for switchgear, poles, lighting fixtures and low voltages devices 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 too 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														
DISTRIBUTION														
PANELS														
1	Panel ATP: 150A, 208Y/120V, 3PH, 4W, Mains: MCB, 10KAIC, 84 Poles, Surface Mounted, NEMA 1 With SPD (2-Sections) Note: Rating Assumed From Riser/Electrical Panel Summary On Sheet E800 Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	E	\$	65	7	E	7.00	\$ 455	\$ 455
2	Panel ATH: 600A, 208Y/120V, 3PH, 4W, Mains: MCB, 10KAIC, 54 Poles, Surface Mounted, NEMA 1 With SPD (2-Sections) Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter. Note: Rating Assumed From Riser/Electrical Panel Summary On Sheet E800	1	0%	1	EA	\$	E	\$	65	12	E	12.00	\$ 780	\$ 780
3	Panel ATF: 125A, 208Y/120V, 3PH, 4W, Mains: MCB, 10KAIC, 42 Poles, Surface Mounted, NEMA 1 With SPD Note: Ampere Rating Assumed Remarks: SPD (Surge Protection Device) CATEGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$	E	\$	65	3.5	E	3.50	\$ 228	\$ 228
BREAKERS														
1	1P/20A Breaker	138	0%	138	EA	\$	E	\$	65	0.15	E	20.70	\$ 1,346	\$ 1,346
2	1P/40A Breaker	2	0%	2	EA	\$	E	\$	65	0.15	E	0.30	\$ 20	\$ 20
3	2P/25A Breaker	1	0%	1	EA	\$	E	\$	65	0.25	E	0.25	\$ 16	\$ 16
4	2P/30A Breaker	1	0%	1	EA	\$	E	\$	65	0.25	E	0.25	\$ 16	\$ 16
5	3P/20A Breaker	4	0%	4	EA	\$	E	\$	65	0.4	E	1.60	\$ 104	\$ 104
6	3P/50A Breaker	2	0%	2	EA	\$	E	\$	65	0.4	E	0.80	\$ 52	\$ 52
7	3P/60A Breaker	2	0%	2	EA	\$	E	\$	65	0.4	E	0.80	\$ 52	\$ 52
8	3P/70A Breaker	2	0%	2	EA	\$	E	\$	65	0.4	E	0.80	\$ 52	\$ 52
9	3P/100A Breaker	1	0%	1	EA	\$	E	\$	65	0.75	E	0.75	\$ 49	\$ 49
10	3P/125A MCB	1	0%	1	EA	\$	E	\$	65	1.2	E	1.20	\$ 78	\$ 78
11	3P/150A MCB	1	0%	1	EA	\$	E	\$	65	1.2	E	1.20	\$ 78	\$ 78
12	3P/200A Breaker	1	0%	1	EA	\$	E	\$	65	1.2	E	1.20	\$ 78	\$ 78
13	3P/600A MCB	1	0%	1	EA	\$	E	\$	65	2.5	E	2.50	\$ 163	\$ 163
	Quotation For switchgear (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
DISCONNECT SWITCH														
1	SA FAN: VFD 208V, 3PH, 5HP, 53MCA, 60 MOC	1	0%	1	EA	\$	E	\$	65	3	E	3.00	\$ 195	\$ 195
2	EA FAN: VFD 208V, 3PH, 5HP, 53MCA, 60 MOC	1	0%	1	EA	\$	E	\$	65	3	E	3.00	\$ 195	\$ 195
3	P-4: VFD 40 GPM, 45 Head (FT), 1.5 HP	2	0%	2	EA	\$	E	\$	65	2.5	E	5.00	\$ 325	\$ 325
4	3P/60A Disconnect Switch, NEMA 1 (For ERV-1)	1	0%	1	EA	\$	E	\$	65	1.5	E	1.50	\$ 98	\$ 98
	Quotation For disconnects & VFD (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
GROUNDING														
1	SBB: Secondary Bus Bar pre-Drilled Electro-Tin Plated Copper Ground Bar 1/4" x	1	0%	1	EA	\$ 198.99	E	\$ 199	\$ 65	1.5	E	1.50	\$ 98	\$ 296
2	BMGB	1	0%	1	EA	\$ 320.00	E	\$ 320	\$ 65	1.5	E	1.50	\$ 98	\$ 418
3	#2/0 Bare Copper	50	10%	55	FT	\$ 3,483.30	M	\$ 192	\$ 65	21	M	1.16	\$ 75	\$ 267
4	Grounding Clamp	3	0%	3	EA	\$ 4.78	E	\$ 14	\$ 65	0.15	E	0.45	\$ 29	\$ 44
5	Exothermic Weld	3	0%	3	EA	\$ 78.99	E	\$ 237	\$ 65	0.65	E	1.95	\$ 127	\$ 364
6	3/4" X 10' Ground Rod	3	0%	3	EA	\$ 42.99	E	\$ 129	\$ 65	1	E	3.00	\$ 195	\$ 324
POWER														
CONDUITS														
1	3/4" EMT Conduit	3510	10%	3861	FT	\$ 96.99	C	\$ 3,745	\$ 65	3.2	C	123.55	\$ 8,031	\$ 11,776
	3/4" CONN SS STL - EMT	71	0%	71	EA	\$ 68.60	C	\$ 49	\$ 65	10	C	7.10	\$ 462	\$ 510
	3/4" COUPLING SS STL - EMT	351	0%	351	EA	\$ 58.99	C	\$ 207	\$ 65	4	C	14.04	\$ 913	\$ 1,120
	3/4" 1-H STRAP - EMT - STEEL	351	0%	351	EA	\$ 29.99	C	\$ 105	\$ 65	5.4	C	18.95	\$ 1,232	\$ 1,337
	4x 1 1/2" SQ BOX COMB KO	36	0%	36	EA	\$ 212.81	C	\$ 77	\$ 65	23	C	8.28	\$ 538	\$ 615
	4" SQ BLANK COVER	36	0%	36	EA	\$ 81.23	C	\$ 29	\$ 65	2.5	C	0.90	\$ 59	\$ 88
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	351	0%	351	EA	\$ 3.86	C	\$ 14	\$ 65	6	C	21.06	\$ 1,369	\$ 1,382
	#10 x 1 P/H SELF-TAP SCREW	176	0%	176	EA	\$ 14.64	C	\$ 26	\$ 65	3	C	5.28	\$ 343	\$ 369
2	1" EMT Conduit	240	10%	264	FT	\$ 167.57	C	\$ 442	\$ 65	4.05	C	10.69	\$ 695	\$ 1,137
	1" CONN SS STL - EMT	5	0%	5	EA	\$ 104.79	C	\$ 5	\$ 65	12	C	0.60	\$ 39	\$ 44
	1" COUPLING SS STL - EMT	24	0%	24	EA	\$ 95.24	C	\$ 23	\$ 65	5	C	1.20	\$ 78	\$ 101
	1" 1-H STRAP - EMT - STEEL	24	0%	24	EA	\$ 42.93	C	\$ 10	\$ 65	5.9	C	1.42	\$ 92	\$ 102
	4 11/16x 2 1/8" SQ BOX 1" KO	3	0%	3	EA	\$ 523.10	C	\$ 16	\$ 65	25	C	0.75	\$ 49	\$ 64
	4 11/16" SQ BLANK COVER	3	0%	3	EA	\$ 399.73	C	\$ 12	\$ 65	2.5	C	0.08	\$ 5	\$ 17
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	24	0%	24	EA	\$ 3.86	C	\$ 1	\$ 65	6	C	1.44	\$ 94	\$ 95
	#10 x 1 P/H SELF-TAP SCREW	12	0%	12	EA	\$ 14.64	C	\$ 2	\$ 65	3	C	0.36	\$ 23	\$ 25
3	3/4" FMC Conduit	55	10%	61	FT	\$ 122.36	C	\$ 74	\$ 65	3.9	C	2.36	\$ 153	\$ 227
CONDUCTOR														
1	#12 CU THHN/THWN	8250	10%	9075	FT	\$ 220.00	M	\$ 1,997	\$ 65	5.4	M	49.01	\$ 3,185	\$ 5,182
2	#10 CU THHN/THWN	13080	10%	14388	FT	\$ 330.00	M	\$ 4,748	\$ 65	6.2	M	89.21	\$ 5,798	\$ 10,546
3	#8 CU THHN/THWN	480	10%	528	FT	\$ 770.00	M	\$ 407	\$ 65	7	M	3.70	\$ 240	\$ 647
4	#8 CU THHN/THWN	720	10%	792	FT	\$ 770.00	M	\$ 610	\$ 65	7	M	5.54	\$ 360	\$ 970
5	#6 CU THHN/THWN	720	10%	792	FT	\$ 1,170.00	M	\$ 927	\$ 65	8.9	M	7.05	\$ 458	\$ 1,385
DEVICES														

1	Duplex Receptacle	20	0%	20	EA	\$ 913.25	C	\$ 183	\$ 65	20	C	4.00	\$ 260	\$ 443
	4 x 1 1/2" SQ BOX COMB KO	20	0%	20	EA	\$ 404.00	C	\$ 81	\$ 65	23	C	4.60	\$ 299	\$ 380
	4" SQ 1G PLSTR RING 5/8" RISE	20	0%	20	EA	\$ 110.87	C	\$ 22	\$ 65	2.5	C	0.50	\$ 33	\$ 55
	GROUND SCREW W/ INSUL #12 LEAD	20	0%	20	EA	\$ 97.46	C	\$ 19	\$ 65	3	C	0.60	\$ 39	\$ 58
	#10x 3/4 P/H SELF-TAP SCREW	40	0%	40	EA	\$ 12.04	C	\$ 5	\$ 65	2.8	C	1.12	\$ 73	\$ 78
	1G DUPLEX REC PLATE - PLASTIC IVY	20	0%	20	EA	\$ 86.00	C	\$ 17	\$ 65	2.7	C	0.54	\$ 35	\$ 52
2	Duplex Receptacle-GFCI	26	0%	26	EA	\$ 1,521.63	C	\$ 396	\$ 65	25	C	6.50	\$ 423	\$ 818
	4 x 1 1/2" SQ BOX COMB KO	26	0%	26	EA	\$ 404.00	C	\$ 105	\$ 65	23	C	5.98	\$ 389	\$ 494
	4" SQ 1G PLSTR RING 5/8" RISE	26	0%	26	EA	\$ 110.87	C	\$ 29	\$ 65	2.5	C	0.65	\$ 42	\$ 71
	GROUND SCREW W/ INSUL #12 LEAD	26	0%	26	EA	\$ 97.46	C	\$ 25	\$ 65	3	C	0.78	\$ 51	\$ 76
	#10x 3/4 P/H SELF-TAP SCREW	52	0%	52	EA	\$ 12.04	C	\$ 6	\$ 65	2.8	C	1.46	\$ 95	\$ 101
	1G DUPLEX REC PLATE - PLASTIC IVY	26	0%	26	EA	\$ 86.00	C	\$ 22	\$ 65	2.7	C	0.70	\$ 46	\$ 68
3	Duplex Receptacle-GFCI, Above Counter	2	0%	2	EA	\$ 1,521.63	C	\$ 30	\$ 65	25	C	0.50	\$ 33	\$ 63
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.00	C	\$ 8	\$ 65	23	C	0.46	\$ 30	\$ 38
	4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 110.87	C	\$ 2	\$ 65	2.5	C	0.05	\$ 3	\$ 5
	GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 97.46	C	\$ 2	\$ 65	3	C	0.06	\$ 4	\$ 6
	#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 12.04	C	\$ 0	\$ 65	2.8	C	0.11	\$ 7	\$ 8
	1G DUPLEX REC PLATE - PLASTIC IVY	2	0%	2	EA	\$ 86.00	C	\$ 2	\$ 65	2.7	C	0.05	\$ 4	\$ 5
4	Duplex Receptacle-GFCI, Above Counter	5	0%	5	EA	\$ 1,521.63	C	\$ 76	\$ 65	25	C	1.25	\$ 81	\$ 157
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 404.00	C	\$ 20	\$ 65	23	C	1.15	\$ 75	\$ 95
	4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$ 110.87	C	\$ 6	\$ 65	2.5	C	0.13	\$ 8	\$ 14
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$ 97.46	C	\$ 5	\$ 65	3	C	0.15	\$ 10	\$ 15
	#10x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 12.04	C	\$ 1	\$ 65	2.8	C	0.28	\$ 18	\$ 19
	1G DUPLEX REC PLATE - PLASTIC IVY	5	0%	5	EA	\$ 86.00	C	\$ 4	\$ 65	2.7	C	0.14	\$ 9	\$ 13
5	Duplex Receptacle-GFCI, WP	15	0%	15	EA	\$ 1,521.63	C	\$ 228	\$ 65	25	C	3.75	\$ 244	\$ 472
	4 x 1 1/2" SQ BOX COMB KO	15	0%	15	EA	\$ 404.00	C	\$ 61	\$ 65	23	C	3.45	\$ 224	\$ 285
	4" SQ 1G PLSTR RING 5/8" RISE	15	0%	15	EA	\$ 110.87	C	\$ 17	\$ 65	2.5	C	0.38	\$ 24	\$ 41
	GROUND SCREW W/ INSUL #12 LEAD	15	0%	15	EA	\$ 97.46	C	\$ 15	\$ 65	3	C	0.45	\$ 29	\$ 44
	#10x 3/4 P/H SELF-TAP SCREW	30	0%	30	EA	\$ 12.04	C	\$ 4	\$ 65	2.8	C	0.84	\$ 55	\$ 58
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	15	0%	15	EA	\$ 952.00	C	\$ 143	\$ 65	6	C	0.90	\$ 59	\$ 201
6	Quadruplex Receptacle	4	0%	4	EA	\$ -	E	\$ -	\$ 65	0	E	0.00	\$ -	\$ -
	20A 125V DUP REC - IVY (SG)	8	0%	8	EA	\$ 1,022.84	C	\$ 82	\$ 65	20	C	1.60	\$ 104	\$ 185.83
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 404.00	C	\$ 16	\$ 65	23	C	0.92	\$ 60	\$ 76
	4" SQ 2G PLSTR RING 5/8" RISE	4	0%	4	EA	\$ 146.40	C	\$ 6	\$ 65	2.5	C	0.10	\$ 7	\$ 12.36
	GROUND SCREW W/ INSUL #12 LEAD	4	0%	4	EA	\$ 97.46	C	\$ 4	\$ 65	3	C	0.12	\$ 8	\$ 11.70
	#10x 3/4 P/H SELF-TAP SCREW	8	0%	8	EA	\$ 12.04	C	\$ 1	\$ 65	2.8	C	0.22	\$ 15	\$ 15.52
	2G DUPLEX REC PLATE - PLASTIC IVY	4	0%	4	EA	\$ 105.18	C	\$ 4	\$ 65	3.9	C	0.16	\$ 10	\$ 14.35
7	Single Receptacle NEMA L5-20R	1	0%	1	EA	\$ 1,418.96	C	\$ 14	\$ 65	20	C	0.20	\$ 13	\$ 27
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 110.87	C	\$ 1	\$ 65	2.5	C	0.03	\$ 2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 97.46	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
	#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 12.04	C	\$ 0	\$ 65	2.8	C	0.06	\$ 4	\$ 4
	1G SINGLE REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 86.00	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
8	Special Receptacle Receptacle 30A (For Dryer)	1	0%	1	EA	\$ 2,015.45	C	\$ 20	\$ 65	25	C	0.25	\$ 16	\$ 36
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 110.87	C	\$ 1	\$ 65	2.5	C	0.03	\$ 2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 97.46	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
	#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 12.04	C	\$ 0	\$ 65	2.8	C	0.06	\$ 4	\$ 4
	1G SINGLE REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 86.00	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
9	Receptacle L6-30R	1	0%	1	EA	\$ 2,015.45	C	\$ 20	\$ 65	25	C	0.25	\$ 16	\$ 36
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 110.87	C	\$ 1	\$ 65	2.5	C	0.03	\$ 2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 97.46	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
	#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 12.04	C	\$ 0	\$ 65	2.8	C	0.06	\$ 4	\$ 4
	1G SINGLE REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 86.00	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
10	T: Television System Outlet With Duplex Receptacle	3	0%	3	EA	\$ 42.98	E	\$ 128.94	\$ 65.00	0.50	E	1.50	\$ 98	\$ 226
	Duplex Receptacle	3	0%	3	EA	\$ 913.25	C	\$ 27	\$ 65	20	C	0.60	\$ 39	\$ 66
LIGHTING														
CONDUITS														
1	3/4" EMT Conduit	2264	10%	2490	FT	\$ 96.99	C	\$ 2,415	\$ 65	3.2	C	79.69	\$ 5,180	\$ 7,596
	3/4" CONN SS STL - EMT	46	0%	46	EA	\$ 68.60	C	\$ 32	\$ 65	10	C	4.60	\$ 299	\$ 331
	3/4" COUPLING SS STL - EMT	227	0%	227	EA	\$ 58.99	C	\$ 134	\$ 65	4	C	9.08	\$ 590	\$ 724
	3/4" 1-H STRAP - EMT - STEEL	227	0%	227	EA	\$ 29.99	C	\$ 68	\$ 65	5.4	C	12.26	\$ 797	\$ 865
	4x 1 1/2" SQ BOX COMB KO	23	0%	23	EA	\$ 404.00	C	\$ 93	\$ 65	23	C	5.29	\$ 344	\$ 437
	4" SQ BLANK COVER	23	0%	23	EA	\$ 81.23	C	\$ 19	\$ 65	2.5	C	0.58	\$ 37	\$ 56
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	227	0%	227	EA	\$ 3.86	C	\$ 9	\$ 65	6	C	13.62	\$ 885	\$ 894
	#10 x 1 P/H SELF-TAP SCREW	114	0%	114	EA	\$ 14.64	C	\$ 17	\$ 65	3	C	3.42	\$ 222	\$ 239
2	3/4" FMC Conduit	345	10%	380	FT	\$ 122.36	C	\$ 464	\$ 65	3.9	C	14.80	\$ 962	\$ 1,426
CONDUCTOR														
1	16/4 Plenum Cable For Control	1050	10%	1155	FT	\$ 539.08	M	\$ 623	\$ 65	11	M	12.71	\$ 826	\$ 1,448
2	#12 CU THHN/THWN	3960	10%	4356	FT	\$ 220.00	M	\$ 958	\$ 65	5.4	M	23.52	\$ 1,529	\$ 2,487
3	#10 CU THHN/THWN	4992	10%	5491	FT	\$ 330.00	M	\$ 1,812	\$ 65	6.2	M	34.05	\$ 2,213	\$ 4,025
LIGHT FIXTURES														
1	A2: 2'x4' LAY-IN LED TROFFER WITH 22-GUAGE POWDER STEEL AND AMATTE WHITE POWDER PAINT FOR IMPROVED AESTHETICS, MAKE/MODEL: LITHONIA #SPX 2X4 4000LM 80CRI BFR LUGR MIN1 2T MVOLT XXX, COOPER, PHILIPS	1	0%	1	EA	\$ -	E	\$ -	\$ 65	0.6	E	0.60	\$ 39	\$ 39
2	A2G: 2X4 LED RECESSED GASKETED TROFFER, MAKE/MODEL: LITHONIA #2GTL 4 48L A19 MVOLT G21 LP840, COOPER, PHILIPS	4	0%	4	EA	\$ -	E	\$ -	\$ 65	0.6	E	2.40	\$ 156	\$ 156
3	A2GE: 2X4 LED RECESSED GASKETED TROFFER, MAKE/MODEL: LITHONIA #2GTL 4 48L A19 MVOLT G21 LP840, COOPER, PHILIPS	2	0%	2	EA	\$ -	E	\$ -	\$ 65	0.6	E	1.20	\$ 78	\$ 78
4	A2V: 2X4 LED TROFFER VANDAL RESISTANT FIXTURE, MAKE/MODEL: CERTOLUX #VRG-3552 2X4 A/18 LED 8 40K 052L UNV P43, COOPER, PHILIPS	31	0%	31	EA	\$ -	E	\$ -	\$ 65	0.6	E	18.60	\$ 1,209	\$ 1,209

5	A2VE: 2X4 LED TROFFER VANDAL RESISTANT FIXTURE, MAKE/MODEL: CERTOLUX #VRG-3552 2X4 A/18 LED 8 40K 052L UNV P43, COOPER, PHILIPS	14	0%	14	EA	\$	-	E	\$	-	\$	65	0.6	E	8.40	\$	546	\$	546
6	AV: SAME AS 'A2V' EXCEPT 2X2', MAKE/MODEL: CERTOLUX #VRG-3552 2X2 A/18 LED 8 40K 052L UNV P43, COOPER, PHILIPS	10	0%	10	EA	\$	-	E	\$	-	\$	65	0.6	E	6.00	\$	390	\$	390
7	AVE: SAME AS 'AV' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: CERTOLUX #VRG-3552 2X2 A/18 LED 8 40K 052L UNV P43, COOPER, PHILIPS	7	0%	7	EA	\$	-	E	\$	-	\$	65	0.6	E	4.20	\$	273	\$	273
8	D: 6" RECESSED CAN LIGHT FIXTURE, MAKE/MODEL: PORTFOLIO #LD6B 20 D010 EU6B 1020 80 40 6LB W O H, COOPER, PHILIPS	11	0%	11	EA	\$	-	E	\$	-	\$	65	0.6	E	6.60	\$	429	\$	429
9	DW: 4" RECESSED CAN LIGHT FIXTURE, WET LOCATION RATED, MAKE/MODEL: GOTHAM #EV04SH 40/20 DFR SMO MVOLT, COOPER, PHILIPS	5	0%	5	EA	\$	-	E	\$	-	\$	65	0.6	E	3.00	\$	195	\$	195
10	DX2: 6" EXTERIOR RATED DOWNLIGHT FIXTURE, ADJUSTABLE UP TO +/-30", AND IP66 RATED., MAKE/MODEL: LUMINIS # OC950 L1L25NR R9, COOPER, PHILIPS	2	0%	2	EA	\$	-	E	\$	-	\$	65	0.6	E	1.20	\$	78	\$	78
11	H: 4' INDUSTRIAL LED STRIP FIXTURE. PROVIDE W/GRIPPLE AIRCRAFT CABLE, MAKE/MODEL: LITHONIA #ZL1D L48 ASR 3000LM FST MVOLT 35K 80CRI, COOPER, PHILIPS	18	0%	18	EA	\$	-	E	\$	-	\$	65	0.8	E	14.40	\$	936	\$	936
12	HE: SAME AS 'H' EXCEPT WITH INTEGRAL BATTERY, MAKE/MODEL: LITHONIA #ZL1D L48 ASR 3000LM FST MVOLT 35K 80CRI E7W, COOPER, PHILIPS	3	0%	3	EA	\$	-	E	\$	-	\$	65	0.8	E	2.40	\$	156	\$	156
13	W1: DECORATIVE LED WALL SCONCE, MAKE/MODEL: LITHONIA # WSQ LED-P2-40K-SR3XX, COOPER, PHILIPS	24	0%	24	EA	\$	-	E	\$	-	\$	65	0.8	E	19.20	\$	1,248	\$	1,248
14	X1: UNIVERSAL MOUNT, SINGLE FACE, WALL MOUNTED, LED EDGE LIT EXIT, MAKE/MODEL: LITHONIA #LQC-W-1-R-ELN, COOPER, PHILIPS	6	0%	6	EA	\$	-	E	\$	-	\$	65	0.5	E	3.00	\$	195	\$	195
LIGHTING FIXTURE ACCESSORIES																			
1	Lighting Fixture Accessories	1	0%	1	LS	\$	2,208.00	E	\$	2,208	\$	65	20.7	E	20.70	\$	1,346	\$	3,554
LIGHTING CONTROLS																			
1	S: Single Pole Light Switch	1	0%	1	EA	\$	-	E	\$	-	\$	65	0.15	E	0.15	\$	10	\$	10
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4	\$	65	23	C	0.23	\$	15	\$	19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$	110.87	C	\$	1	\$	65	2.5	C	0.03	\$	2	\$	3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$	97.46	C	\$	1	\$	65	3	C	0.03	\$	2	\$	3
	#8x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$	14.58	C	\$	0	\$	65	2.6	C	0.05	\$	3	\$	4
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$	86.00	C	\$	1	\$	65	3	C	0.03	\$	2	\$	3
2	SK: Key Switch Note: Light Switch For Display Case Lights. Provide Engraved Switch Plate With "Display Case Lights"	6	0%	6	EA	\$	-	E	\$	-	\$	65	0.3	E	1.80	\$	117	\$	117
	4 x 1 1/2" SQ BOX COMB KO	6	0%	6	EA	\$	404.00	C	\$	24	\$	65	23	C	1.38	\$	90	\$	114
	4" SQ 1G PLSTR RING 5/8" RISE	6	0%	6	EA	\$	110.87	C	\$	7	\$	65	2.5	C	0.15	\$	10	\$	16
	GROUND SCREW W/ INSUL #12 LEAD	6	0%	6	EA	\$	97.46	C	\$	6	\$	65	3	C	0.18	\$	12	\$	18
	#8x 3/4 P/H SELF-TAP SCREW	12	0%	12	EA	\$	14.58	C	\$	2	\$	65	2.6	C	0.31	\$	20	\$	22
	1G TGL SWITCH PLATE - PLASTIC IVY	6	0%	6	EA	\$	86.00	C	\$	5	\$	65	3	C	0.18	\$	12	\$	17
3	SLV: Low Voltage Momentary Single Switch On/Off Switch, NULIGHT #nPODM	4	0%	4	EA	\$	-	E	\$	-	\$	65	0.3	E	1.20	\$	78	\$	78
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16	\$	65	23	C	0.92	\$	60	\$	76
	4" SQ 1G PLSTR RING 5/8" RISE	4	0%	4	EA	\$	110.87	C	\$	4	\$	65	2.5	C	0.10	\$	7	\$	11
	GROUND SCREW W/ INSUL #12 LEAD	4	0%	4	EA	\$	97.46	C	\$	4	\$	65	3	C	0.12	\$	8	\$	12
	#8x 3/4 P/H SELF-TAP SCREW	8	0%	8	EA	\$	14.58	C	\$	1	\$	65	2.6	C	0.21	\$	14	\$	15
	1G TGL SWITCH PLATE - PLASTIC IVY	4	0%	4	EA	\$	86.00	C	\$	3	\$	65	3	C	0.12	\$	8	\$	11
4	SLV1: Low Voltage Momentary Single Zone And Dimming Switch, NULIGHT #nPODM4LXD	9	0%	9	EA	\$	-	E	\$	-	\$	65	0.3	E	2.70	\$	176	\$	176
	4 x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$	404.00	C	\$	36	\$	65	23	C	2.07	\$	135	\$	171
	4" SQ 1G PLSTR RING 5/8" RISE	9	0%	9	EA	\$	110.87	C	\$	10	\$	65	2.5	C	0.23	\$	15	\$	25
	GROUND SCREW W/ INSUL #12 LEAD	9	0%	9	EA	\$	97.46	C	\$	9	\$	65	3	C	0.27	\$	18	\$	26
	#8x 3/4 P/H SELF-TAP SCREW	18	0%	18	EA	\$	14.58	C	\$	3	\$	65	2.6	C	0.47	\$	30	\$	33
	1G TGL SWITCH PLATE - PLASTIC IVY	9	0%	9	EA	\$	86.00	C	\$	8	\$	65	3	C	0.27	\$	18	\$	25
5	SLV1: Low Voltage Momentary Single Zone And Dimming Switch, NULIGHT #nPODM4LXD	1	0%	1	EA	\$	-	E	\$	-	\$	65	0.3	E	0.30	\$	20	\$	20
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$	404.00	C	\$	4	\$	65	23	C	0.23	\$	15	\$	19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$	110.87	C	\$	1	\$	65	2.5	C	0.03	\$	2	\$	3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$	97.46	C	\$	1	\$	65	3	C	0.03	\$	2	\$	3
	#8x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$	14.58	C	\$	0	\$	65	2.6	C	0.05	\$	3	\$	4
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$	86.00	C	\$	1	\$	65	3	C	0.03	\$	2	\$	3
6	SOS: Occupancy Sensor Switch	5	0%	5	EA	\$	-	E	\$	-	\$	65	0.3	E	1.50	\$	98	\$	98
	4 x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$	404.00	C	\$	20	\$	65	23	C	1.15	\$	75	\$	95
	4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$	110.87	C	\$	6	\$	65	2.5	C	0.13	\$	8	\$	14
	GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$	97.46	C	\$	5	\$	65	3	C	0.15	\$	10	\$	15
	#8x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$	14.58	C	\$	1	\$	65	2.6	C	0.26	\$	17	\$	18
	1G TGL SWITCH PLATE - PLASTIC IVY	5	0%	5	EA	\$	86.00	C	\$	4	\$	65	3	C	0.15	\$	10	\$	14
7	OS: Occupancy Sensor Dual Technology, Ceiling Mounted, NULIGHT #nCM PDT 10AR	28	0%	28	EA	\$	-	E	\$	-	\$	65	0.5	E	14.00	\$	910	\$	910
	4 x 1 1/2" SQ BOX COMB KO	28	0%	28	EA	\$	404.00	C	\$	113	\$	65	23	C	6.44	\$	419	\$	532
	4" SQ 1G PLSTR RING 5/8" RISE	28	0%	28	EA	\$	110.87	C	\$	31	\$	65	2.5	C	0.70	\$	46	\$	77
	GROUND SCREW W/ INSUL #12 LEAD	28	0%	28	EA	\$	97.46	C	\$	27	\$	65	3	C	0.84	\$	55	\$	82
	#8x 3/4 P/H SELF-TAP SCREW	56	0%	56	EA	\$	14.58	C	\$	8	\$	65	2.6	C	1.46	\$	95	\$	103
8	VS: Vacancy Sensor, Ceiling Mounted	10	0%	10	EA	\$	-	E	\$	-	\$	65	0.5	E	5.00	\$	325	\$	325
	4 x 1 1/2" SQ BOX COMB KO	10	0%	10	EA	\$	404.00	C	\$	40	\$	65	23	C	2.30	\$	150	\$	190
	4" SQ 1G PLSTR RING 5/8" RISE	10	0%	10	EA	\$	110.87	C	\$	11	\$	65	2.5	C	0.25	\$	16	\$	27
	GROUND SCREW W/ INSUL #12 LEAD	10	0%	10	EA	\$	97.46	C	\$	10	\$	65	3	C	0.30	\$	20	\$	29
	#8x 3/4 P/H SELF-TAP SCREW	20	0%	20	EA	\$	14.58	C	\$	3	\$	65	2.6	C	0.52	\$	34	\$	37
9	E: 175W Remote Sine Wave Inverter Recessed Mounted, MYERS #LV 1 R 1 S201 RMP OR EQUAL HE WILLIAMS, GENLYTE	6	0%	6	EA	\$	-	E	\$	-	\$	65	1.5	E	9.00	\$	585	\$	585
	Quotation For Lighting Fixtures & Lighting Controls (Please Add \$ Amount in Green Highlighted Cell)	1	0%	1	LS	\$	-	E	\$	-	\$	65		E	0.00	\$	-	\$	-
FIRE ALARM																			
CONDUITS																			

1	3/4" EMT Conduit	950	10%	1045	FT	\$ 96.99	C	\$ 1,014	\$ 65	3.2	C	33.44	\$ 2,174	\$ 3,187
	3/4" CONN SS STL - EMT	19	0%	19	EA	\$ 68.60	C	\$ 13	\$ 65	10	C	1.90	\$ 124	\$ 137
	3/4" COUPLING SS STL - EMT	95	0%	95	EA	\$ 58.99	C	\$ 56	\$ 65	4	C	3.80	\$ 247	\$ 303
	3/4" 1-H STRAP - EMT - STEEL	95	0%	95	EA	\$ 29.99	C	\$ 28	\$ 65	5.4	C	5.13	\$ 333	\$ 362
	4x 1 1/2" SQ BOX COMB KO	10	0%	10	EA	\$ 404.00	C	\$ 40	\$ 65	23	C	2.30	\$ 150	\$ 190
	4" SQ BLANK COVER	10	0%	10	EA	\$ 81.23	C	\$ 8	\$ 65	2.5	C	0.25	\$ 16	\$ 24
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	95	0%	95	EA	\$ 3.86	C	\$ 4	\$ 65	6	C	5.70	\$ 371	\$ 374
	#10 x 1 P/H SELF-TAP SCREW	48	0%	48	EA	\$ 14.64	C	\$ 7	\$ 65	3	C	1.44	\$ 94	\$ 101
	CONDUCTOR													
1	#14 CU THHN/THWN	3800	10%	4180	FT	\$ 160.00	M	\$ 669	\$ 65	4.6	M	19.23	\$ 1,250	\$ 1,919
	DEVICES													
1	Audio/Visual Notification Appliance Vandal-proof Polycarbonate Cover, Ceiling	1	0%	1	EA	\$ -	E	\$ -	\$ 65	0.80	E	0.80	\$ 52	\$ 52
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65	3	C	0.06	\$ 4	\$ 4
2	Audio/Visual Notification Appliance, Wall Mounted	14	0%	14	EA	\$ -	E	\$ -	\$ 65	0.65	E	9.10	\$ 592	\$ 592
	4 x 1 1/2" SQ BOX COMB KO	14	0%	14	EA	\$ 404.00	C	\$ 56.56	\$ 65	23	C	3.22	\$ 209	\$ 266
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	28	0%	28	EA	\$ 10.29	C	\$ 2.88	\$ 65	6	C	1.68	\$ 109	\$ 112
	#10x 1 P/H SELF-TAP SCREW	28	0%	28	EA	\$ 13.91	C	\$ 3.89	\$ 65	3	C	0.84	\$ 55	\$ 58
3	Fire Alarm Pull Station Double Action	7	0%	7	EA	\$ -	E	\$ -	\$ 65	0.50	E	3.50	\$ 228	\$ 228
	4 x 1 1/2" SQ BOX COMB KO	7	0%	7	EA	\$ 404.00	C	\$ 28.28	\$ 65	23	C	1.61	\$ 105	\$ 133
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	14	0%	14	EA	\$ 10.29	C	\$ 1.44	\$ 65	6	C	0.84	\$ 55	\$ 56
	#10x 1 P/H SELF-TAP SCREW	14	0%	14	EA	\$ 13.91	C	\$ 1.95	\$ 65	3	C	0.42	\$ 27	\$ 29
4	Fire Alarm Pull Station Double Action Vandal-proof Polycarbonate Cover	7	0%	7	EA	\$ -	E	\$ -	\$ 65	0.50	E	3.50	\$ 228	\$ 228
	4 x 1 1/2" SQ BOX COMB KO	7	0%	7	EA	\$ 404.00	C	\$ 28.28	\$ 65	23	C	1.61	\$ 105	\$ 133
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	14	0%	14	EA	\$ 10.29	C	\$ 1.44	\$ 65	6	C	0.84	\$ 55	\$ 56
	#10x 1 P/H SELF-TAP SCREW	14	0%	14	EA	\$ 13.91	C	\$ 1.95	\$ 65	3	C	0.42	\$ 27	\$ 29
5	Visual Only Notification Appliance	1	0%	1	EA	\$ -	E	\$ -	\$ 65	0.50	E	0.50	\$ 33	\$ 33
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65	3	C	0.06	\$ 4	\$ 4
6	Visual Only Notification Appliance Vandal-proof Polycarbonate Cover	2	0%	2	EA	\$ -	E	\$ -	\$ 65	0.65	E	1.30	\$ 85	\$ 85
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 404.00	C	\$ 8.08	\$ 65	23	C	0.46	\$ 30	\$ 38
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$ 10.29	C	\$ 0.41	\$ 65	6	C	0.24	\$ 16	\$ 16
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 13.91	C	\$ 0.56	\$ 65	3	C	0.12	\$ 8	\$ 8
7	Duct Smoke Detector	5	0%	5	EA	\$ -	E	\$ -	\$ 65	1.00	E	5.00	\$ 325	\$ 325
8	FACP: Fire Alarm Control Panel	1	0%	1	EA	\$ -	E	\$ -	\$ 65	5.00	E	5.00	\$ 325	\$ 325
26	Allowance For Testing & Commissioning	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	20.00	E	20.00	\$ 1,300	\$ 1,300
	Quotation For Fire Alarm (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E	\$ -	\$ 65		E	0.00	\$ -	\$ -
	LOCAL SOUND													
	CONDUITS													
1	3/4" EMT Conduit	35	10%	39	FT	\$ 96.99	C	\$ 37	\$ 65	3.2	C	1.23	\$ 80	\$ 117
	3/4" CONN SS STL - EMT	1	0%	1	EA	\$ 68.60	C	\$ 1	\$ 65	10	C	0.10	\$ 7	\$ 7
	3/4" COUPLING SS STL - EMT	4	0%	4	EA	\$ 58.99	C	\$ 2	\$ 65	4	C	0.16	\$ 10	\$ 13
	3/4" 1-H STRAP - EMT - STEEL	4	0%	4	EA	\$ 29.99	C	\$ 1	\$ 65	5.4	C	0.22	\$ 14	\$ 15
	4x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	4" SQ BLANK COVER	1	0%	1	EA	\$ 81.23	C	\$ 1	\$ 65	2.5	C	0.03	\$ 2	\$ 2
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$ 3.86	C	\$ 0	\$ 65	6	C	0.24	\$ 16	\$ 16
	#10 x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 14.64	C	\$ 0	\$ 65	3	C	0.06	\$ 4	\$ 4
	CONDUCTOR													
1	16/2 Shielded Belden Cable	75	10%	83	FT	\$ 320.91	M	\$ 26	\$ 65	8.8	M	0.73	\$ 47	\$ 74
	DEVICES													
1	Ceiling Speaker	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	0.80	E	0.80	\$ 52	\$ 52
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0	\$ 65	6	C	0.12	\$ 8	\$ 8
	#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0	\$ 65	3	C	0.06	\$ 4	\$ 4
2	SS-F: System Amplifier/Head End	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	6.00	E	6.00	\$ 390	\$ 390
	Quotation For Local Sound (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E	\$ -	\$ 65		E	0.00	\$ -	\$ -
	OVERHEAD PAGING													
	CONDUITS													
1	3/4" EMT Conduit	480	10%	528	FT	\$ 96.99	C	\$ 512	\$ 65	3.2	C	16.90	\$ 1,098	\$ 1,610
	3/4" CONN SS STL - EMT	10	0%	10	EA	\$ 68.60	C	\$ 7	\$ 65	10	C	1.00	\$ 65	\$ 72
	3/4" COUPLING SS STL - EMT	48	0%	48	EA	\$ 58.99	C	\$ 28	\$ 65	4	C	1.92	\$ 125	\$ 153
	3/4" 1-H STRAP - EMT - STEEL	48	0%	48	EA	\$ 29.99	C	\$ 14	\$ 65	5.4	C	2.59	\$ 168	\$ 183
	4x 1 1/2" SQ BOX COMB KO	5	0%	5	EA	\$ 212.81	C	\$ 11	\$ 65	23	C	1.15	\$ 75	\$ 85
	4" SQ BLANK COVER	5	0%	5	EA	\$ 81.23	C	\$ 4	\$ 65	2.5	C	0.13	\$ 8	\$ 12
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	48	0%	48	EA	\$ 3.86	C	\$ 2	\$ 65	6	C	2.88	\$ 187	\$ 189
	#10 x 1 P/H SELF-TAP SCREW	24	0%	24	EA	\$ 14.64	C	\$ 4	\$ 65	3	C	0.72	\$ 47	\$ 50
	CONDUCTOR													
1	16/2 Shielded Belden Cable	640	10%	704	FT	\$ 320.91	M	\$ 226	\$ 65	8.8	M	6.20	\$ 403	\$ 629
	DEVICES													
1	Paging Speaker Ceiling Mounted	14	0%	14	EA	\$ -	E	\$ -	\$ 65.00	0.65	E	9.10	\$ 592	\$ 592
	4 x 1 1/2" SQ BOX COMB KO	14	0%	14	EA	\$ 212.81	C	\$ 30	\$ 65	23	C	3.22	\$ 209	\$ 239
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	28	0%	28	EA	\$ 10.29	C	\$ 3	\$ 65	6	C	1.68	\$ 109	\$ 112
	#10x 1 P/H SELF-TAP SCREW	28	0%	28	EA	\$ 13.91	C	\$ 4	\$ 65	3	C	0.84	\$ 55	\$ 58
2	Paging Speaker W/Volume Control	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	0.50	E	1.00	\$ 65	\$ 65
	4 x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 212.81	C	\$ 4	\$ 65	23	C	0.46	\$ 30	\$ 34
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$ 10.29	C	\$ 0	\$ 65	6	C	0.24	\$ 16	\$ 16
	#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 13.91	C	\$ 1	\$ 65	3	C	0.12	\$ 8	\$ 8

4	Paging System Amplifier/Tuner Cabinet/Head End	1	0%	1	EA	\$		E	\$	-	\$ 65.00	8.00	E	8.00	\$ 520	\$ 520
5	Allowance For Testing & Training	1	0%	1	EA	\$		LS	\$	-	\$ 65.00	6.00	E	6.00	\$ 390	\$ 390
	Quotation For Paging System (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS			E	\$	-	\$ 65		E	0.00	\$ -	\$ -
ACCESS CONTROL																
CONDUITS																
1	3/4" EMT Conduit	1068	10%	1175	FT	\$	96.99	C	\$	1,139	\$ 65	3.2	C	37.59	\$ 2,444	\$ 3,583
	3/4" CONN SS STL - EMT	22	0%	22	EA	\$	68.60	C	\$	15	\$ 65	10	C	2.20	\$ 143	\$ 158
	3/4" COUPLING SS STL - EMT	107	0%	107	EA	\$	58.99	C	\$	63	\$ 65	4	C	4.28	\$ 278	\$ 341
	3/4" 1-H STRAP - EMT - STEEL	107	0%	107	EA	\$	29.99	C	\$	32	\$ 65	5.4	C	5.78	\$ 376	\$ 408
	4x 1 1/2" SQ BOX COMB KO	11	0%	11	EA	\$	212.81	C	\$	23	\$ 65	23	C	2.53	\$ 164	\$ 188
	4" SQ BLANK COVER	11	0%	11	EA	\$	81.23	C	\$	9	\$ 65	2.5	C	0.28	\$ 18	\$ 27
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	107	0%	107	EA	\$	3.86	C	\$	4	\$ 65	6	C	6.42	\$ 417	\$ 421
	#10 x 1 P/H SELF-TAP SCREW	54	0%	54	EA	\$	14.64	C	\$	8	\$ 65	3	C	1.62	\$ 105	\$ 113
CONDUCTOR																
1	Composite Cable For Access Control Devices	1885	10%	2074	LF	\$	1,150.00	M	\$	2,385	\$ 65	15	M	31.10	\$ 2,022	\$ 4,406
DEVICES																
1	Door Release Card Reader Station	13	0%	13	EA	\$		E	\$	-	\$ 65.00	1.25	E	16.25	\$ 1,056	\$ 1,056
	4 x 1 1/2" SQ BOX COMB KO	13	0%	13	EA	\$	404.00	C	\$	52.52	\$ 65.00	23	C	2.99	\$ 194	\$ 247
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	26	0%	26	EA	\$	10.29	C	\$	2.68	\$ 65.00	6	C	1.56	\$ 101	\$ 104
	#10x 1 P/H SELF-TAP SCREW	26	0%	26	EA	\$	13.91	C	\$	3.62	\$ 65.00	3	C	0.78	\$ 51	\$ 54
2	Door Alarm/Position Switch	10	0%	10	EA	\$		E	\$	-	\$ 65.00	0.75	E	7.50	\$ 488	\$ 488
3	Door Power Supply	13	0%	13	EA	\$		E	\$	-	\$ 65.00	0.85	E	11.05	\$ 718	\$ 718
4	Access Door Controller	13	0%	13	EA	\$		E	\$	-	\$ 65.00	1.50	E	19.50	\$ 1,268	\$ 1,268
5	Electricfied Latch	20	0%	20	EA	\$		E	\$	-	\$ 65.00	0.75	E	15.00	\$ 975	\$ 975
6	Power Transfer (Frame To Door)	20	0%	20	EA	\$		E	\$	-	\$ 65.00	0.75	E	15.00	\$ 975	\$ 975
9	Security System Head End	1	0%	1	EA	\$		E	\$	-	\$ 65.00	12.00	E	12.00	\$ 780	\$ 780
10	Allowance For Programming	1	0%	1	EA	\$		E	\$	-	\$ 65.00	13.00	E	13.00	\$ 845	\$ 845
11	Allowance For Testing & Commissioning	1	0%	1	EA	\$		E	\$	-	\$ 65.00	7.00	E	7.00	\$ 455	\$ 455
	Quotation For Access Control (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS			E	\$	-	\$ 65		E	0.00	\$ -	\$ -
TELECOMMUNICATION																
CONDUITS																
1	1-1/4" EMT Conduit	48	10%	53	FT	\$	271.63	C	\$	143	\$ 65	4.7	C	2.48	\$ 161	\$ 305
	1 1/4" ELBOW 90 DEG - EMT	1	0%	1	EA	\$	1,092.00	C	\$	11	\$ 65	30	C	0.30	\$ 20	\$ 30
	1 1/4" CONN SS STL - EMT	1	0%	1	EA	\$	353.28	C	\$	4	\$ 65	14	C	0.14	\$ 9	\$ 13
	1 1/4" COUPLING SS STL - EMT	5	0%	5	EA	\$	203.32	C	\$	10	\$ 65	6.5	C	0.33	\$ 21	\$ 31
	1 1/4" BUSHING - PLASTIC	1	0%	1	EA	\$	39.16	C	\$	0	\$ 65	3.9	C	0.04	\$ 3	\$ 3
	1 1/4" 1-H STRAP - EMT - STEEL	5	0%	5	EA	\$	70.82	C	\$	4	\$ 65	7	C	0.35	\$ 23	\$ 26
	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	5	0%	5	EA	\$		C	\$	-	\$ 65	8	C	0.40	\$ 26	\$ 26
2	1-1/4" PVC SCH 40 Conduit With Pull String	36	10%	40	FT	\$	85.86	C	\$	34	\$ 65	5	C	1.98	\$ 129	\$ 163
	1 1/4" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$	2,048.48	C	\$	20	\$ 65	38	C	0.38	\$ 25	\$ 45
	1 1/4" LOCKNUT - STEEL	1	0%	1	EA	\$	59.12	C	\$	1	\$ 65	4.65	C	0.05	\$ 3	\$ 4
	1 1/4" COUPLING - PVC	3	0%	3	EA	\$	44.53	C	\$	1	\$ 65	0	C	0.00	\$ -	\$ 1
	1 1/4" ADAPTER FEM - PVC	1	0%	1	EA	\$	182.15	C	\$	2	\$ 65	14	C	0.14	\$ 9	\$ 11
CONDUCTOR																
1	CAT6A UTP Cable	2400	10%	2640	FT	\$	386.54	M	\$	1,020	\$ 65	7.5	M	19.80	\$ 1,287	\$ 2,307
DEVICES																
1	CAT6A Patch Cords (5' Each)	22	0%	22	EA	\$		E	\$	-	\$ 65.00	0.15	E	3.30	\$ 215	\$ 215
2	CAT6A Patch Cords (7' Each)	5	0%	5	EA	\$		E	\$	-	\$ 65.00	0.15	E	0.75	\$ 49	\$ 49
3	Rack Mount Fiber Enclosures FCE1U	1	0%	1	EA	\$		E	\$	-	\$ 65.00	1.50	E	1.50	\$ 98	\$ 98
4	LC 10Gig/DM3/OM4 FAP loaded with six LC 10Gig Duplex Multimode Fiber Optic Adapters (Aqua) with zirconia ceramic split sleeves	2	0%	2	EA	\$		E	\$	-	\$ 65.00	0.35	E	0.70	\$ 46	\$ 46
5	4 Post Rack With All Accessories	1	0%	1	EA	\$		E	\$	-	\$ 65.00	5.00	E	5.00	\$ 325	\$ 325
6	Grounding Kit For Racks	1	0%	1	EA	\$		E	\$	-	\$ 65.00	0.65	E	0.65	\$ 42	\$ 42
7	Vertical Wire Manager	2	0%	2	EA	\$		E	\$	-	\$ 65.00	0.65	E	1.30	\$ 85	\$ 85
8	Horizontal Wire manager	2	0%	2	EA	\$		E	\$	-	\$ 65.00	0.50	E	1.00	\$ 65	\$ 65
9	48 Port CAT6A Panels Loaded	1	0%	1	EA	\$		E	\$	-	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
10	2-Port Data Outlet, Wall Mounted	4	0%	4	EA	\$		E	\$	-	\$ 65.00	0.30	E	1.20	\$ 78	\$ 78
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16	\$ 65	23	C	0.92	\$ 60	\$ 76
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$	10.29	C	\$	1	\$ 65	6	C	0.48	\$ 31	\$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$	13.91	C	\$	1	\$ 65	3	C	0.24	\$ 16	\$ 17
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	8	0%	8	EA	\$		E	\$	-	\$ 65.00	0.10	E	0.80	\$ 52	\$ 52
	Bezel Assembly	4	0%	4	EA	\$		E	\$	-	\$ 65.00	0.10	E	0.40	\$ 26	\$ 26
	Blank Plate	8	0%	8	EA	\$		E	\$	-	\$ 65.00	3.00	C	0.24	\$ 16	\$ 16
	Faceplate	4	0%	4	EA	\$		E	\$	-	\$ 65.00	3.00	C	0.12	\$ 8	\$ 8
11	Telecommunications System Back Board 96"H x 3/4"D FireRetrdent Plywood Back Board With (2) Coats Of Non-Conductive Fire Retardant Light Gray Paint	7	0%	7	FT	\$	16.14	E	\$	116.21	\$ 65.00	0.15	E	1.08	\$ 70	\$ 186
12	Wireless Access Point OFOI With (2) Data Outlet And Face Plate	4	0%	4	EA	\$		E	\$	-	\$ 65.00	0.30	E	1.20	\$ 78	\$ 78
	4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$	404.00	C	\$	16	\$ 65	23	C	0.92	\$ 60	\$ 76
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	8	0%	8	EA	\$	10.29	C	\$	1	\$ 65	6	C	0.48	\$ 31	\$ 32
	#10x 1 P/H SELF-TAP SCREW	8	0%	8	EA	\$	13.91	C	\$	1	\$ 65	3	C	0.24	\$ 16	\$ 17
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	8	0%	8	EA	\$		E	\$	-	\$ 65.00	0.10	E	0.80	\$ 52	\$ 52
	Bezel Assembly	4	0%	4	EA	\$		E	\$	-	\$ 65.00	0.10	E	0.40	\$ 26	\$ 26
	Blank Plate	8	0%	8	EA	\$		E	\$	-	\$ 65.00	3.00	C	0.24	\$ 16	\$ 16
	Faceplate	4	0%	4	EA	\$		E	\$	-	\$ 65.00	3.00	C	0.12	\$ 8	\$ 8
	Quotation For telecom (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS			E	\$	-	\$ 65		E	0.00	\$ -	\$ -
VAPE DETECTION SYSTEM																
CONDUITS																

1	3/4" EMT Conduit	315	10%	347	FT	\$ 96.99	C	\$ 336	\$ 65	3.2	C	11.09	\$ 721	\$ 1,057
	3/4" CONN SS STL - EMT	7	0%	7	EA	\$ 68.60	C	\$ 5	\$ 65	10	C	0.70	\$ 46	\$ 50
	3/4" COUPLING SS STL - EMT	32	0%	32	EA	\$ 58.99	C	\$ 19	\$ 65	4	C	1.28	\$ 83	\$ 102
	3/4" 1-H STRAP - EMT - STEEL	32	0%	32	EA	\$ 29.99	C	\$ 10	\$ 65	5.4	C	1.73	\$ 112	\$ 122
	4x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 404.00	C	\$ 16	\$ 65	23	C	0.92	\$ 60	\$ 76
	4" SQ BLANK COVER	4	0%	4	EA	\$ 81.23	C	\$ 3	\$ 65	2.5	C	0.10	\$ 7	\$ 10
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	32	0%	32	EA	\$ 3.86	C	\$ 1	\$ 65	6	C	1.92	\$ 125	\$ 126
	#10 x 1 P/H SELF-TAP SCREW	16	0%	16	EA	\$ 14.64	C	\$ 2	\$ 65	3	C	0.48	\$ 31	\$ 34
	CONDUCTOR													
1	CAT6 UTP Cable	1395	10%	1535	FT	\$ 386.54	M	\$ 593.15	\$ 65.00	7.5	M	11.51	\$ 748	\$ 1,341
	DEVICES													
1	Vape Detection System Smart Sensor HALO-3C-PC	9	0%	9	EA	\$ -	E	\$ -	\$ 65.00	4.00	E	36.00	\$ 2,340	\$ 2,340
	4 x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$ 404.00	C	\$ 36	\$ 65	23	C	2.07	\$ 135	\$ 171
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	18	0%	18	EA	\$ 10.29	C	\$ 2	\$ 65	6	C	1.08	\$ 70	\$ 72
	#10x1 P/H SELF-TAP SCREW	18	0%	18	EA	\$ 13.91	C	\$ 3	\$ 65	3	C	0.54	\$ 35	\$ 38
2	Head End Equipment	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195
	Quotation For Vape Detection System (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E	\$ -	\$ 65		E	0.00	\$ -	\$ -
	MISCELLANEOUS													
1	3/4" Conduit Sleeve	3	0%	3	EA	\$ 2.98	E	\$ 8.94	\$ 65.00	0.10	E	0.30	\$ 20	\$ 28
2	4" 3 Cell Inner Duct	40	0%	40	FT	\$ 498.77	C	\$ 199.51	\$ 65.00	3.00	C	1.20	\$ 78	\$ 278
	FIRESTOPPING													
1	Caulking Sealant	1	0%	1	LS	\$ 650.99	LS	\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195
													TOTAL MATERIAL COST	\$ 35,065
													TOTAL LABOR COST	\$ 93,124
													TOTAL LABOR HOURS	1,433
													TOTAL COST	\$ 128,189
													OVERHEADS & PROFIT	25% \$ 32,047
													SALES TAX	6% \$ 2,104
													TOTAL BID	\$ 162,340
SCOPE OF ESTIMATE:														
I	SUPPLY & INSTALL													
1	Demolition													
2	Distribution													
3	Power													
4	Lighting													
5	Fire Alarm													
6	Local Sound													
7	Overhead Paging													
8	Access Control													
9	Telecom													
10	Vape Detection System													
11	Miscellaneous													
II	NOTES													
1	Material prices and labor hours are figured from the accubid database.													
2	Please add quotes from vendors for switchgear, disconnect switches, lighting fixtures, lighting controls, fire alarm, speakers, access control, telecom and vape detection system in green highlighted cell. Labor cost is included in estimate.													

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															
DISTRIBUTION															
DUCT BANK															
1	Concrete Encased Duct Bank With (3) 3-1/2" PVC SCH. 80 Conduit	362	0%	362	LF	\$ 11.00	E	\$ 3,984	\$ 65	0.1	E	36.22	\$ 2,354	\$ 6,339	
2	Concrete Encased Duct Bank With (8) 4" PVC SCH. 40 Conduit	15	0%	15	LF	\$ 18.98	E	\$ 285	\$ 65	0.18	E	2.70	\$ 176	\$ 460	
CONDUITS															
1	3" PVC SCH. 40 Conduit	372	10%	409	FT	\$ 236.41	C	\$ 967	\$ 65	9.8	C	40.09	\$ 2,606	\$ 3,573	
	3" ELBOW 90 DEG - RMC - GALV	6	0%	6	EA	\$ 10,422.72	C	\$ 625	\$ 65	125	C	7.50	\$ 488	\$ 1,113	
	3" LOCKNUT - STEEL	8	0%	8	EA	\$ 341.50	C	\$ 27	\$ 65	9.8	C	0.78	\$ 51	\$ 78	
	3" COUPLING - PVC	37	0%	37	EA	\$ 228.26	C	\$ 84	\$ 65	0	C	0.00	\$ -	\$ 84	
	3" ADAPTER FEM - PVC	8	0%	8	EA	\$ 631.66	C	\$ 51	\$ 65	28	C	2.24	\$ 146	\$ 196	
2	3-1/2" PVC SCH. 40 Conduit	1087	10%	1195	FT	\$ 301.53	C	\$ 3,604	\$ 65	11.8	C	141.04	\$ 9,168	\$ 12,772	
	3 1/2" ELBOW 90 DEG - RMC - GALV	17	0%	17	EA	\$ 14,437.92	C	\$ 2,454	\$ 65	156	C	26.52	\$ 1,724	\$ 4,178	
	3 1/2" LOCKNUT - STEEL	22	0%	22	EA	\$ 485.35	C	\$ 107	\$ 65	11.3	C	2.49	\$ 162	\$ 268	
	3 1/2" COUPLING - PVC	108	0%	108	EA	\$ 253.80	C	\$ 274	\$ 65	0	C	0.00	\$ -	\$ 274	
	3 1/2" ADAPTER FEM - PVC	22	0%	22	EA	\$ 654.45	C	\$ 144	\$ 65	33	C	7.26	\$ 472	\$ 616	
3	4" PVC SCH. 40 Conduit	121	10%	133	FT	\$ 346.30	C	\$ 460	\$ 65	13.8	C	18.35	\$ 1,193	\$ 1,653	
	4" ELBOW 90 DEG - RMC - GALV	2	0%	2	EA	\$ 16,656.64	C	\$ 333	\$ 65	194	C	3.88	\$ 252	\$ 585	
	4" LOCKNUT - STEEL	3	0%	3	EA	\$ 623.11	C	\$ 19	\$ 65	12.6	C	0.38	\$ 25	\$ 43	
	4" COUPLING - PVC	12	0%	12	EA	\$ 352.43	C	\$ 42	\$ 65	0	C	0.00	\$ -	\$ 42	
	4" ADAPTER FEM - PVC	3	0%	3	EA	\$ 684.72	C	\$ 21	\$ 65	40	C	1.20	\$ 78	\$ 99	
CONDUCTOR															
1	#1 CU THHN/THWN	372	10%	409	FT	\$ 3,070.00	M	\$ 1,256	\$ 65	13.5	M	5.52	\$ 359	\$ 1,615	
2	#350 KCMIL CU THHN/THWN	1488	10%	1637	FT	\$ 12,510.00	M	\$ 20,476	\$ 65	31.5	M	51.56	\$ 3,351	\$ 23,828	
3	#400 KCMIL CU THHN/THWN	121	10%	133	FT	\$ 13,600.00	M	\$ 1,808	\$ 65	35.2	M	4.68	\$ 304	\$ 2,113	
3	#500 KCMIL CU THHN/THWN	484	10%	532	FT	\$ 17,330.00	M	\$ 9,226	\$ 65	38.8	M	20.66	\$ 1,343	\$ 10,569	
PANELS															
1	Panel GHP1: 400, 208Y/120V, 3PH, 4W, Mains: MCB, 65KAIC, 84 Poles, Surface Mounted, NEMA 4X With SPD Remarks: SPD (Surge Protection Device) CATERGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$ -	E	\$ -	\$ 65	9	E	9.00	\$ 585	\$ 585	
2	Panel GHP2: 400, 208Y/120V, 3PH, 4W, Mains: MCB, 65KAIC, 84 Poles, Surface Mounted, NEMA 4X With SPD Remarks: SPD (Surge Protection Device) CATERGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$ -	E	\$ -	\$ 65	9	E	9.00	\$ 585	\$ 585	
3	Panel GHP3: 400, 208Y/120V, 3PH, 4W, Mains: MCB, 65KAIC, 84 Poles, Surface Mounted, NEMA 4X With SPD Remarks: SPD (Surge Protection Device) CATERGORY #B Unit For Panelboards As Specified (Division 26 Specifications). Provide Unit Integral To Panelboard. Provide With Event Counter.	1	0%	1	EA	\$ -	E	\$ -	\$ 65	9	E	9.00	\$ 585	\$ 585	
BREAKERS															
1	1P/20A Breaker	246	0%	246	EA	\$ -	E	\$ -	\$ 65	0.15	E	36.90	\$ 2,399	\$ 2,399	
2	1P/25A Breaker	6	0%	6	EA	\$ -	E	\$ -	\$ 65	0.15	E	0.90	\$ 59	\$ 59	
3	3P/400A MCB	3	0%	3	EA	\$ -	E	\$ -	\$ 65	1.8	E	5.40	\$ 351	\$ 351	
DEVICES															
1	Concrete Pad For Utility Transformer	1	0%	1	EA	\$ 2,988.77	E	\$ 2,989	\$ 65	10	E	10.00	\$ 650	\$ 3,639	
DISCONNECT SWITCH															
1	Non-Recersing Motor Starter Snap Switch, NEMA 3R	31	0%	31	EA	\$ -	E	\$ -	\$ 65	0.35	E	10.85	\$ 705	\$ 705	
	4 x 1 1/2" SQ BOX COMB KO	31	0%	31	EA	\$ 404.00	C	\$ 125	\$ 65	23	C	7.13	\$ 463	\$ 589	
	4" SQ 1G PLSTR RING 5/8" RISE	31	0%	31	EA	\$ 110.87	C	\$ 34	\$ 65	2.5	C	0.78	\$ 50	\$ 85	
	GROUND SCREW W/ INSUL #12 LEAD	31	0%	31	EA	\$ 97.46	C	\$ 30	\$ 65	3	C	0.93	\$ 60	\$ 91	
	#8x 3/4 P/H SELF-TAP SCREW	62	0%	62	EA	\$ 14.58	C	\$ 9	\$ 65	2.6	C	1.61	\$ 105	\$ 114	
	16 TGL SWITCH PLATE - WP	31	0%	31	EA	\$ 7.49	E	\$ 232	\$ 65	10	C	3.10	\$ 202	\$ 434	
	Quotation For switchgear (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -	
GROUNDING															
1	SBB	1	0%	1	EA	\$ 198.99	E	\$ 199	\$ 65	1.5	E	1.50	\$ 98	\$ 296	
2	BMGB	1	0%	1	EA	\$ 320.00	E	\$ 320	\$ 65	1.5	E	1.50	\$ 98	\$ 418	
3	#2/0 Bare Copper	50	10%	55	FT	\$ 3,483.30	M	\$ 192	\$ 65	21	M	1.16	\$ 75	\$ 267	
4	Grounding Clamp	3	0%	3	EA	\$ 4.78	E	\$ 14	\$ 65	0.15	E	0.45	\$ 29	\$ 44	
5	Exothermic Weld	3	0%	3	EA	\$ 78.99	E	\$ 237	\$ 65	0.65	E	1.95	\$ 127	\$ 364	
6	3/4" X 10' Ground Rod	3	0%	3	EA	\$ 42.99	E	\$ 129	\$ 65	1	E	3.00	\$ 195	\$ 324	
POWER															
CONDUITS															
1	3/4" RGS Conduit	3240	10%	3564	FT	\$ 309.95	C	\$ 11,047	\$ 65	5	C	178.20	\$ 11,583	\$ 22,630	
	3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	65	0%	65	EA	\$ -	C	\$ -	\$ 65	20	C	13.00	\$ 845	\$ 845	
	3/4" 1-H STRAP - RMC - MALL	324	0%	324	EA	\$ 164.16	C	\$ 532	\$ 65	5.4	C	17.50	\$ 1,137	\$ 1,669	
	4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	65	0%	65	EA	\$ 70.63	E	\$ 4,591	\$ 65	0.45	E	29.25	\$ 1,901	\$ 6,492	
	COVER ROUND BLANK - CI	65	0%	65	EA	\$ 19.08	E	\$ 1,241	\$ 65	0.06	E	3.90	\$ 254	\$ 1,494	
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	324	0%	324	EA	\$ 3.86	C	\$ 13	\$ 65	6	C	19.44	\$ 1,264	\$ 1,276	
	#10 x 1 P/H SELF-TAP SCREW	216	0%	216	EA	\$ 14.64	C	\$ 32	\$ 65	3	C	6.48	\$ 421	\$ 453	
2	3/4" FMC Conduit	231	10%	254	FT	\$ 122.36	C	\$ 311	\$ 65	3.9	C	9.91	\$ 644	\$ 955	
CONDUCTOR															

1	#12 CU THHN/THWN	17385	10%	19124	FT	\$ 220.00	M	\$ 4,207	\$ 65	5.4	M	103.27	\$ 6,712	\$ 10,920
2	#10 CU THHN/THWN	6300	10%	6930	FT	\$ 330.00	M	\$ 2,287	\$ 65	6.2	M	42.97	\$ 2,793	\$ 5,080
DEVICES														
1	Duplex Receptacle-GFCI, WP, FS BoX	44	0%	44	EA	\$ 1,521.63	C	\$ 670	\$ 65	25	C	11.00	\$ 715	\$ 1,385
	FS BoX	44	0%	44	EA	\$ 36.94	E	\$ 1,625	\$ 65	0.35	E	15.40	\$ 1,001	\$ 2,626
	GROUND SCREW W/ INSUL #12 LEAD	44	0%	44	EA	\$ 97.46	C	\$ 43	\$ 65	3	C	1.32	\$ 86	\$ 129
	#10x 3/4 P/H SELF-TAP SCREW	88	0%	88	EA	\$ 12.04	C	\$ 11	\$ 65	2.8	C	2.46	\$ 160	\$ 171
	1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	44	0%	44	EA	\$ 952.00	C	\$ 419	\$ 65	6	C	2.64	\$ 172	\$ 590
3	Single Receptacle L5-20R	1	0%	1	EA	\$ 1,418.96	C	\$ 14	\$ 65	20	C	0.20	\$ 13	\$ 27
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 110.87	C	\$ 1	\$ 65	2.5	C	0.03	\$ 2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 97.46	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
	#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 12.04	C	\$ 0	\$ 65	2.8	C	0.06	\$ 4	\$ 4
	1G SINGLE REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 86.00	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
4	Receptacle L6-30R	1	0%	1	EA	\$ 2,015.45	C	\$ 20	\$ 65	25	C	0.25	\$ 16	\$ 36
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4	\$ 65	23	C	0.23	\$ 15	\$ 19
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 110.87	C	\$ 1	\$ 65	2.5	C	0.03	\$ 2	\$ 3
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 97.46	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
	#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 12.04	C	\$ 0	\$ 65	2.8	C	0.06	\$ 4	\$ 4
	1G SINGLE REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 86.00	C	\$ 1	\$ 65	3	C	0.03	\$ 2	\$ 3
LIGHTING														
CONDUITS														
1	1" PVC SCH 40 Conduit	378	10%	416	FT	\$ 61.02	C	\$ 254	\$ 65	4.2	C	17.48	\$ 1,136	\$ 1,390
	1" ELBOW 90 DEG - RMC - GALV	6	0%	6	EA	\$ 1,447.04	C	\$ 87	\$ 65	32	C	1.92	\$ 125	\$ 212
	1" LOCKNUT - STEEL	8	0%	8	EA	\$ 40.91	C	\$ 3	\$ 65	3.1	C	0.25	\$ 16	\$ 19
	1" COUPLING - PVC	37	0%	37	EA	\$ 32.69	C	\$ 12	\$ 65	0	C	0.00	\$ -	\$ 12
	1" ADAPTER FEM - PVC	8	0%	8	EA	\$ 120.62	C	\$ 10	\$ 65	12	C	0.96	\$ 62	\$ 72
2	3/4" RGS Conduit	4285	10%	4714	FT	\$ 309.95	C	\$ 14,609	\$ 65	5	C	235.68	\$ 15,319	\$ 29,928
	3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	86	0%	86	EA	\$ -	C	\$ -	\$ 65	20	C	17.20	\$ 1,118	\$ 1,118
	3/4" 1-H STRAP - RMC - MALL	429	0%	429	EA	\$ 164.16	C	\$ 704	\$ 65	5.4	C	23.17	\$ 1,506	\$ 2,210
	4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	86	0%	86	EA	\$ 70.63	E	\$ 6,074	\$ 65	0.45	E	38.70	\$ 2,516	\$ 8,589
	COVER ROUND BLANK - CI	86	0%	86	EA	\$ 19.08	E	\$ 1,641	\$ 65	0.06	E	5.16	\$ 335	\$ 1,977
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	429	0%	429	EA	\$ 3.86	C	\$ 17	\$ 65	6	C	25.74	\$ 1,673	\$ 1,690
	#10 x 1 P/H SELF-TAP SCREW	286	0%	286	EA	\$ 14.64	C	\$ 42	\$ 65	3	C	8.58	\$ 558	\$ 600
3	3/4" LFMC	621	10%	683	FT	\$ 262.40	C	\$ 1,792	\$ 65	4.95	C	33.81	\$ 2,198	\$ 3,990
CONDUCTOR														
1	#12 CU THHN/THWN	8295	10%	9125	FT	\$ 220.00	M	\$ 2,007	\$ 65	5.4	M	49.27	\$ 3,203	\$ 5,210
2	#10 CU THHN/THWN	20613	10%	22674	FT	\$ 330.00	M	\$ 7,483	\$ 65	6.2	M	140.58	\$ 9,138	\$ 16,620
3	#8 CU THHN/THWN	758	10%	834	FT	\$ 770.00	M	\$ 642	\$ 65	7	M	5.84	\$ 379	\$ 1,021
LIGHT FIXTURES														
1	OLF	2	0%	2	EA	\$ -	E	\$ -	\$ 65	2	E	4.00	\$ 260	\$ 260
	8" X 8" X 4" Carlon: E88C24	2	0%	2	EA	\$ 320.00	E	\$ 640	\$ 65	0.5	E	1.00	\$ 65	\$ 705
	Obstruction Light	2	0%	2	EA	\$ -	E	\$ -	\$ 65	1	E	2.00	\$ 130	\$ 130
	20' Pole (Size Assumed)	2	0%	2	EA	\$ -	E	\$ -	\$ 65	4	E	8.00	\$ 520	\$ 520
	3/4" X 10' Ground Rod	2	0%	2	EA	\$ 86.00	E	\$ 172	\$ 65	1	E	2.00	\$ 130	\$ 302
	Concrete Base	2	0%	2	EA	\$ -	E	\$ -	\$ 65	3	E	6.00	\$ 390	\$ 390
2	Emergency Battey Wall Pack	3	0%	3	EA	\$ -	E	\$ -	\$ 65	0.8	E	2.40	\$ 156	\$ 156
3	G: LED, LOW-BAY WITH GLASS LENS, LISTED FOR WET LOCATION, PENDANT MOUNTED., MAKE/MODEL: PXLW 5000LM MDU5FR MVOLT 40K 80CRI PM CNP165CDWWL CR SBGR1003V DWHXD, COOPER, PHILIPS	63	0%	63	EA	\$ -	E	\$ -	\$ 65	0.8	E	50.40	\$ 3,276	\$ 3,276
4	GH: LED GREENHOUSE GROW FIXTURES., MAKE/MODEL: REFER TO GREENHOUSE VENDERS DRAWINGS FOR ALL INFORMATION.	137	0%	137	EA	\$ -	E	\$ -	\$ 65	0.8	E	109.60	\$ 7,124	\$ 7,124
5	Z1: DECORATIVE LED WALL SCONCE, MAKE/MODEL: LITHONIA #WSQ LED-P2-40K-SR3XX, HE WILLIAMS, GENLYTE	6	0%	6	EA	\$ -	E	\$ -	\$ 65	0.8	E	4.80	\$ 312	\$ 312
LIGHTING FIXTURE ACCESSORIES														
1	Lighting Fixture Accessories	1	0%	1	LS	\$ 3,312.00	E	\$ 3,312	\$ 65	31.05	E	31.05	\$ 2,018	\$ 5,330
	Quotation For Lighting Fixtures & Lighting Controls (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS		E	\$ -	\$ 65		E	0.00	\$ -	\$ -
LOW VOLTAGE														
CONDUITS														
1	1" PVC SCH. 40 Conduit	400	10%	440	FT	\$ 61.02	C	\$ 268	\$ 65	4.2	C	18.48	\$ 1,201	\$ 1,470
	1" ELBOW 90 DEG - RMC - GALV	6	0%	6	EA	\$ 1,447.04	C	\$ 87	\$ 65	32	C	1.92	\$ 125	\$ 212
	1" LOCKNUT - STEEL	8	0%	8	EA	\$ 40.91	C	\$ 3	\$ 65	3.1	C	0.25	\$ 16	\$ 19
	1" COUPLING - PVC	40	0%	40	EA	\$ 32.69	C	\$ 13	\$ 65	0	C	0.00	\$ -	\$ 13
	1" ADAPTER FEM - PVC	8	0%	8	EA	\$ 120.62	C	\$ 10	\$ 65	12	C	0.96	\$ 62	\$ 72
CONDUCTOR														
1	12 Strand FO Cable	400	10%	440	LF	\$ 1,250.00	M	\$ 550	\$ 65	15	M	6.60	\$ 429	\$ 979
2	CAT6A UTP Cable	720	10%	792	FT	\$ 386.54	M	\$ 306	\$ 65	7.5	M	5.94	\$ 386	\$ 692
DEVICES														
1	CAT6A Patch Cords (5' Each)	6	0%	6	EA	\$ -	E	\$ -	\$ 65.00	0.15	E	0.90	\$ 59	\$ 59
2	Rack Mount Fiber Enclosures FCE1U	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	1.50	E	1.50	\$ 98	\$ 98
3	1C 10Gig/DM3/OM4 FAP loaded with six 1C 10Gig/Duplex Multimode Fiber Optic Adapters (Aqua) with zirconia ceramic split sleeves	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	0.35	E	0.70	\$ 46	\$ 46
4	Wall Mounted Cabinet	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	2.50	E	2.50	\$ 163	\$ 163
5	Horizontal Wire manager	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	0.65	E	1.30	\$ 85	\$ 85
6	24 Port CAT6A Panels Loaded	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	1.00	E	2.00	\$ 130	\$ 130
7	Telecommunications System Back Board 96"H x 3/4"D FireRetrdnt Plywood Back Board With (2) Coats Of Non-Conductive Fire Retradant Light Gray Paint	6	0%	6	FT	\$ 16.14	E	\$ 101.20	\$ 65.00	0.15	E	0.94	\$ 61	\$ 162
8	CCTV Camera, Wall Mount Dome WP	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	2.00	E	4.00	\$ 260	\$ 260
	12"X12"X4" Box With Low Voltage Divider Carlon E1212C24/E1212DIV	2	0%	2	EA	\$ 320.00	E	\$ 640.00	\$ 65.00	0.80	E	1.60	\$ 104	\$ 744
	Media Converter	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	0.20	E	0.40	\$ 26	\$ AB26

9	WP WAP	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	1.00	E	1.00	\$ 65	\$ 65
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 404.00	C	\$ 4.04	\$ 65.00	23	C	0.23	\$ 15	\$ 19
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 10.29	C	\$ 0.21	\$ 65.00	6	C	0.12	\$ 8	\$ 8
	#10x1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 13.91	C	\$ 0.28	\$ 65.00	3	C	0.06	\$ 4	\$ 4
	CAT6A, RJ-45 INSERTS, DATA GRADE, LEVEL 6 TYPE - EIA/TIA 568-A COMPLIANT	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	0.20	\$ 13	\$ 13
	Bezel Assembly	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	0.10	E	0.10	\$ 7	\$ 7
	Blank Plate	2	0%	2	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.06	\$ 4	\$ 4
	Faceplate	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	3.00	C	0.03	\$ 2	\$ 2
10	3/4" Conduit Sleeve	3	0%	3	EA	\$ 2.98	E	\$ 8.94	\$ 65.00	0.10	E	0.30	\$ 20	\$ 28
11	4" 3 Cell Innerduct	60	0%	60	FT	\$ 498.77	C	\$ 299.26	\$ 65.00	3.00	C	1.80	\$ 117	\$ 416
9	Allowance For Testing & Commissioning	1	0%	1	EA	\$ -	E	\$ -	\$ 65.00	20.00	E	20.00	\$ 1,300	\$ 1,300
	Quotation For low voltage (Please Add \$ Amount In Green Highlighted Cell)	1	0%	1	LS						E	0.00	\$ -	\$ -
MISCELLANEOUS														
1	WP J-Box	24	0%	24	EA	\$ 523.10	C	\$ 126	\$ 65	25	C	6.00	\$ 390	\$ 516
	WP BLANK COVER	24	0%	24	EA	\$ 446.32	C	\$ 107	\$ 65	2.5	C	0.60	\$ 39	\$ 146
	#8 TO #10 x 7/8 PLAS ANCHOR (3/16)	48	0%	48	EA	\$ 3.86	C	\$ 2	\$ 65	6	C	2.88	\$ 187	\$ 189
	#10x1 P/H SELF-TAP SCREW	48	0%	48	EA	\$ 13.91	C	\$ 7	\$ 65	3	C	1.44	\$ 94	\$ 100
	FIRESTOPPING													
1	Caulking Sealant	1	0%	1	LS	\$ 350.99	LS	\$ -	\$ 65.00	3.00	E	3.00	\$ 195	\$ 195
	TRENCHING & BACKFILLING													
1	Excavation & Backfilling (2' Deep x 2' Wide Trench) Including All Labor and Material/Equipment	1448	0%	1448	CFT	\$ 1.25	E	\$ 1,810	\$ 65	0.05	E	72.40	\$ 4,706	\$ 6,516
TOTAL MATERIAL COST													\$	121,679
TOTAL LABOR COST													\$	125,511
TOTAL LABOR HOURS														1,931
TOTAL COST													\$	247,190
OVERHEADS & PROFIT 25%													\$	61,798
SALES TAX 6%													\$	7,301
TOTAL BID													\$	316,289
SCOPE OF ESTIMATE:														
I	SUPPLY & INSTALL													
1	Demolition													
2	Distribution													
3	Power													
4	Lighting													
5	Fire Alarm													
6	Low Voltage													
7	Miscellaneous													
II	NOTES													
1	Material prices and labor hours are figured from the accubid database.													
2	Please add quotes from vendors for switchgear, lighting fixtures, lighting controls and low voltage 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	RGS conduit is considered for branch circuits in greenhouse area.													

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		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
2	Mobilization and Demobilization	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
3	Permit and Utility Fees	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
4	As Built Documents/Submittals	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
5	Arc Flash Study	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
6	Protection Devices Coordination Study	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
7	Testing and Commissioning	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
8	Tags & Directory	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
9	Lifts/Crane	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
10	Final Clean Up & Housekeeping	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
11	Core Drill	1	0%	1	LS		E	\$ -	\$ 65.00		E	0.00	\$ -	\$ -
TOTAL MATERIAL COST												\$	-	
TOTAL LABOR COST												\$	-	
TOTAL LABOR HOURS													0	
TOTAL COST												\$	-	
OVERHEADS & PROFIT												25%	\$	-
SALES TAX												6%	\$	-
TOTAL BID												\$	-	
SCOPE OF ESTIMATE:														
1	SUPPLY & INSTALL													
1	General Conditions													

ABLE ESTIMATING

