

PROJECT NAME: SAMPLE											TOTAL BID PRICE		\$ 250,310				
											ADD QUOTATION FOR LIGHTING FIXTURES, CONTROLS & SWITCHGEAR						
SR. NO.	DWG. NO.	DETAIL NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	MATERIAL COST	MANHOUR RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL COST			
DISTRIBUTION													\$ 65.00				
CONDUITS																	
1	E0.02 - E5.13		3 1/2" LFMC	40	0%	40	FT	\$ 33.47	\$ 1,338.88	\$ 65.00	0.18	7.30	\$ 474.24	\$ 1,813			
2	E0.02 - E5.13		3-1/2" CONDUIT - PVC40	204	0%	204	FT	\$ 7.75	\$ 1,581.00	\$ 65.00	0.10	19.99	\$ 1,299.48	\$ 2,880			
	E0.02 - E5.13		3-1/2" ELBOW 90 DEG - RMC - GALV	3	0%	3	EA	\$ 97.09	\$ 291.27	\$ 65.00	1.25	3.75	\$ 243.75	\$ 535			
	E0.02 - E5.13		3-1/2" LOCKNUT - STEEL	17	0%	17	EA	\$ 1.91	\$ 32.47	\$ 65.00	0.10	1.67	\$ 108.29	\$ 141			
	E0.02 - E5.13		3-1/2" COUPLING - PVC	25	0%	25	EA	\$ 2.09	\$ 52.31	\$ 65.00	0.06	1.50	\$ 97.50	\$ 150			
	E0.02 - E5.13		3-1/2" ADAPTER FEM - PVC	17	0%	17	EA	\$ 2.89	\$ 49.13	\$ 65.00	0.28	4.76	\$ 309.40	\$ 359			
3	E0.02 - E5.13		3 1/2" CONDUIT - RMC - GALV	24	0%	24	FT	\$ 32.40	\$ 777.49	\$ 65.00	0.16	3.96	\$ 257.09	\$ 1,035			
	E0.02 - E5.13		3 1/2" COUPLING - RMC - GALV	1	0%	1	EA	\$ 26.54	\$ 26.54	\$ 65.00	0.01	0.01	\$ 0.65	\$ 27			
	E0.02 - E5.13		3 1/2" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 97.09	\$ 97.09	\$ 65.00	1.25	1.25	\$ 81.12	\$ 178			
	E0.02 - E5.13		3 1/2" LOCKNUT - STEEL	4	0%	4	EA	\$ 1.91	\$ 7.64	\$ 65.00	0.09	0.36	\$ 23.50	\$ 31			
	E0.02 - E5.13		3 1/2" BUSHING - PLASTIC	2	0%	2	EA	\$ 1.30	\$ 2.60	\$ 65.00	0.08	0.15	\$ 9.78	\$ 12			
	E0.02 - E5.13		3 1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.52	0.52	\$ 33.80	\$ 34			
	E0.02 - E5.13		3 1/2" SPRING STL CONDUIT CLAMP W/ BOLT	3	0%	3	EA	\$ 2.14	\$ 6.41	\$ 65.00	0.14	0.43	\$ 27.77	\$ 34			
	E0.02 - E5.13		3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	3	0%	3	EA	\$ 0.72	\$ 2.15	\$ 65.00	0.10	0.29	\$ 18.72	\$ 21			
4	E0.02 - E5.13		3" CONDUIT - EMT	616	0%	616	FT	\$ 10.88	\$ 6,704.36	\$ 65.00	0.08	46.32	\$ 3,011.01	\$ 9,715			
	E0.02 - E5.13		3" ELBOW 90 DEG - EMT	7	0%	7	EA	\$ 41.77	\$ 292.36	\$ 65.00	0.48	3.36	\$ 218.40	\$ 511			
	E0.02 - E5.13		3" CONN SS STL - EMT	50	0%	50	EA	\$ 6.00	\$ 300.21	\$ 65.00	0.22	11.20	\$ 728.00	\$ 1,028			
	E0.02 - E5.13		3" COUPLING SS STL - EMT	62	0%	62	EA	\$ 4.70	\$ 291.65	\$ 65.00	0.10	5.95	\$ 386.88	\$ 679			
	E0.02 - E5.13		3" BUSHING - PLASTIC	50	0%	50	EA	\$ 1.18	\$ 58.80	\$ 65.00	0.07	3.36	\$ 218.40	\$ 277			
	E0.02 - E5.13		3" 1-H STRAP - RMC / EMT- STEEL	62	0%	62	EA	\$ 1.87	\$ 115.96	\$ 65.00	0.11	6.65	\$ 432.02	\$ 548			
	E0.02 - E5.13		3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	62	0%	62	EA	\$ 0.72	\$ 44.45	\$ 65.00	0.10	5.95	\$ 386.88	\$ 431			
5	E0.02 - E5.13		3" FLEX S	48	0%	48	FT	\$ 11.12	\$ 533.52	\$ 65.00	0.14	6.84	\$ 444.29	\$ 978			
6	E0.02 - E5.13		3" CONDUIT - RMC - GALV	24	0%	24	FT	\$ 24.38	\$ 585.17	\$ 65.00	0.14	3.26	\$ 212.16	\$ 797			
	E0.02 - E5.13		3" COUPLING - RMC - GALV	1	0%	1	EA	\$ 23.41	\$ 23.41	\$ 65.00	0.01	0.01	\$ 0.65	\$ 24			
	E0.02 - E5.13		3" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 74.35	\$ 74.35	\$ 65.00	1.00	1.00	\$ 65.00	\$ 139			
	E0.02 - E5.13		3" LOCKNUT - STEEL	4	0%	4	EA	\$ 1.40	\$ 5.58	\$ 65.00	0.08	0.31	\$ 20.38	\$ 26			
	E0.02 - E5.13		3" BUSHING - PLASTIC	2	0%	2	EA	\$ 1.18	\$ 2.35	\$ 65.00	0.07	0.13	\$ 8.74	\$ 11			
	E0.02 - E5.13		3" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.43	0.43	\$ 28.08	\$ 28			
	E0.02 - E5.13		3" SPRING STL CONDUIT CLAMP W/ BOLT	3	0%	3	EA	\$ 1.69	\$ 5.08	\$ 65.00	0.12	0.36	\$ 23.40	\$ 28			
	E0.02 - E5.13		3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	3	0%	3	EA	\$ 0.72	\$ 2.15	\$ 65.00	0.10	0.29	\$ 18.72	\$ 21			
7	E0.02 - E5.13		2 1/2" CONDUIT - EMT	33	0%	33	FT	\$ 7.79	\$ 257.20	\$ 65.00	0.07	2.19	\$ 142.43	\$ 400			
	E0.02 - E5.13		2 1/2" ELBOW 90 DEG - EMT	1	0%	1	EA	\$ 24.96	\$ 24.96	\$ 65.00	0.40	0.40	\$ 26.00	\$ 51			
	E0.02 - E5.13		2 1/2" CONN SS STL - EMT	3	0%	3	EA	\$ 5.03	\$ 15.10	\$ 65.00	0.19	0.58	\$ 37.44	\$ 53			
	E0.02 - E5.13		2 1/2" COUPLING SS STL - EMT	4	0%	4	EA	\$ 4.17	\$ 16.68	\$ 65.00	0.09	0.35	\$ 22.88	\$ 40			
	E0.02 - E5.13		2 1/2" BUSHING - PLASTIC	3	0%	3	EA	\$ 1.04	\$ 3.13	\$ 65.00	0.06	0.17	\$ 10.92	\$ 14			
	E0.02 - E5.13		2 1/2" 1-H STRAP - RMC / EMT- STEEL	4	0%	4	EA	\$ 1.68	\$ 6.73	\$ 65.00	0.09	0.36	\$ 23.30	\$ 30			
	E0.02 - E5.13		3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	4	0%	4	EA	\$ 0.72	\$ 2.87	\$ 65.00	0.10	0.38	\$ 24.96	\$ 28			
8	E0.02 - E5.13		2 1/2" CONDUIT - RMC - GALV	10	0%	10	FT	\$ 23.04	\$ 230.44	\$ 65.00	0.11	1.10	\$ 71.76	\$ 302			
	E0.02 - E5.13		2 1/2" COUPLING - RMC - GALV	1	0%	1	EA	\$ 16.42	\$ 16.42	\$ 65.00	0.01	0.01	\$ 0.65	\$ 17			
	E0.02 - E5.13		2 1/2" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 50.76	\$ 50.76	\$ 65.00	0.76	0.76	\$ 49.40	\$ 100			
	E0.02 - E5.13		2 1/2" LOCKNUT - STEEL	2	0%	2	EA	\$ 1.15	\$ 2.30	\$ 65.00	0.07	0.14	\$ 8.84	\$ 11			
	E0.02 - E5.13		2 1/2" BUSHING - PLASTIC	1	0%	1	EA	\$ 1.04	\$ 1.04	\$ 65.00	0.06	0.06	\$ 3.64	\$ 5			
	E0.02 - E5.13		2 1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.35	0.35	\$ 22.62	\$ 23			
	E0.02 - E5.13		2 1/2" SPRING STL CONDUIT CLAMP W/ BOLT	2	0%	2	EA	\$ 1.50	\$ 3.00	\$ 65.00	0.10	0.20	\$ 12.90	\$ 16			
	E0.02 - E5.13		3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	2	0%	2	EA	\$ 0.72	\$ 1.43	\$ 65.00	0.10	0.19	\$ 12.48	\$ 14			
CONDUCTORS																	
1	E0.02 - E5.13		#500 THW	1072	0%	1072	FT	\$ 13.33	\$ 14,294.96	\$ 65.00	0.04	41.59	\$ 2,703.58	\$ 16,999			
2	E0.02 - E5.13		#250 THHN	2788	0%	2788	FT	\$ 6.01	\$ 16,745.09	\$ 65.00	0.02	53.98	\$ 3,508.42	\$ 20,254			
3	E0.02 - E5.13		#250 THW	96	0%	96	FT	\$ 6.61	\$ 634.25	\$ 65.00	0.02	2.32	\$ 151.01	\$ 785			
4	E0.02 - E5.13		#1 THHN	24	0%	24	FT	\$ 2.18	\$ 52.36	\$ 65.00	0.02	0.36	\$ 23.46	\$ 76			
5	E0.02 - E5.13		#4 THHN	10	0%	10	FT	\$ 1.24	\$ 12.36	\$ 65.00	0.01	0.08	\$ 5.30	\$ 18			

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GROUNDING															
1	E0.02 - E5.13		#3/0 BARE COPPER - 19-STRAND	55	0%	55	FT	\$ 3.53	\$ 194.35	\$ 65.00	0.02	1.32	\$ 85.80	\$ 280	
2	E0.02 - E5.13		#1/0 BARE COPPER - 19-STRAND	12	0%	12	FT	\$ 2.39	\$ 28.72	\$ 65.00	0.02	0.22	\$ 14.04	\$ 43	
3	E0.02 - E5.13		# 2 BARE COPPER - 7-STRAND	16	0%	16	FT	\$ 1.63	\$ 26.00	\$ 65.00	0.01	0.22	\$ 14.56	\$ 41	
4	E0.02 - E5.13		# 4 BARE COPPER - 7-STRAND	15	0%	15	FT	\$ 1.03	\$ 15.47	\$ 65.00	0.01	0.18	\$ 11.60	\$ 27	
5	E0.02 - E5.13		# 6 BARE COPPER - 7-STRAND	30	0%	30	FT	\$ 0.64	\$ 19.12	\$ 65.00	0.01	0.31	\$ 19.89	\$ 39	
6	E0.02 - E5.13		GROUND ROD, 3/4" DIA X 10' LONG	2	0%	2	EA	\$ 44.00	\$ 88.00	\$ 65.00	0.40	0.80	\$ 52.00	\$ 140	
DISCONNECTS - HEAVY-DUTY, QUICK-MAKE-QUICK-BREAK, PAD-LOCKING															
1	E0.02 - E5.13		30A/1P DISCONNECT SWITCH NON FUSED NEMA 1	3	0%	3	EA	\$ -	\$ -	\$ 65.00	1.00	3.00	\$ 195.00	\$ 195	
2	E0.02 - E5.13		30A/1P DISCONNECT SWITCH NON FUSED NEMA 3R	2	0%	2	EA	\$ -	\$ -	\$ 65.00	1.10	2.20	\$ 143.00	\$ 143	
3	E0.02 - E5.13		30A/2P DISCONNECT SWITCH FUSED NEMA 1, WITH CLASS RK5 FUSES AND (1) SPARE SET OF FUSES	1	0%	1	EA	\$ -	\$ -	\$ 65.00	1.10	1.10	\$ 71.50	\$ 72	
4	E0.02 - E5.13		30A/2P DISCONNECT SWITCH NON FUSED NEMA 1	1	0%	1	EA	\$ -	\$ -	\$ 65.00	1.00	1.00	\$ 65.00	\$ 65	
5	E0.02 - E5.13		30A/2P DISCONNECT SWITCH NON FUSED NEMA 3R	15	0%	15	EA	\$ -	\$ -	\$ 65.00	1.10	16.50	\$ 1,072.50	\$ 1,073	
6	E0.02 - E5.13		30A/3P DISCONNECT SWITCH NON FUSED NEMA 1	1	0%	1	EA	\$ -	\$ -	\$ 65.00	1.00	1.00	\$ 65.00	\$ 65	
7	E0.02 - E5.13		60A/3P DISCONNECT SWITCH NON FUSED NEMA 1	2	0%	2	EA	\$ -	\$ -	\$ 65.00	1.40	2.80	\$ 182.00	\$ 182	
8	E0.02 - E5.13		60A/3P DISCONNECT SWITCH NON FUSED NEMA 3R	1	0%	1	EA	\$ -	\$ -	\$ 65.00	1.60	1.60	\$ 104.00	\$ 104	
9	E0.02 - E5.13		100A/2P DISCONNECT SWITCH NON FUSED NEMA 1	1	0%	1	EA	\$ -	\$ -	\$ 65.00	1.90	1.90	\$ 123.50	\$ 124	
10	E0.02 - E5.13		400AT/3P/400AF DISCONNECT SWITCH FUSED NEMA 1R, 65 KAIC, WITH CLASS RK1/L FUSES AND (1) SPARE SET OF FUSES	3	0%	3	EA	\$ -	\$ -	\$ 65.00	4.20	12.60	\$ 819.00	\$ 819	
BREAKERS - SQUARE D, THERMAL MAGNETIC, MOLDED CASE, QUICK-MAKE-QUICK-BREAK															
1	E0.02 - E5.13		15A/1P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.15	0.15	\$ 9.75	\$ 10	
2	E0.02 - E5.13		15A/2P CIRCUIT BREAKER HACR, WITH LOCK	12	0%	12	EA	\$ -	\$ -	\$ 65.00	0.20	2.40	\$ 156.00	\$ 156	
3	E0.02 - E5.13		20A/1P CIRCUIT BREAKER	130	0%	130	EA	\$ -	\$ -	\$ 65.00	0.15	19.50	\$ 1,267.50	\$ 1,268	
4	E0.02 - E5.13		20A/1P CIRCUIT BREAKER SWD	14	0%	14	EA	\$ -	\$ -	\$ 65.00	0.20	2.80	\$ 182.00	\$ 182	
5	E0.02 - E5.13		20A/1P CIRCUIT BREAKER SWD, WITH LOCK	2	0%	2	EA	\$ -	\$ -	\$ 65.00	0.20	0.40	\$ 26.00	\$ 26	
6	E0.02 - E5.13		20A/1P CIRCUIT BREAKER, WITH LOCK	3	0%	3	EA	\$ -	\$ -	\$ 65.00	0.20	0.60	\$ 39.00	\$ 39	
7	E0.02 - E5.13		20A/2P CIRCUIT BREAKER	3	0%	3	EA	\$ -	\$ -	\$ 65.00	0.25	0.75	\$ 48.75	\$ 49	
8	E0.02 - E5.13		20A/2P CIRCUIT BREAKER HACR, WITH LOCK	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.30	0.30	\$ 19.50	\$ 20	
9	E0.02 - E5.13		20A/2P CIRCUIT BREAKER, WITH LOCK	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.30	0.30	\$ 19.50	\$ 20	
10	E0.02 - E5.13		20A/3P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.40	0.40	\$ 26.00	\$ 26	
11	E0.02 - E5.13		25A/2P CIRCUIT BREAKER HACR, WITH LOCK	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.30	0.30	\$ 19.50	\$ 20	
12	E0.02 - E5.13		30A/1P CIRCUIT BREAKER	2	0%	2	EA	\$ -	\$ -	\$ 65.00	0.15	0.30	\$ 19.50	\$ 20	
13	E0.02 - E5.13		30A/2P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.25	0.25	\$ 16.25	\$ 16	
14	E0.02 - E5.13		30A/2P CIRCUIT BREAKER HACR, WITH LOCK	2	0%	2	EA	\$ -	\$ -	\$ 65.00	0.30	0.60	\$ 39.00	\$ 39	
15	E0.02 - E5.13		40A/3P CIRCUIT BREAKER HACR, WITH LOCK	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.45	0.45	\$ 29.25	\$ 29	
16	E0.02 - E5.13		60A/3P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.40	0.40	\$ 26.00	\$ 26	
17	E0.02 - E5.13		60A/3P CIRCUIT BREAKER HACR, WITH LOCK	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.45	0.45	\$ 29.25	\$ 29	
18	E0.02 - E5.13		100A/2P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.40	0.40	\$ 26.00	\$ 26	
19	E0.02 - E5.13		200A MAIN CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.55	0.55	\$ 35.75	\$ 36	
20	E0.02 - E5.13		200A/3P CIRCUIT BREAKER FEED THROUGH	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.50	0.50	\$ 32.50	\$ 33	
21	E0.02 - E5.13		400A MAIN CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.65	0.65	\$ 42.25	\$ 42	
PANELS - SQUARE D															
1	E0.02 - E5.13		PANEL BP1, 400A MLO, 120/208V, 3PH, 4W, 65KAIC, NEMA 1, SURFACE MOUNTED	1	0%	1	EA	\$ -	\$ -	\$ 65.00	5.00	5.00	\$ 325.00	\$ 325	
2	E0.02 - E5.13		PANEL BP2, 200A MLO, 120/208V, 3PH, 4W, 65KAIC, NEMA 1, SURFACE MOUNTED	1	0%	1	EA	\$ -	\$ -	\$ 65.00	4.00	4.00	\$ 260.00	\$ 260	
3	E0.02 - E5.13		PANEL HP, 200A MCB, 120/208V, 3PH, 4W, 65KAIC, NEMA 1, SURFACE MOUNTED	1	0%	1	EA	\$ -	\$ -	\$ 65.00	4.00	4.00	\$ 260.00	\$ 260	

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4	E0.02 - E5.13		PANEL VP, 200A MLO, 120/208V, 3PH, 4W, 65KAIC, NEMA 1, SURFACE MOUNTED	1	0%	1	EA		\$ -	\$ 65.00	4.00	4.00	\$ 260.00	\$ 260	
5	E0.02 - E5.13		PANEL WP, 400A MCB, 120/208V, 3PH, 4W, 65KAIC, NEMA 1, SURFACE MOUNTED	1	0%	1	EA		\$ -	\$ 65.00	5.00	5.00	\$ 325.00	\$ 325	
EQUIPMENT															
1	E0.02 - E5.13		9" X 7" WIRE THROUGH	1	0%	1	EA	\$ 255.00	\$ 255.00	\$ 65.00	1.50	1.50	\$ 97.50	\$ 353	
2	E0.02 - E5.13		CT CABINET, 1200A, 120/208V, 3PH, 4W, NEMA 3R	1	0%	1	EA		\$ -	\$ 65.00	4.00	4.00	\$ 260.00	\$ 260	
3	E0.02 - E5.13		PRIVATE METER FOR 200A PANEL VP, NEMA 1R	1	0%	1	EA		\$ -	\$ 65.00	2.00	2.00	\$ 130.00	\$ 130	
4	E0.02 - E5.13		PRIVATE METER FOR 400A PANEL BP-1, NEMA 1R	1	0%	1	EA		\$ -	\$ 65.00	3.00	3.00	\$ 195.00	\$ 195	
5	E0.02 - E5.13		PRIVATE METER FOR 400A PANEL WP, NEMA 1R	1	0%	1	EA		\$ -	\$ 65.00	3.00	3.00	\$ 195.00	\$ 195	
MISCELLANEOUS															
1	E0.02 - E5.13		SAWCUTTING AND PATCHING	32	0%	32	FT	\$ 3.00	\$ 96.00	\$ 65.00	0.10	3.20	\$ 208.00	\$ 304	
2	E0.02 - E5.13		TRENCHING AND BACKFILLING	94	0%	94	FT	\$ 2.00	\$ 188.00	\$ 65.00	0.10	9.40	\$ 611.00	\$ 799	
											QUOTATION FOR SWITCHGEAR				
								SUBTOTAL MATERIAL		\$ 46,586.12		SUBTOTAL LABOR		\$ 24,324.22	
													\$ 70,910		
BRANCH WIRING															
CONDUITS - LIGHTING															
1	E0.02 - E5.13		3/4" CONDUIT - EMT	4970	0%	4970	FT	\$ 1.46	\$ 7,251.23	\$ 65.00	0.03	127.23	\$ 8,270.08	\$ 15,521	
	E0.02 - E5.13		3/4" CONN SS STL - EMT	398	0%	398	EA	\$ 0.25	\$ 97.99	\$ 65.00	0.08	31.84	\$ 2,069.60	\$ 2,168	
	E0.02 - E5.13		3/4" COUPLING SS STL - EMT	497	0%	497	EA	\$ 0.31	\$ 151.59	\$ 65.00	0.03	15.90	\$ 1,033.76	\$ 1,185	
	E0.02 - E5.13		3/4" 1-H STRAP - EMT - STEEL	740	0%	740	EA	\$ 0.08	\$ 60.98	\$ 65.00	0.04	31.97	\$ 2,077.92	\$ 2,139	
2	E0.02 - E5.13		3/4" CONDUIT - RMC - GALV	10	0%	10	FT	\$ 3.94	\$ 39.35	\$ 65.00	0.04	0.40	\$ 26.00	\$ 65	
	E0.02 - E5.13		3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.16	0.16	\$ 10.40	\$ 10	
	E0.02 - E5.13		3/4" 1-H STRAP - RMC - MALL	3	0%	3	EA	\$ 1.77	\$ 5.31	\$ 65.00	0.04	0.13	\$ 8.42	\$ 14	
	E0.02 - E5.13		4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	1	0%	1	EA	\$ 52.38	\$ 52.38	\$ 65.00	0.36	0.36	\$ 23.40	\$ 76	
	E0.02 - E5.13		COVER ROUND BLANK - CI	1	0%	1	EA	\$ 13.82	\$ 13.82	\$ 65.00	0.05	0.05	\$ 3.12	\$ 17	
	E0.02 - E5.13		#8 TO #10x 7/8 PLAS ANCHOR (3/16)	4	0%	4	EA	\$ 0.03	\$ 0.12	\$ 65.00	0.05	0.19	\$ 12.48	\$ 13	
	E0.02 - E5.13		#10x 1 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 0.06	\$ 0.23	\$ 65.00	0.02	0.10	\$ 6.24	\$ 6	
CONDUCTORS - LIGHTING															
1	E0.02 - E5.13		#12 THHN SOLID	2163	0%	2163	FT	\$ 0.18	\$ 381.75	\$ 65.00	0.00	9.34	\$ 607.37	\$ 989	
2	E0.02 - E5.13		#12 THW SOLID	15	0%	15	FT	\$ 0.19	\$ 2.91	\$ 65.00	0.01	0.08	\$ 5.27	\$ 8	
3	E0.02 - E5.13		#14 THHN	8498	0%	8498	FT	\$ 0.13	\$ 1,104.74	\$ 65.00	0.00	32.29	\$ 2,099.01	\$ 3,204	
4	E0.02 - E5.13		#12/3C SOLID MC	6152	0%	6152	FT	\$ 1.25	\$ 7,711.59	\$ 65.00	0.02	116.89	\$ 7,597.72	\$ 15,309	
CONDUITS - POWER															
1	E0.02 - E5.13		1 1/2" CONDUIT - EMT	82	0%	82	FT	\$ 4.95	\$ 406.11	\$ 65.00	0.05	3.88	\$ 252.43	\$ 659	
	E0.02 - E5.13		1 1/2" ELBOW 90 DEG - EMT	1	0%	1	EA	\$ 9.07	\$ 9.07	\$ 65.00	0.32	0.32	\$ 20.80	\$ 30	
	E0.02 - E5.13		1 1/2" CONN SS STL - EMT	7	0%	7	EA	\$ 1.16	\$ 8.15	\$ 65.00	0.14	0.95	\$ 61.88	\$ 70	
	E0.02 - E5.13		1 1/2" COUPLING SS STL - EMT	9	0%	9	EA	\$ 1.37	\$ 12.35	\$ 65.00	0.06	0.58	\$ 37.44	\$ 50	
	E0.02 - E5.13		1 1/2" BUSHING - PLASTIC	7	0%	7	EA	\$ 0.28	\$ 1.98	\$ 65.00	0.04	0.29	\$ 18.93	\$ 21	
	E0.02 - E5.13		1 1/2" 1-H STRAP - EMT - STEEL	9	0%	9	EA	\$ 1.50	\$ 13.46	\$ 65.00	0.06	0.56	\$ 36.50	\$ 50	
	E0.02 - E5.13		1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	9	0%	9	EA	\$ 0.43	\$ 3.83	\$ 65.00	0.06	0.58	\$ 37.44	\$ 41	
2	E0.02 - E5.13		1 1/2" C FLEX S	10	0%	10	FT	\$ 4.71	\$ 47.08	\$ 65.00	0.08	0.79	\$ 51.48	\$ 99	
3	E0.02 - E5.13		1 1/4" CONDUIT - EMT	115	0%	115	FT	\$ 4.27	\$ 490.62	\$ 65.00	0.04	4.32	\$ 281.06	\$ 772	

PROJECT NAME: SAMPLE											TOTAL BID PRICE		\$ 250,310		
											ADD QUOTATION FOR LIGHTING FIXTURES, CONTROLS & SWITCHGEAR				
SR. NO.	DWG. NO.	DETAIL NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	MATERIAL COST	MANHOUR RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL COST	
	E0.02 - E5.13		1 1/4" CONN SS STL - EMT	5	0%	5	EA	\$ 0.81	\$ 4.03	\$ 65.00	0.11	0.56	\$ 36.40	\$ 40	
	E0.02 - E5.13		1 1/4" COUPLING SS STL - EMT	12	0%	12	EA	\$ 0.98	\$ 11.79	\$ 65.00	0.05	0.62	\$ 40.56	\$ 52	
	E0.02 - E5.13		1 1/4" BUSHING - PLASTIC	10	0%	10	EA	\$ 0.22	\$ 2.20	\$ 65.00	0.03	0.31	\$ 20.28	\$ 22	
	E0.02 - E5.13		1 1/4" 1-H STRAP - EMT - STEEL	12	0%	12	EA	\$ 0.25	\$ 3.03	\$ 65.00	0.06	0.67	\$ 43.68	\$ 47	
	E0.02 - E5.13		1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	12	0%	12	EA	\$ 0.43	\$ 5.11	\$ 65.00	0.06	0.77	\$ 49.92	\$ 55	
4	E0.02 - E5.13		1 1/4"C FLEX S	10	0%	10	FT	\$ 2.69	\$ 26.91	\$ 65.00	0.06	0.62	\$ 40.56	\$ 67	
5	E0.02 - E5.13		1" CONDUIT - EMT	93	0%	93	FT	\$ 2.55	\$ 237.48	\$ 65.00	0.03	3.01	\$ 195.86	\$ 433	
	E0.02 - E5.13		1" CONN SS STL - EMT	8	0%	8	EA	\$ 0.41	\$ 3.31	\$ 65.00	0.10	0.77	\$ 49.92	\$ 53	
	E0.02 - E5.13		1" COUPLING SS STL - EMT	10	0%	10	EA	\$ 0.47	\$ 4.73	\$ 65.00	0.04	0.40	\$ 26.00	\$ 31	
	E0.02 - E5.13		1" 1-H STRAP - EMT - STEEL	15	0%	15	EA	\$ 0.23	\$ 3.42	\$ 65.00	0.05	0.71	\$ 46.02	\$ 49	
6	E0.02 - E5.13		1"C FLEX S	10	0%	10	FT	\$ 2.22	\$ 22.22	\$ 65.00	0.04	0.40	\$ 25.74	\$ 48	
7	E0.02 - E5.13		1"C LFMC	10	0%	10	FT	\$ 3.60	\$ 35.96	\$ 65.00	0.05	0.47	\$ 30.68	\$ 67	
8	E0.02 - E5.13		1" CONDUIT - PVC40	118	0%	118	FT	\$ 1.53	\$ 180.78	\$ 65.00	0.03	3.96	\$ 257.71	\$ 438	
	E0.02 - E5.13		1" ELBOW 90 DEG - RMC - GALV	2	0%	2	EA	\$ 10.19	\$ 20.37	\$ 65.00	0.26	0.51	\$ 33.28	\$ 54	
	E0.02 - E5.13		1" LOCKNUT - STEEL	10	0%	10	EA	\$ 0.19	\$ 1.87	\$ 65.00	0.02	0.25	\$ 16.12	\$ 18	
	E0.02 - E5.13		1" COUPLING - PVC	15	0%	15	EA	\$ 0.27	\$ 4.02	\$ 65.00	0.02	0.30	\$ 19.50	\$ 24	
	E0.02 - E5.13		1" ADAPTER FEM - PVC	10	0%	10	EA	\$ 0.46	\$ 4.57	\$ 65.00	0.10	0.96	\$ 62.40	\$ 67	
9	E0.02 - E5.13		1" CONDUIT - RMC - GALV	10	0%	10	FT	\$ 5.95	\$ 59.50	\$ 65.00	0.05	0.50	\$ 32.24	\$ 92	
	E0.02 - E5.13		1" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 65.00	0.18	0.18	\$ 11.70	\$ 12	
	E0.02 - E5.13		1" 1-H STRAP - RMC - MALL	3	0%	3	EA	\$ 2.48	\$ 7.44	\$ 65.00	0.05	0.14	\$ 9.20	\$ 17	
	E0.02 - E5.13		4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 1" HUBS - CI	1	0%	1	EA	\$ 55.47	\$ 55.47	\$ 65.00	0.38	0.38	\$ 24.96	\$ 80	
	E0.02 - E5.13		COVER ROUND BLANK - CI	1	0%	1	EA	\$ 13.82	\$ 13.82	\$ 65.00	0.05	0.05	\$ 3.12	\$ 17	
	E0.02 - E5.13		#8 TO #10x 7/8 PLAS ANCHOR (3/16)	3	0%	3	EA	\$ 0.03	\$ 0.09	\$ 65.00	0.05	0.14	\$ 9.36	\$ 9	
	E0.02 - E5.13		#10x 1 P/H SELF-TAP SCREW	3	0%	3	EA	\$ 0.06	\$ 0.17	\$ 65.00	0.02	0.07	\$ 4.68	\$ 5	
10	E0.02 - E5.13		3/4" CONDUIT - EMT	9287	0%	9287	FT	\$ 1.46	\$ 13,549.73	\$ 65.00	0.03	237.75	\$ 15,453.57	\$ 29,003	
	E0.02 - E5.13		3/4" CONN SS STL - EMT	743	0%	743	EA	\$ 0.25	\$ 182.93	\$ 65.00	0.08	59.44	\$ 3,863.60	\$ 4,047	
	E0.02 - E5.13		3/4" COUPLING SS STL - EMT	929	0%	929	EA	\$ 0.31	\$ 283.35	\$ 65.00	0.03	29.73	\$ 1,932.32	\$ 2,216	
	E0.02 - E5.13		3/4" 1-H STRAP - EMT - STEEL	1382	0%	1382	EA	\$ 0.08	\$ 113.88	\$ 65.00	0.04	59.70	\$ 3,880.66	\$ 3,995	
11	E0.02 - E5.13		3/4"C FLEX S	80	0%	80	FT	\$ 1.24	\$ 99.06	\$ 65.00	0.03	2.50	\$ 162.24	\$ 261	
12	E0.02 - E5.13		3/4"C LFMC	85	0%	85	FT	\$ 2.00	\$ 169.84	\$ 65.00	0.04	3.37	\$ 218.79	\$ 389	
13	E0.02 - E5.13		3/4" CONDUIT - RMC - GALV	105	0%	105	FT	\$ 3.94	\$ 413.21	\$ 65.00	0.04	4.20	\$ 273.00	\$ 686	
	E0.02 - E5.13		3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	5	0%	5	EA	\$ -	\$ -	\$ 65.00	0.16	0.80	\$ 52.00	\$ 52	
	E0.02 - E5.13		3/4" 1-H STRAP - RMC - MALL	17	0%	17	EA	\$ 1.77	\$ 30.10	\$ 65.00	0.04	0.73	\$ 47.74	\$ 78	
	E0.02 - E5.13		4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	5	0%	5	EA	\$ 52.38	\$ 261.90	\$ 65.00	0.36	1.80	\$ 117.00	\$ 379	
	E0.02 - E5.13		COVER ROUND BLANK - CI	5	0%	5	EA	\$ 13.82	\$ 69.10	\$ 65.00	0.05	0.24	\$ 15.60	\$ 85	
	E0.02 - E5.13		#8 TO #10x 7/8 PLAS ANCHOR (3/16)	25	0%	25	EA	\$ 0.03	\$ 0.73	\$ 65.00	0.05	1.20	\$ 78.00	\$ 79	
	E0.02 - E5.13		#10x 1 P/H SELF-TAP SCREW	25	0%	25	EA	\$ 0.06	\$ 1.44	\$ 65.00	0.02	0.60	\$ 39.00	\$ 40	
CONDUCTORS - POWER															
1	E0.02 - E5.13		#3 THHN	346	0%	346	FT	\$ 1.56	\$ 539.29	\$ 65.00	0.01	3.29	\$ 214.10	\$ 753	
2	E0.02 - E5.13		#6 THHN	582	0%	582	FT	\$ 0.83	\$ 480.29	\$ 65.00	0.01	4.14	\$ 269.35	\$ 750	
3	E0.02 - E5.13		#6 THW	40	0%	40	FT	\$ 0.91	\$ 36.31	\$ 65.00	0.01	0.36	\$ 23.14	\$ 59	
4	E0.02 - E5.13		#8 THHN	380	0%	380	FT	\$ 0.54	\$ 203.83	\$ 65.00	0.01	2.13	\$ 138.32	\$ 342	
5	E0.02 - E5.13		#10 THHN SOLID	2485	0%	2485	FT	\$ 0.28	\$ 686.08	\$ 65.00	0.00	12.33	\$ 801.16	\$ 1,487	
6	E0.02 - E5.13		#10 THW SOLID	90	0%	90	FT	\$ 0.30	\$ 27.33	\$ 65.00	0.01	0.56	\$ 36.27	\$ 64	
7	E0.02 - E5.13		#12 THHN SOLID	21425	0%	21425	FT	\$ 0.18	\$ 3,781.30	\$ 65.00	0.00	92.56	\$ 6,016.14	\$ 9,797	
8	E0.02 - E5.13		#12 THW SOLID	624	0%	624	FT	\$ 0.19	\$ 121.14	\$ 65.00	0.01	3.37	\$ 219.02	\$ 340	
9	E0.02 - E5.13		#14 THHN SOLID	7206	0%	7206	FT	\$ 0.12	\$ 861.12	\$ 65.00	0.00	26.52	\$ 1,723.68	\$ 2,585	
10	E0.02 - E5.13		#14 THW SOLID	392	0%	392	FT	\$ 0.13	\$ 51.53	\$ 65.00	0.00	1.80	\$ 117.21	\$ 169	
11	E0.02 - E5.13		#12/3C SOLID MC	1261	0%	1261	FT	\$ 1.25	\$ 1,580.68	\$ 65.00	0.02	23.96	\$ 1,557.34	\$ 3,138	
								SUBTOTAL MATERIAL	\$ 42,119.07	SUBTOTAL LABOR	\$ 62,987.88				\$ 105,107
WIRING DEVICES															

PROJECT NAME: SAMPLE											TOTAL BID PRICE		\$ 250,310	
											ADD QUOTATION FOR LIGHTING FIXTURES, CONTROLS & SWITCHGEAR			
SR. NO.	DWG. NO.	DETAIL NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	MATERIAL COST	MANHOUR RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL COST
DEVICES														
1	E0.02 - E5.13		BUCK-BOOST TRANSFORMER	4	0%	4	EA	\$ 320.00	\$ 1,280.00	\$ 65.00	2.00	8.00	\$ 520.00	\$ 1,800
2	E0.02 - E5.13		QUAD RECEPTACLE	1	0%	1	EA	\$ 39.36	\$ 39.36	\$ 65.00	0.32	0.32	\$ 20.80	\$ 60
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 1.00	\$ 1.00	\$ 65.00	0.18	0.18	\$ 11.96	\$ 13
	E0.02 - E5.13		4" SQ 2G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 0.92	\$ 0.92	\$ 65.00	0.02	0.02	\$ 1.30	\$ 2
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 0.35	\$ 0.35	\$ 65.00	0.02	0.02	\$ 1.56	\$ 2
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 0.06	\$ 0.12	\$ 65.00	0.02	0.04	\$ 2.91	\$ 3
	E0.02 - E5.13		2G DUPLEX REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 0.70	\$ 0.70	\$ 65.00	0.03	0.03	\$ 2.03	\$ 3
3	E0.02 - E5.13		CEILING MOUNTED DUPLEX RECEPTACLE	1	0%	1	EA	\$ 15.81	\$ 15.81	\$ 65.00	0.16	0.16	\$ 10.40	\$ 26
4	E0.02 - E5.13		FLOOR BOX W/ DUPLEX RECEPTACLE	3	0%	3	EA	\$ 275.00	\$ 825.00	\$ 65.00	1.20	3.60	\$ 234.00	\$ 1,059
5	E0.02 - E5.13		DUPLEX RECEPTACLE	44	0%	44	EA	\$ 15.81	\$ 695.64	\$ 65.00	0.16	7.04	\$ 457.60	\$ 1,153
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	44	0%	44	EA	\$ 1.00	\$ 43.89	\$ 65.00	0.18	8.10	\$ 526.24	\$ 570
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	44	0%	44	EA	\$ 0.59	\$ 26.09	\$ 65.00	0.02	0.88	\$ 57.20	\$ 83
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	44	0%	44	EA	\$ 0.35	\$ 15.36	\$ 65.00	0.02	1.06	\$ 68.64	\$ 84
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	88	0%	88	EA	\$ 0.06	\$ 5.08	\$ 65.00	0.02	1.97	\$ 128.13	\$ 133
	E0.02 - E5.13		1G DUPLEX REC PLATE - PLASTIC IVY	44	0%	44	EA	\$ 0.33	\$ 14.52	\$ 65.00	0.02	0.95	\$ 61.78	\$ 76
6	E0.02 - E5.13		DUPLEX RECEPTACLE GFCI	37	0%	37	EA	\$ 26.72	\$ 988.64	\$ 65.00	0.20	7.40	\$ 481.00	\$ 1,470
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	37	0%	37	EA	\$ 1.00	\$ 36.91	\$ 65.00	0.18	6.81	\$ 442.52	\$ 479
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	37	0%	37	EA	\$ 0.59	\$ 21.94	\$ 65.00	0.02	0.74	\$ 48.10	\$ 70
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	37	0%	37	EA	\$ 0.35	\$ 12.92	\$ 65.00	0.02	0.89	\$ 57.72	\$ 71
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	74	0%	74	EA	\$ 0.06	\$ 4.27	\$ 65.00	0.02	1.66	\$ 107.74	\$ 112
	E0.02 - E5.13		1G DUPLEX REC PLATE - PLASTIC IVY	37	0%	37	EA	\$ 0.33	\$ 12.21	\$ 65.00	0.02	0.80	\$ 51.95	\$ 64
7	E0.02 - E5.13		DUPLEX RECEPTACLE GFCI, WITH USB PORTS	1	0%	1	EA	\$ 30.69	\$ 30.69	\$ 65.00	0.24	0.24	\$ 15.60	\$ 46
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 1.00	\$ 1.00	\$ 65.00	0.18	0.18	\$ 11.96	\$ 13
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 0.59	\$ 0.59	\$ 65.00	0.02	0.02	\$ 1.30	\$ 2
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 0.35	\$ 0.35	\$ 65.00	0.02	0.02	\$ 1.56	\$ 2
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 0.06	\$ 0.12	\$ 65.00	0.02	0.04	\$ 2.91	\$ 3
	E0.02 - E5.13		1G DUPLEX REC PLATE - PLASTIC IVY	1	0%	1	EA	\$ 0.33	\$ 0.33	\$ 65.00	0.02	0.02	\$ 1.40	\$ 2
8	E0.02 - E5.13		DUPLEX RECEPTACLE GFCI WP	2	0%	2	EA	\$ 26.72	\$ 53.44	\$ 65.00	0.20	0.40	\$ 26.00	\$ 79
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 1.00	\$ 2.00	\$ 65.00	0.18	0.37	\$ 23.92	\$ 26
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 0.59	\$ 1.19	\$ 65.00	0.02	0.04	\$ 2.60	\$ 4
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 0.35	\$ 0.70	\$ 65.00	0.02	0.05	\$ 3.12	\$ 4
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 0.06	\$ 0.23	\$ 65.00	0.02	0.09	\$ 5.82	\$ 6
	E0.02 - E5.13		1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	2	0%	2	EA	\$ 19.68	\$ 39.36	\$ 65.00	0.05	0.10	\$ 6.24	\$ 46
9	E0.02 - E5.13		TAMPER RESISTANT DUPLEX RECEPTACLE	50	0%	50	EA	\$ 19.89	\$ 994.50	\$ 65.00	0.18	9.00	\$ 585.00	\$ 1,580
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	50	0%	50	EA	\$ 1.00	\$ 49.88	\$ 65.00	0.18	9.20	\$ 598.00	\$ 648
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	50	0%	50	EA	\$ 0.59	\$ 29.65	\$ 65.00	0.02	1.00	\$ 65.00	\$ 95
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	50	0%	50	EA	\$ 0.35	\$ 17.46	\$ 65.00	0.02	1.20	\$ 78.00	\$ 95
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	100	0%	100	EA	\$ 0.06	\$ 5.77	\$ 65.00	0.02	2.24	\$ 145.60	\$ 151
	E0.02 - E5.13		1G DUPLEX REC PLATE - PLASTIC IVY	50	0%	50	EA	\$ 0.33	\$ 16.50	\$ 65.00	0.02	1.08	\$ 70.20	\$ 87
10	E0.02 - E5.13		TAMPER RESISTANT DUPLEX RECEPTACLE GFCI	16	0%	16	EA	\$ 28.45	\$ 455.20	\$ 65.00	0.22	3.52	\$ 228.80	\$ 684
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	16	0%	16	EA	\$ 1.00	\$ 15.96	\$ 65.00	0.18	2.94	\$ 191.36	\$ 207
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	16	0%	16	EA	\$ 0.59	\$ 9.49	\$ 65.00	0.02	0.32	\$ 20.80	\$ 30
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	16	0%	16	EA	\$ 0.35	\$ 5.59	\$ 65.00	0.02	0.38	\$ 24.96	\$ 31
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	32	0%	32	EA	\$ 0.06	\$ 1.85	\$ 65.00	0.02	0.72	\$ 46.59	\$ 48
	E0.02 - E5.13		1G DUPLEX REC PLATE - PLASTIC IVY	16	0%	16	EA	\$ 0.33	\$ 5.28	\$ 65.00	0.02	0.35	\$ 22.46	\$ 28
11	E0.02 - E5.13		SPECIAL PURPOSE RECEPTACLE, NEMA L14-30R	2	0%	2	EA	\$ 30.64	\$ 61.28	\$ 65.00	0.24	0.48	\$ 31.20	\$ 92
	E0.02 - E5.13		4x 1 1/2" SQ BOX COMB KO	2	0%	2	EA	\$ 1.00	\$ 2.00	\$ 65.00	0.18	0.37	\$ 23.92	\$ 26
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	2	0%	2	EA	\$ 0.59	\$ 1.19	\$ 65.00	0.02	0.04	\$ 2.60	\$ 4
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	2	0%	2	EA	\$ 0.35	\$ 0.70	\$ 65.00	0.02	0.05	\$ 3.12	\$ 4
	E0.02 - E5.13		#10x 3/4 P/H SELF-TAP SCREW	4	0%	4	EA	\$ 0.06	\$ 0.23	\$ 65.00	0.02	0.09	\$ 5.82	\$ 6
	E0.02 - E5.13		1G DUPLEX REC PLATE - PLASTIC IVY	2	0%	2	EA	\$ 0.33	\$ 0.66	\$ 65.00	0.02	0.04	\$ 2.81	\$ 3
12	E0.02 - E5.13		CEILING MOUNTED JUNCTION BOX, NEMA 1R	1	0%	1	EA	\$ 15.30	\$ 15.30	\$ 65.00	0.30	0.30	\$ 19.50	\$ 35
								SUBTOTAL MATERIAL	\$ 5,859.18	SUBTOTAL LABOR	\$ 5,561.76			\$ 11,421

PROJECT NAME: SAMPLE											TOTAL BID PRICE		\$ 250,310		
											ADD QUOTATION FOR LIGHTING FIXTURES, CONTROLS & SWITCHGEAR				
SR. NO.	DWG. NO.	DETAIL NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	MATERIAL COST	MANHOURLY RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL COST	
LIGHTING FIXTURES															
LIGHTING FIXTURES															
1	E0.02 - E5.13		A1, 6" RECESSED DOWNLIGHT, COOPER LIGHTING SOLUTIONS : #HLBPH4069FS1EMWR	51	0%	51	EA		\$ -	\$ 65.00	0.65	33.15	\$ 2,154.75	\$ 2,155	
2	E0.02 - E5.13		A2, 6" RECESSED DOWNLIGHT WET/DAMP RATED FIXTURE ABOVE SHOWER, COOPER LIGHTING SOLUTIONS : #HLBPH4069FS1EMWR	9	0%	9	EA		\$ -	\$ 65.00	0.65	5.85	\$ 380.25	\$ 380	
3	E0.02 - E5.13		EE, WALL MOUNTED EMERGENCY BATTERY PACK FIXTURE, (MODEL INFO NOT GIVEN)	13	0%	13	EA		\$ -	\$ 65.00	0.60	7.80	\$ 507.00	\$ 507	
4	E0.02 - E5.13		EX, COMBINATION EGRESS FIXTURE AND EXIT SIGN W/ BATTERY, (MODEL INFO NOT GIVEN)	13	0%	13	EA		\$ -	\$ 65.00	0.60	7.80	\$ 507.00	\$ 507	
5	E0.02 - E5.13		L1, 48" LINEAR SUSPENDED LED, FOCALPOINT: #FSM1B1	49	0%	49	EA		\$ -	\$ 65.00	0.70	34.30	\$ 2,229.50	\$ 2,230	
6	E0.02 - E5.13		L2, 36" LINEAR SUSPENDED LED, FOCALPOINT: #FSM1B1	4	0%	4	EA		\$ -	\$ 65.00	0.70	2.80	\$ 182.00	\$ 182	
7	E0.02 - E5.13		P1, DECORATIVE PENDANT GLOBE, NORA LIGHTING: #GL-5728NYLM3CB	50	0%	50	EA		\$ -	\$ 65.00	0.70	35.00	\$ 2,275.00	\$ 2,275	
8	E0.02 - E5.13		RE, REMOTE HEAD FIXTURE, (MODEL INFO NOT GIVEN)	4	0%	4	EA		\$ -	\$ 65.00	0.60	2.40	\$ 156.00	\$ 156	
9	E0.02 - E5.13		S1, DECORATIVE WALL-MOUNTED LED SCONCE, CALIFORNIA ACCENT LIGHTING: #ALS500T-SMQ	32	0%	32	EA		\$ -	\$ 65.00	0.70	22.40	\$ 1,456.00	\$ 1,456	
10	E0.02 - E5.13		S5, 4' STRIP LIGHT, (MODEL INFO NOT GIVEN)	2	0%	2	EA		\$ -	\$ 65.00	0.70	1.40	\$ 91.00	\$ 91	
11	E0.02 - E5.13		X1, EXTERIOR WALL MOUNTED GOOSENECK LIGHT, BASELITE CORP: #K2-41-E35-LWTM-41-LED25-3K	2	0%	2	EA		\$ -	\$ 65.00	0.65	1.30	\$ 84.50	\$ 85	
12	E0.02 - E5.13		X2, EXTERIOR WALL MOUNTED WALL PACK, COOPER LIGHTING SOLUTIONS : #AXCS5ARL-W-BK	4	0%	4	EA		\$ -	\$ 65.00	0.65	2.60	\$ 169.00	\$ 169	
13	E0.02 - E5.13		X3, EXTERIOR WALL MOUNTED CYLINDRICAL SCONCE, QUANTALIGHT: #CL504-30-20-LEVL-BK-1	4	0%	4	EA		\$ -	\$ 65.00	0.65	2.60	\$ 169.00	\$ 169	
14	E0.02 - E5.13		X4, SURFACE MOUNTED INDUSTRIAL FIXTURE, HUBBELL INDUSTRIAL LIGHTING: #VF-151	4	0%	4	EA		\$ -	\$ 65.00	0.65	2.60	\$ 169.00	\$ 169	
QUOTATION FOR LIGHTING FIXTURES													\$ -		
								SUBTOTAL MATERIAL	\$ -	SUBTOTAL LABOR	\$ 10,530.00			\$ 10,530	
LIGHTING CONTROLS															
1	E0.02 - E5.13		SINGLE POLE LIGHT SWITCH	54	0%	54	EA	\$ 10.11	\$ 545.94	\$ 65.00	0.11	5.94	\$ 386.10	\$ 932	

PROJECT NAME: SAMPLE											TOTAL BID PRICE		\$ 250,310		
											ADD QUOTATION FOR LIGHTING FIXTURES, CONTROLS & SWITCHGEAR				
SR. NO.	DWG. NO.	DETAIL NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	MATERIAL COST	MANHOUR RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL COST	
	E0.02 - E5.13		4x 1 1/2" SQ_BOX COMB KO	54	0%	54	EA	\$ 1.00	\$ 53.87	\$ 65.00	0.18	9.94	\$ 645.84	\$ 700	
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	54	0%	54	EA	\$ 0.59	\$ 32.02	\$ 65.00	0.02	1.08	\$ 70.20	\$ 102	
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	54	0%	54	EA	\$ 0.35	\$ 18.86	\$ 65.00	0.02	1.30	\$ 84.24	\$ 103	
	E0.02 - E5.13		#8x 3/4 P/H SELF-TAP SCREW	108	0%	108	EA	\$ 0.08	\$ 8.70	\$ 65.00	0.02	2.25	\$ 146.02	\$ 155	
2	E0.02 - E5.13		S, WALL MOUNTED DUAL TECHNOLOGY MOTION SENSOR	8	0%	8	EA		\$ -	\$ 65.00	0.24	1.92	\$ 124.80	\$ 125	
	E0.02 - E5.13		4x 1 1/2" SQ_BOX COMB KO	8	0%	8	EA	\$ 1.00	\$ 7.98	\$ 65.00	0.18	1.47	\$ 95.68	\$ 104	
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	8	0%	8	EA	\$ 0.59	\$ 4.74	\$ 65.00	0.02	0.16	\$ 10.40	\$ 15	
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	8	0%	8	EA	\$ 0.35	\$ 2.79	\$ 65.00	0.02	0.19	\$ 12.48	\$ 15	
	E0.02 - E5.13		#8x 3/4 P/H SELF-TAP SCREW	16	0%	16	EA	\$ 0.08	\$ 1.29	\$ 65.00	0.02	0.33	\$ 21.63	\$ 23	
3	E0.02 - E5.13		S-D, WALL MOUNTED DUAL TECHNOLOGY MOTION SENSOR W/ 0-10V DIMMER SWITCH	3	0%	3	EA		\$ -	\$ 65.00	0.26	0.78	\$ 50.70	\$ 51	
	E0.02 - E5.13		4x 1 1/2" SQ_BOX COMB KO	3	0%	3	EA	\$ 1.00	\$ 2.99	\$ 65.00	0.18	0.55	\$ 35.88	\$ 39	
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	3	0%	3	EA	\$ 0.59	\$ 1.78	\$ 65.00	0.02	0.06	\$ 3.90	\$ 6	
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	3	0%	3	EA	\$ 0.35	\$ 1.05	\$ 65.00	0.02	0.07	\$ 4.68	\$ 6	
	E0.02 - E5.13		#8x 3/4 P/H SELF-TAP SCREW	6	0%	6	EA	\$ 0.08	\$ 0.48	\$ 65.00	0.02	0.12	\$ 8.11	\$ 9	
4	E0.02 - E5.13		S3, THREE WAY LIGHT SWITCH	12	0%	12	EA	\$ 17.61	\$ 211.32	\$ 65.00	0.16	1.92	\$ 124.80	\$ 336	
	E0.02 - E5.13		4x 1 1/2" SQ_BOX COMB KO	12	0%	12	EA	\$ 1.00	\$ 11.97	\$ 65.00	0.18	2.21	\$ 143.52	\$ 155	
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	12	0%	12	EA	\$ 0.59	\$ 7.11	\$ 65.00	0.02	0.24	\$ 15.60	\$ 23	
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	12	0%	12	EA	\$ 0.35	\$ 4.19	\$ 65.00	0.02	0.29	\$ 18.72	\$ 23	
	E0.02 - E5.13		#8x 3/4 P/H SELF-TAP SCREW	24	0%	24	EA	\$ 0.08	\$ 1.93	\$ 65.00	0.02	0.50	\$ 32.45	\$ 34	
5	E0.02 - E5.13		S3D, 3-WAY DIMMER SWITCH	8	0%	8	EA	\$ 21.00	\$ 168.00	\$ 65.00	0.18	1.44	\$ 93.60	\$ 262	
	E0.02 - E5.13		4x 1 1/2" SQ_BOX COMB KO	8	0%	8	EA	\$ 1.00	\$ 7.98	\$ 65.00	0.18	1.47	\$ 95.68	\$ 104	
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	8	0%	8	EA	\$ 0.59	\$ 4.74	\$ 65.00	0.02	0.16	\$ 10.40	\$ 15	
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	8	0%	8	EA	\$ 0.35	\$ 2.79	\$ 65.00	0.02	0.19	\$ 12.48	\$ 15	
	E0.02 - E5.13		#8x 3/4 P/H SELF-TAP SCREW	16	0%	16	EA	\$ 0.08	\$ 1.29	\$ 65.00	0.02	0.33	\$ 21.63	\$ 23	
6	E0.02 - E5.13		DIMMER SWITCH	5	0%	5	EA	\$ 15.67	\$ 78.35	\$ 65.00	0.14	0.70	\$ 45.50	\$ 124	
	E0.02 - E5.13		4x 1 1/2" SQ_BOX COMB KO	5	0%	5	EA	\$ 1.00	\$ 4.99	\$ 65.00	0.18	0.92	\$ 59.80	\$ 65	
	E0.02 - E5.13		4" SQ 1G PLSTR RING 5/8" RISE	5	0%	5	EA	\$ 0.59	\$ 2.96	\$ 65.00	0.02	0.10	\$ 6.50	\$ 9	
	E0.02 - E5.13		GROUND SCREW W/ INSUL #12 LEAD	5	0%	5	EA	\$ 0.35	\$ 1.75	\$ 65.00	0.02	0.12	\$ 7.80	\$ 10	
	E0.02 - E5.13		#8x 3/4 P/H SELF-TAP SCREW	10	0%	10	EA	\$ 0.08	\$ 0.81	\$ 65.00	0.02	0.21	\$ 13.52	\$ 14	
7	E0.02 - E5.13		PHOTOCELL (ON ROOF)	1	0%	1	EA		\$ -	\$ 65.00	0.60	0.60	\$ 39.00	\$ 39	
8	E0.02 - E5.13		TIMECLOCK, W/ FOUR 120/277V CONTACTS, INTERMATIC #ET2845C	4	0%	4	EA		\$ -	\$ 65.00	0.50	2.00	\$ 130.00	\$ 130	
QUOTATION FOR LIGHTING CONTROLS														\$ -	
								SUBTOTAL MATERIAL	\$ 1,192.69	SUBTOTAL LABOR	\$ 2,571.66				\$ 3,764
ROUGH-IN FOR LOW VOLTAGE SYSTEM															
CONDUITS															
1	E0.02 - E5.13		3/4" CONDUIT - EMT	168	0%	168	FT	\$ 1.46	\$ 245.11	\$ 65.00	0.03	4.30	\$ 279.55	\$ 525	
	E0.02 - E5.13		3/4" CONN SS STL - EMT	14	0%	14	EA	\$ 0.25	\$ 3.45	\$ 65.00	0.08	1.12	\$ 72.80	\$ 76	
	E0.02 - E5.13		3/4" COUPLING SS STL - EMT	17	0%	17	EA	\$ 0.31	\$ 5.19	\$ 65.00	0.03	0.54	\$ 35.36	\$ 41	
	E0.02 - E5.13		3/4" 1-H STRAP - EMT - STEEL	26	0%	26	EA	\$ 0.08	\$ 2.14	\$ 65.00	0.04	1.12	\$ 73.01	\$ 75	
2	E0.02 - E5.13		PULLSTRING	168	0%	168	FT	\$ 0.10	\$ 16.80	\$ 65.00	0.01	0.84	\$ 54.60	\$ 71	
DEVICES															
1	E0.02 - E5.13		WALL MOUNTED DATA OUTLET	14	0%	14	EA		\$ -	\$ 65.00		-	\$ -	\$ -	
2	E0.02 - E5.13		4X4 BACKBOX	14	0%	14	EA	\$ 8.60	\$ 120.40	\$ 65.00	0.20	2.80	\$ 182.00	\$ 302	

PROJECT NAME: SAMPLE											TOTAL BID PRICE		\$ 250,310	
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ADD QUOTATION FOR LIGHTING FIXTURES, CONTROLS & SWITCHGEAR															
SR. NO.	DWG. NO.	DETAIL NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	MATERIAL COST	MANHOUR RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL COST	
								\$ 393.09	SUBTOTAL MATERIAL		\$ 697.32			\$ 1,090	
												TOTAL MATERIAL COST		\$ 96,150	
												TOTAL LABOR COST		\$ 106,673	
												TOTAL LABOR HOURS		1,641	

SCOPE OF ESTIMATE:	
SR. NO.	SUPPLY & INSTALLATION
1	DISTRIBUTION
2	WIRING DEVICES
3	LIGHTING FIXTURES
4	BRANCH WIRING
5	POWER FEEDERS
6	ROUGH-IN FOR LOW VOLTAGE SYSTEM
SR. NO.	INCLUSIONS
1	THE ESTIMATE INCLUDES THE INFORMATION SHOWN ONLY ON THE DRAWINGS
2	THE ESTIMATE INCLUDES MATERIAL PRICES (EXCEPT FOR QUOTED ITEMS - LIGHTING FIXTURES, CONTROLS AND SWITCHGEAR)
3	INCLUDES LABOR HOURS FOR INSTALLATION FOR ALL ITEMS
SR. NO.	EXCLUSIONS
1	FIRESTOPPING IS NOT INCLUDED FOR WALL PENETRATION.
2	PERMITS AND FEES
3	TEMPORARY POWER IS NOT INCLUDED.
4	CONTROL CABLES, COAX & CATS CABLING FOR THE DATA SYSTEM IS EXCLUDED
5	VOICE/DATA OUTLETS ARE EXCLUDED
6	EXCLUDES ANY TESTING OF EQUIPMENT
SR. NO.	NOTES
1	BUS BARS FOR ALL PANELBOARDS SHALL BE TIN (OR COPPER) PLATED ALUMINUM.
2	CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC, MOLDED CASE, QUICK-MAKE, QUICK-BREAK TYPE.
3	APPROVED MANUFACTURERS FOR PANELBOARDS AND BREAKERS ARE "SQUARE D, SIEMENS, GE AND CUTLER-HAMMER".
4	FUSES SHALL BE DUAL ELEMENT, 600V, 200 KAIC.
5	PANEL WP SHALL BE PROVIDED WITH EXPLOSION PROOF ENCLOSURE IF THE AREA IS CLASSIFIED TO BE HAZARDOUS (EQUIPMENT AREA NEAR SPRINKLER ROOM). HOWEVER, NEMA 1 ENCLOSURE HAS BEEN PROVIDED AS PER PANEL SCHEDULE.

COST & INSTALLATION OF LOW VOLTAGE SYSTEM DEVICES IS NOT INCLUDED