

SAMPLE ESTIMATE

BID RECAP										
SR. NO.	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	TOTAL COST	OVERHEADS	PROFITS	TOTAL PRICE	
1	DISTRIBUTION	\$ 116,916.84	\$ 160,928.14	\$ 11,983.98	\$ -	\$ 289,828.96	\$ 28,982.90	\$ 72,457.24	\$ 391,269.09	
2	BRANCH WIRING	\$ 167,587.77	\$ 350,365.43	\$ 17,177.75	\$ -	\$ 535,130.94	\$ 53,513.09	\$ 133,782.74	\$ 722,426.78	
3	WIRING DEVICES	\$ 43,306.57	\$ 70,754.11	\$ 4,438.92	\$ -	\$ 118,499.61	\$ 11,849.96	\$ 29,624.90	\$ 159,974.47	
4	LIGHTING FIXTURES	\$ -	\$ 100,114.60	\$ -	\$ -	\$ 100,114.60	\$ 10,011.46	\$ 25,028.65	\$ 135,154.71	
5	LIGHTING CONTROLS	\$ 23,200.83	\$ 28,668.47	\$ 2,378.09	\$ -	\$ 54,247.38	\$ 5,424.74	\$ 13,561.85	\$ 73,233.96	
6	ROUGH-IN FOR LOW VOLTAGE SYSTEM	\$ 7,933.03	\$ 17,059.09	\$ 813.14	\$ -	\$ 25,805.26	\$ 2,580.53	\$ 6,451.31	\$ 34,837.09	
	TOTALS	\$ 358,945.04	\$ 727,889.84	\$ 36,791.87	\$ -	\$ 1,123,626.75	\$ 112,362.67	\$ 280,906.69	\$ 1,516,896.11	

BID SUMMARY			
1	TOTAL MATERIAL COST		\$ 358,945.04
	MATERIAL SALES TAX	10%	\$ 36,791.87
	JOB EXPENSE		\$ -
2	TOTAL LABOR COST		\$ 727,889.84
	LABOR TAX		\$ -
3	TOTAL COST		\$ 1,123,626.75
	OVERHEADS @	10%	\$ 112,362.67
	PROFIT @	25%	\$ 280,906.69
4	TOTAL COST WITH OVERHEADS + PROFIT		\$ 1,516,896.11
	BID SECURITY		\$ -
	ALLOWANCES		\$ -
	MOBILIZATION / DEMOBILIZATION		\$ -
	SUB-CONTRACTS		\$ -
	BOND PREMIUM		\$ -
5	BASE BID PRICE		\$ 1,516,896.11

MAN-LOADING AND SUPERVISION ANALYSIS			
1	TOTAL MANHOURS WITH SUPERVISION		8,770
2	NUMBER OF MAN-DAYS		1,096
3	MAN LOAD		5
4	ELECTRICIAN RATE	3	\$ 85.00
5	SUPERVISOR RATE	1	\$ 105.00
6	UNSKILLED LABOR RATE	1	\$ 55.00
7	COMPOSITE LABOR RATE		\$ 83.00
8	PREVAILING WAGE RATE		N/A

INSERT VALUES IN YELLOW HIGHLIGHTED CELLS WHERE APPLICABLE

SAMPLE ESTIMATE										TOTAL BID PRICE		\$ 1,516,896		
										ADD QUOTATION FOR LIGHTING FIXTURES & 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										\$ 83.00				
CONDUITS														
1			3" CONDUIT - PVC40	324	0%	324	FT	\$ 6.11	\$ 1,979.29	\$ 83.00	0.08	25.41	\$ 2,108.72	\$ 4,088
			3" ELBOW 90 DEG - RMC - GALV	13	0%	13	EA	\$ 74.35	\$ 966.59	\$ 83.00	1.00	13.00	\$ 1,079.00	\$ 2,046
			3" LOCKNUT - STEEL	26	0%	26	EA	\$ 1.40	\$ 36.30	\$ 83.00	0.08	2.04	\$ 169.19	\$ 205
			3" COUPLING - PVC	39	0%	39	EA	\$ 1.89	\$ 73.79	\$ 83.00	0.06	2.34	\$ 194.22	\$ 268
			3" ADAPTER FEM - PVC	26	0%	26	EA	\$ 2.47	\$ 64.10	\$ 83.00	0.22	5.82	\$ 483.39	\$ 547
2			3" CONDUIT - EMT	186	0%	186	FT	\$ 10.88	\$ 2,021.97	\$ 83.00	0.08	13.97	\$ 1,159.56	\$ 3,182
			3" ELBOW 90 DEG - EMT	12	0%	12	EA	\$ 41.77	\$ 501.20	\$ 83.00	0.48	5.76	\$ 478.08	\$ 979
			3" CONN SS STL - EMT	15	0%	15	EA	\$ 6.00	\$ 90.06	\$ 83.00	0.22	3.36	\$ 278.88	\$ 369
			3" COUPLING SS STL - EMT	19	0%	19	EA	\$ 4.70	\$ 89.38	\$ 83.00	0.10	1.82	\$ 151.39	\$ 241
			3" BUSHING - PLASTIC	15	0%	15	EA	\$ 1.18	\$ 17.64	\$ 83.00	0.07	1.01	\$ 83.66	\$ 101
			3" 1-H STRAP - RMC / EMT-STEEL	19	0%	19	EA	\$ 1.87	\$ 35.54	\$ 83.00	0.11	2.04	\$ 169.05	\$ 205
			3/8-16x 2 1/4 WEDGE ANCHOR - 1 1/2" MIN DEPTH	19	0%	19	EA	\$ 0.72	\$ 13.62	\$ 83.00	0.10	1.82	\$ 151.39	\$ 165
3			1 1/4" CONDUIT - EMT	8981	0%	8981	FT	\$ 4.27	\$ 38,316.02	\$ 83.00	0.04	337.69	\$ 28,028.19	\$ 66,344
			1 1/4" CONN SS STL - EMT	719	0%	719	EA	\$ 0.81	\$ 580.09	\$ 83.00	0.11	80.53	\$ 6,683.82	\$ 7,264
			1 1/4" COUPLING SS STL - EMT	899	0%	899	EA	\$ 0.98	\$ 883.27	\$ 83.00	0.05	46.75	\$ 3,880.08	\$ 4,763
			1 1/4" BUSHING - PLASTIC	719	0%	719	EA	\$ 0.22	\$ 158.32	\$ 83.00	0.03	22.43	\$ 1,861.92	\$ 2,020
			1 1/4" 1-H STRAP - EMT - STEEL	899	0%	899	EA	\$ 0.25	\$ 226.91	\$ 83.00	0.06	50.34	\$ 4,178.55	\$ 4,405
			1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	899	0%	899	EA	\$ 0.43	\$ 382.52	\$ 83.00	0.06	57.54	\$ 4,775.49	\$ 5,158
4			1 1/4" CONDUIT - PVC40	227	0%	227	FT	\$ 2.21	\$ 501.38	\$ 83.00	0.04	9.09	\$ 754.37	\$ 1,256
			1 1/4" ELBOW 90 DEG - RMC - GALV	10	0%	10	EA	\$ 13.31	\$ 133.08	\$ 83.00	0.30	3.04	\$ 252.32	\$ 385
			1 1/4" LOCKNUT - STEEL	19	0%	19	EA	\$ 0.24	\$ 4.56	\$ 83.00	0.04	0.71	\$ 58.66	\$ 63
			1 1/4" COUPLING - PVC	28	0%	28	EA	\$ 0.36	\$ 10.02	\$ 83.00	0.03	0.84	\$ 69.72	\$ 80
			1 1/4" ADAPTER FEM - PVC	19	0%	19	EA	\$ 0.52	\$ 9.84	\$ 83.00	0.11	2.13	\$ 176.62	\$ 186
5			1" CONDUIT - PVC40	267	0%	267	FT	\$ 1.53	\$ 409.53	\$ 83.00	0.03	8.98	\$ 745.50	\$ 1,155
			1" ELBOW 90 DEG - RMC - GALV	17	0%	17	EA	\$ 10.19	\$ 173.16	\$ 83.00	0.26	4.35	\$ 361.22	\$ 534
			1" LOCKNUT - STEEL	22	0%	22	EA	\$ 0.19	\$ 4.11	\$ 83.00	0.02	0.55	\$ 45.28	\$ 49
			1" COUPLING - PVC	33	0%	33	EA	\$ 0.27	\$ 8.85	\$ 83.00	0.02	0.66	\$ 54.78	\$ 64
			1" ADAPTER FEM - PVC	22	0%	22	EA	\$ 0.46	\$ 10.04	\$ 83.00	0.10	2.11	\$ 175.30	\$ 185
6			1" CONDUIT - EMT	557	0%	557	FT	\$ 2.55	\$ 1,421.87	\$ 83.00	0.03	18.04	\$ 1,497.43	\$ 2,919
			1" CONN SS STL - EMT	45	0%	45	EA	\$ 0.41	\$ 18.64	\$ 83.00	0.10	4.32	\$ 358.56	\$ 377
			1" COUPLING SS STL - EMT	56	0%	56	EA	\$ 0.47	\$ 26.50	\$ 83.00	0.04	2.24	\$ 185.92	\$ 212
			1" 1-H STRAP - EMT - STEEL	84	0%	84	EA	\$ 0.23	\$ 19.14	\$ 83.00	0.05	3.96	\$ 329.08	\$ 348
7			1/2" CONDUIT - EMT	736	0%	736	FT	\$ 0.84	\$ 619.36	\$ 83.00	0.02	16.37	\$ 1,358.95	\$ 1,978
			1/2" CONN SS STL - EMT	59	0%	59	EA	\$ 0.15	\$ 8.93	\$ 83.00	0.06	3.78	\$ 313.41	\$ 322
			1/2" COUPLING SS STL - EMT	74	0%	74	EA	\$ 0.20	\$ 14.45	\$ 83.00	0.03	1.89	\$ 157.24	\$ 172
			1/2" 1-H STRAP - EMT - STEEL	111	0%	111	EA	\$ 0.07	\$ 7.40	\$ 83.00	0.04	4.35	\$ 361.15	\$ 369
8			1/2" CONDUIT - RMC - GALV	369	0%	369	FT	\$ 3.66	\$ 1,349.08	\$ 83.00	0.03	12.24	\$ 1,015.52	\$ 2,365
			1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	15	0%	15	EA	\$ -	\$ -	\$ 83.00	0.14	2.06	\$ 171.31	\$ 171
			1/2" 1-H STRAP - RMC - MALL	56	0%	56	EA	\$ 1.26	\$ 70.73	\$ 83.00	0.04	2.20	\$ 182.20	\$ 253
			4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 1/2" HUBS - CI	15	0%	15	EA	\$ 55.47	\$ 832.05	\$ 83.00	0.34	5.04	\$ 418.32	\$ 1,250
			COVER ROUND BLANK - CI	15	0%	15	EA	\$ 13.82	\$ 207.30	\$ 83.00	0.05	0.72	\$ 59.76	\$ 267
			#8 TO #10x 7/8 PLAS ANCHOR (3/16)	86	0%	86	EA	\$ 0.03	\$ 2.52	\$ 83.00	0.05	4.13	\$ 342.62	\$ 345
			#10x 1 P/H SELF-TAP SCREW	86	0%	86	EA	\$ 0.06	\$ 4.96	\$ 83.00	0.02	2.06	\$ 171.31	\$ 176
CONDUCTORS														
1			#500 THW	601	0%	601	FT	\$ 13.33	\$ 8,012.24	\$ 83.00	0.04	23.31	\$ 1,934.98	\$ 9,947
2			#500 THHN	604	0%	604	FT	\$ 12.12	\$ 7,323.98	\$ 83.00	0.03	18.75	\$ 1,556.51	\$ 8,880
3			#400 THW	209	0%	209	FT	\$ 10.55	\$ 2,203.21	\$ 83.00	0.04	7.35	\$ 609.94	\$ 2,813
4			#400 THHN	104	0%	104	FT	\$ 9.59	\$ 999.88	\$ 83.00	0.03	2.93	\$ 243.59	\$ 1,243
5			#3/0 THW	802	0%	802	FT	\$ 4.57	\$ 3,661.69	\$ 83.00	0.02	15.07	\$ 1,250.91	\$ 4,913
6			#3/0 THHN	3494	0%	3494	FT	\$ 4.15	\$ 14,508.49	\$ 83.00	0.02	52.55	\$ 4,361.64	\$ 18,870
7			#1/0 THHN	133	0%	133	FT	\$ 2.67	\$ 354.98	\$ 83.00	0.01	1.51	\$ 125.31	\$ 480
8			#1 THHN	8134	0%	8134	FT	\$ 2.18	\$ 17,744.71	\$ 83.00	0.02	122.33	\$ 10,153.55	\$ 27,898
9			#1 THW	100	0%	100	FT	\$ 2.40	\$ 239.98	\$ 83.00	0.01	1.35	\$ 112.05	\$ 352

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10			#2 THW	254	0%	254	FT	\$ 2.15	\$ 546.10	\$ 83.00	0.01	3.16	\$ 261.90	\$ 808
11			#2 THHN	151	0%	151	FT	\$ 1.95	\$ 294.67	\$ 83.00	0.01	1.50	\$ 124.36	\$ 419
12			#3 THW	250	0%	250	FT	\$ 1.71	\$ 427.84	\$ 83.00	0.01	2.97	\$ 246.47	\$ 674
13			#3 THHN	572	0%	572	FT	\$ 1.56	\$ 892.12	\$ 83.00	0.01	5.45	\$ 452.26	\$ 1,344
14			#4 THW	215	0%	215	FT	\$ 1.36	\$ 291.58	\$ 83.00	0.01	2.19	\$ 181.60	\$ 473
15			#4 THHN	553	0%	553	FT	\$ 1.24	\$ 682.89	\$ 83.00	0.01	4.51	\$ 374.26	\$ 1,057
16			#6 THW	451	0%	451	FT	\$ 0.91	\$ 409.00	\$ 83.00	0.01	4.01	\$ 332.83	\$ 742
17			#6 THHN	458	0%	458	FT	\$ 0.83	\$ 377.70	\$ 83.00	0.01	3.26	\$ 270.48	\$ 648
18			#8 THW	422	0%	422	FT	\$ 0.59	\$ 248.94	\$ 83.00	0.01	2.95	\$ 245.12	\$ 494
19			#8 THHN	1359	0%	1359	FT	\$ 0.54	\$ 729.01	\$ 83.00	0.01	7.61	\$ 631.70	\$ 1,361
20			#10 THHN SOLID	11770	0%	11770	FT	\$ 0.28	\$ 3,249.55	\$ 83.00	0.00	58.38	\$ 4,845.43	\$ 8,095
21			#10 THW SOLID	1355	0%	1355	FT	\$ 0.30	\$ 411.60	\$ 83.00	0.01	8.40	\$ 697.43	\$ 1,109
GROUNDING														
1			#6 BARE COPPER CONDUCTOR	20	0%	20	FT	\$ 0.62	\$ 12.56	\$ 83.00	0.01	0.21	\$ 17.02	\$ 30
2			CONNECTORS FOR WELDING PROCESS	6	0%	6	EA	\$ 2.50	\$ 15.00	\$ 83.00	0.25	1.50	\$ 124.50	\$ 140
3			GROUNDING ROD	2	0%	2	EA	\$ 33.00	\$ 66.00	\$ 83.00	0.40	0.80	\$ 66.40	\$ 132
4			MAIN BONDING JUMPER	1	0%	1	EA	\$ 3.00	\$ 3.00	\$ 83.00	0.10	0.10	\$ 8.30	\$ 11
DISCONNECT SWITCHES														
1			30A/3P/20AF, DISCONNECT SWITCH NEMA 1	1	0%	1	EA	\$ -	\$ -	\$ 83.00	1.10	1.10	\$ 91.30	\$ 91
2			200AS/3P/175AF, DISCONNECT SWITCH, NEMA 1	1	0%	1	EA	\$ -	\$ -	\$ 83.00	3.10	3.10	\$ 257.30	\$ 257
3			40A/3P FUSED DISCONNECT SWITCH, NEMA 3R	2	0%	2	EA	\$ -	\$ -	\$ 83.00	1.60	3.20	\$ 265.60	\$ 266
4			30A NON FUSED DISCONNECT SWITCH, NEMA 3R	56	0%	56	EA	\$ -	\$ -	\$ 83.00	1.10	61.60	\$ 5,112.80	\$ 5,113
BREAKERS														
1			15A/1P CIRCUIT BREAKER 'AFCI' TYPE	340	0%	340	EA	\$ -	\$ -	\$ 83.00	0.30	102.00	\$ 8,466.00	\$ 8,466
2			15A/2P CIRCUIT BREAKER	48	0%	48	EA	\$ -	\$ -	\$ 83.00	0.25	12.00	\$ 996.00	\$ 996
3			20A/1P CIRCUIT BRAKER	125	0%	125	EA	\$ -	\$ -	\$ 83.00	0.25	31.25	\$ 2,593.75	\$ 2,594
4			20A/1P CIRCUIT BREAKER 'AFCI' TYPE	144	0%	144	EA	\$ -	\$ -	\$ 83.00	0.30	43.20	\$ 3,585.60	\$ 3,586
5			20A/2P CIRCUIT BREAKER	21	0%	21	EA	\$ -	\$ -	\$ 83.00	0.25	5.25	\$ 435.75	\$ 436
6			20A/3P CIRCUIT BRAKER	1	0%	1	EA	\$ -	\$ -	\$ 83.00	0.40	0.40	\$ 33.20	\$ 33
7			25A/2P CIRCUIT BREAKER	30	0%	30	EA	\$ -	\$ -	\$ 83.00	0.25	7.50	\$ 622.50	\$ 623
8			30A/2P CIRCUIT BREAKER	59	0%	59	EA	\$ -	\$ -	\$ 83.00	0.25	14.75	\$ 1,224.25	\$ 1,224
9			30A/3P CIRCUIT BRAKER	6	0%	6	EA	\$ -	\$ -	\$ 83.00	0.40	2.40	\$ 199.20	\$ 199
10			35A/2P CIRCUIT BRAKER	7	0%	7	EA	\$ -	\$ -	\$ 83.00	0.25	1.75	\$ 145.25	\$ 145
11			35A/3P CIRCUIT BRAKER	2	0%	2	EA	\$ -	\$ -	\$ 83.00	0.40	0.80	\$ 66.40	\$ 66
12			40A/2P CIRCUIT BRAKER	15	0%	15	EA	\$ -	\$ -	\$ 83.00	0.25	3.75	\$ 311.25	\$ 311
13			50A/2P CIRCUIT BREAKER	48	0%	48	EA	\$ -	\$ -	\$ 83.00	0.25	12.00	\$ 996.00	\$ 996
14			60A/3P CIRCUIT BRAKER	3	0%	3	EA	\$ -	\$ -	\$ 83.00	0.40	1.20	\$ 99.60	\$ 100
15			80A/3P CIRCUIT BRAKER	1	0%	1	EA	\$ -	\$ -	\$ 83.00	0.40	0.40	\$ 33.20	\$ 33
16			100A/3P CIRCUIT BRAKER	2	0%	2	EA	\$ -	\$ -	\$ 83.00	0.40	0.80	\$ 66.40	\$ 66
17			125A/2P CIRCUIT BREAKER 'SIEMEN' TYPE	48	0%	48	EA	\$ -	\$ -	\$ 83.00	0.45	21.60	\$ 1,792.80	\$ 1,793
18			200A/3P CIRCUIT BREAKER 'SIEMEN' TYPE	4	0%	4	EA	\$ -	\$ -	\$ 83.00	0.50	2.00	\$ 166.00	\$ 166
19			350A/3P CIRCUIT BRAKER	4	0%	4	EA	\$ -	\$ -	\$ 83.00	0.60	2.40	\$ 199.20	\$ 199
20			1000A/3P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 83.00	1.20	1.20	\$ 99.60	\$ 100
21			1200A/3P CIRCUIT BREAKER	1	0%	1	EA	\$ -	\$ -	\$ 83.00	1.50	1.50	\$ 124.50	\$ 125
PANELS														
1			1P' PANEL, 125A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA	\$ -	\$ -	\$ 83.00	3.00	3.00	\$ 249.00	\$ 249
2			2E' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA	\$ -	\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
3			2L' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA	\$ -	\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166

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4			3P' PANEL, 125A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	3.00	3.00	\$ 249.00	\$ 249
5			6E' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
6			6P' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
7			A' UNIT PANEL, 125A, MLO, 208Y/120V, 1PH 3W, 10KAIC, NEMA-1, RECESSED MOUNTED	48	0%	48	EA		\$ -	\$ 83.00	3.00	144.00	\$ 11,952.00	\$ 11,952
8			BP' PANEL, 125A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	3.00	3.00	\$ 249.00	\$ 249
9			E' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
10			EV4' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
11			SE' PANEL, 60A, MLO, 208Y/120V, 2PH 3W, 10KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
12			SP' PANEL, 60A, MLO, 208Y/120V, 2PH 3W, 10KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
13			TS1' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
14			TS2' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
15			TS3' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
16			TS4' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
17			J' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 10KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
18			L' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
19			O' PANEL, 60A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED W/ SURGE PROTECTIVE DEVICE	1	0%	1	EA		\$ -	\$ 83.00	2.00	2.00	\$ 166.00	\$ 166
20			EV2' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
21			R1' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
22			R2' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
23			R3' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
24			EV3' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 22KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
25			AC' PANEL, 125A, MLO, 208Y/120V, 3PH 4W, 42KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	3.00	3.00	\$ 249.00	\$ 249
26			EV1' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 42KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
27			G' PANEL, 225A, MLO, 208Y/120V, 3PH 4W, 42KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	4.00	4.00	\$ 332.00	\$ 332
28			P' PANEL, 150A, MLO, 208Y/120V, 3PH 4W, 42KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	3.50	3.50	\$ 290.50	\$ 291
29			PS' PANEL, 150A, MLO, 208Y/120V, 3PH 4W, 42KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	3.50	3.50	\$ 290.50	\$ 291
30			MS' PANEL, 1000A, 208Y/120V, 3PH 4W, 65KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	11.00	11.00	\$ 913.00	\$ 913
31			MSA' PANEL, 1000A, 208Y/120V, 3PH 4W, 65KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	11.00	11.00	\$ 913.00	\$ 913

SAMPLE ESTIMATE											TOTAL BID PRICE		\$ 1,516,896	
											ADD QUOTATION FOR LIGHTING FIXTURES & 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
32			MSB' PANEL, 1000A, 208Y/120V, 3PH 4W, 65KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	11.00	11.00	\$ 913.00	\$ 913
33			MSC' PANEL, 1000A, 208Y/120V, 3PH 4W, 65KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	11.00	11.00	\$ 913.00	\$ 913
34			MSD' PANEL, 1200A, 208Y/120V, 3PH 4W, 65KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	13.00	13.00	\$ 1,079.00	\$ 1,079
35			MSF' PANEL, 1000A, 208Y/120V, 3PH 4W, 65KAIC, NEMA-1, FLUSH MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	11.00	11.00	\$ 913.00	\$ 913
EQUIPMENT														
1			125A METER	48	0%	48	EA		\$ -	\$ 83.00	2.00	96.00	\$ 7,968.00	\$ 7,968
2			1200A METER	1	0%	1	EA		\$ -	\$ 83.00	8.00	8.00	\$ 664.00	\$ 664
3			8'x10' TRANSFORMER PAD	1	0%	1	EA		\$ -	\$ 83.00	8.00	8.00	\$ 664.00	\$ 664
4			GENERATOR W/ BATTERY CHARGER, #DQDAA 250 KW ENGINE MODEL NO: QSL9-G7, MFG: CUMMINS INC. SERIES ENGINE	1	0%	1	EA		\$ -	\$ 83.00	48.00	48.00	\$ 3,984.00	\$ 3,984
MISCELLANEOUS														
1			SAWCUTTING AND PATCHING	302	0%	302	FT	\$ 3.00	\$ 906.00	\$ 83.00	0.03	9.06	\$ 751.98	\$ 1,658
QUOTATION FOR SWITCHGEAR														\$ -
								SUBTOTAL MATERIAL	\$ 116,916.84	SUBTOTAL LABOR	\$ 160,928.14			\$ 277,845
BRANCH WIRING														
CONDUITS - LIGHTING														
1			1/2" CONDUIT - EMT	14893	0%	14893	FT	\$ 0.84	\$ 12,529.32	\$ 83.00	0.02	331.22	\$ 27,490.94	\$ 40,020
			1/2" CONN SS STL - EMT	1192	0%	1192	EA	\$ 0.15	\$ 180.47	\$ 83.00	0.06	76.29	\$ 6,331.90	\$ 6,512
			1/2" COUPLING SS STL - EMT	1490	0%	1490	EA	\$ 0.20	\$ 291.00	\$ 83.00	0.03	38.14	\$ 3,165.95	\$ 3,457
			1/2" 1-H STRAP - EMT - STEEL	2215	0%	2215	EA	\$ 0.07	\$ 147.74	\$ 83.00	0.04	86.83	\$ 7,206.72	\$ 7,354
2			1/2" CONDUIT - RMC - GALV	37	0%	37	FT	\$ 3.66	\$ 134.24	\$ 83.00	0.03	1.22	\$ 101.05	\$ 235
			1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	2	0%	2	EA	\$ -	\$ -	\$ 83.00	0.14	0.28	\$ 22.84	\$ 23
			1/2" 1-H STRAP - RMC - MALL	6	0%	6	EA	\$ 1.26	\$ 7.58	\$ 83.00	0.04	0.24	\$ 19.52	\$ 27
			4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 1/2" HUBS - CI	2	0%	2	EA	\$ 55.47	\$ 110.94	\$ 83.00	0.34	0.67	\$ 55.78	\$ 167
			COVER ROUND BLANK - CI	2	0%	2	EA	\$ 13.82	\$ 27.64	\$ 83.00	0.05	0.10	\$ 7.97	\$ 36
			#8 TO #10x 7/8 PLAS ANCHOR (3/16)	9	0%	9	EA	\$ 0.03	\$ 0.26	\$ 83.00	0.05	0.43	\$ 35.86	\$ 36
			#10x 1 P/H SELF-TAP SCREW	9	0%	9	EA	\$ 0.06	\$ 0.52	\$ 83.00	0.02	0.22	\$ 17.93	\$ 18
3			3/4" CONDUIT - EMT	11255	0%	11255	FT	\$ 1.46	\$ 16,420.36	\$ 83.00	0.03	288.12	\$ 23,913.63	\$ 40,334
			3/4" CONN SS STL - EMT	901	0%	901	EA	\$ 0.25	\$ 221.83	\$ 83.00	0.08	72.08	\$ 5,982.64	\$ 6,204
			3/4" COUPLING SS STL - EMT	1126	0%	1126	EA	\$ 0.31	\$ 343.43	\$ 83.00	0.03	36.03	\$ 2,990.66	\$ 3,334
			3/4" 1-H STRAP - EMT - STEEL	1675	0%	1675	EA	\$ 0.08	\$ 138.02	\$ 83.00	0.04	72.36	\$ 6,005.88	\$ 6,144
4			3/4" CONDUIT - RMC - GALV	8	0%	8	FT	\$ 3.94	\$ 33.14	\$ 83.00	0.04	0.34	\$ 27.95	\$ 61
			3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 83.00	0.16	0.16	\$ 13.28	\$ 13
			3/4" 1-H STRAP - RMC - MALL	2	0%	2	EA	\$ 1.77	\$ 3.54	\$ 83.00	0.04	0.09	\$ 7.17	\$ 11
			4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	1	0%	1	EA	\$ 52.38	\$ 52.38	\$ 83.00	0.36	0.36	\$ 29.88	\$ 82
			COVER ROUND BLANK - CI	1	0%	1	EA	\$ 13.82	\$ 13.82	\$ 83.00	0.05	0.05	\$ 3.98	\$ 18
			#8 TO #10x 7/8 PLAS ANCHOR (3/16)	3	0%	3	EA	\$ 0.03	\$ 0.09	\$ 83.00	0.05	0.14	\$ 11.95	\$ 12
			#10x 1 P/H SELF-TAP SCREW	3	0%	3	EA	\$ 0.06	\$ 0.17	\$ 83.00	0.02	0.07	\$ 5.98	\$ 6
CONDUCTORS - LIGHTING														
1			#8 THHN	3155	0%	3155	FT	\$ 0.54	\$ 1,692.12	\$ 83.00	0.01	17.67	\$ 1,466.25	\$ 3,158
2			#8 THW	25	0%	25	FT	\$ 0.59	\$ 14.90	\$ 83.00	0.01	0.18	\$ 14.68	\$ 30
3			#10 THHN SOLID	14239	0%	14239	FT	\$ 0.28	\$ 3,931.11	\$ 83.00	0.00	70.62	\$ 5,861.71	\$ 9,793
4			#10 THW SOLID	8	0%	8	FT	\$ 0.30	\$ 2.56	\$ 83.00	0.01	0.05	\$ 4.33	\$ 7

SAMPLE ESTIMATE											TOTAL BID PRICE		\$ 1,516,896	
											ADD QUOTATION FOR LIGHTING FIXTURES & 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
5			#12 THHN SOLID	62100	0%	62100	FT	\$ 0.18	\$ 10,960.11	\$ 83.00	0.00	268.27	\$ 22,266.74	\$ 33,227
6			#12 THW SOLID	110	0%	110	FT	\$ 0.19	\$ 21.36	\$ 83.00	0.01	0.59	\$ 49.31	\$ 71
CONDUITS - POWER														
1			3/4" CONDUIT - EMT	30710	0%	30710	FT	\$ 1.46	\$ 44,805.82	\$ 83.00	0.03	786.17	\$ 65,252.50	\$ 110,058
			3/4" CONN SS STL - EMT	2457	0%	2457	EA	\$ 0.25	\$ 604.91	\$ 83.00	0.08	196.56	\$ 16,314.48	\$ 16,919
			3/4" COUPLING SS STL - EMT	3071	0%	3071	EA	\$ 0.31	\$ 936.66	\$ 83.00	0.03	98.27	\$ 8,156.58	\$ 9,093
			3/4" 1-H STRAP - EMT - STEEL	4568	0%	4568	EA	\$ 0.08	\$ 376.40	\$ 83.00	0.04	197.34	\$ 16,379.02	\$ 16,755
2			3/4" CONDUIT - RMC - GALV	6	0%	6	FT	\$ 3.94	\$ 25.34	\$ 83.00	0.04	0.26	\$ 21.38	\$ 47
			3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 83.00	0.16	0.16	\$ 13.28	\$ 13
			3/4" 1-H STRAP - RMC - MALL	2	0%	2	EA	\$ 1.77	\$ 3.54	\$ 83.00	0.04	0.09	\$ 7.17	\$ 11
			49/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	1	0%	1	EA	\$ 52.38	\$ 52.38	\$ 83.00	0.36	0.36	\$ 29.88	\$ 82
			COVER ROUND BLANK - CI	1	0%	1	EA	\$ 13.82	\$ 13.82	\$ 83.00	0.05	0.05	\$ 3.98	\$ 18
			#8 TO #10x 7/8 PLAS ANCHOR (3/16)	2	0%	2	EA	\$ 0.03	\$ 0.06	\$ 83.00	0.05	0.10	\$ 7.97	\$ 8
			#10x 1 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 0.06	\$ 0.12	\$ 83.00	0.02	0.05	\$ 3.98	\$ 4
3			1/2" C LFMC	6	0%	6	FT	\$ 1.46	\$ 9.47	\$ 83.00	0.03	0.20	\$ 16.78	\$ 26
4			1/2" CONDUIT - PVC40	66	0%	66	FT	\$ 0.66	\$ 43.28	\$ 83.00	0.02	1.64	\$ 135.92	\$ 179
			1/2" ELBOW 90 DEG - RMC - GALV	4	0%	4	EA	\$ 4.50	\$ 18.00	\$ 83.00	0.18	0.70	\$ 58.43	\$ 76
			1/2" LOCKNUT - STEEL	6	0%	6	EA	\$ 0.12	\$ 0.72	\$ 83.00	0.01	0.09	\$ 7.17	\$ 8
			1/2" COUPLING - PVC	8	0%	8	EA	\$ 0.22	\$ 1.76	\$ 83.00	0.01	0.08	\$ 6.64	\$ 8
			1/2" ADAPTER FEM - PVC	6	0%	6	EA	\$ 0.32	\$ 1.92	\$ 83.00	0.06	0.38	\$ 31.87	\$ 34
5			1/2" CONDUIT - EMT	15229	0%	15229	FT	\$ 0.84	\$ 12,812.28	\$ 83.00	0.02	338.70	\$ 28,111.77	\$ 40,924
			1/2" CONN SS STL - EMT	1219	0%	1219	EA	\$ 0.15	\$ 184.56	\$ 83.00	0.06	78.02	\$ 6,475.33	\$ 6,660
			1/2" COUPLING SS STL - EMT	1523	0%	1523	EA	\$ 0.20	\$ 297.44	\$ 83.00	0.03	38.99	\$ 3,236.07	\$ 3,534
			1/2" 1-H STRAP - EMT - STEEL	2266	0%	2266	EA	\$ 0.07	\$ 151.14	\$ 83.00	0.04	88.83	\$ 7,372.66	\$ 7,524
6			1/2" CONDUIT - RMC - GALV	290	0%	290	FT	\$ 3.66	\$ 1,060.14	\$ 83.00	0.03	9.61	\$ 798.02	\$ 1,858
			1/2" MEASURE CUT & THREAD LABOR - RMC - GALV	12	0%	12	EA	\$ -	\$ -	\$ 83.00	0.14	1.65	\$ 137.05	\$ 137
			1/2" 1-H STRAP - RMC - MALL	44	0%	44	EA	\$ 1.26	\$ 55.57	\$ 83.00	0.04	1.72	\$ 143.16	\$ 199
			49/16x 1 15/16" DEEP CAST BOX W/ 4x 1/2" HUBS - CI	12	0%	12	EA	\$ 55.47	\$ 665.64	\$ 83.00	0.34	4.03	\$ 334.66	\$ 1,000
			COVER ROUND BLANK - CI	12	0%	12	EA	\$ 13.82	\$ 165.84	\$ 83.00	0.05	0.58	\$ 47.81	\$ 214
			#8 TO #10x 7/8 PLAS ANCHOR (3/16)	67	0%	67	EA	\$ 0.03	\$ 1.96	\$ 83.00	0.05	3.22	\$ 266.93	\$ 269
			#10x 1 P/H SELF-TAP SCREW	67	0%	67	EA	\$ 0.06	\$ 3.87	\$ 83.00	0.02	1.61	\$ 133.46	\$ 137
7			1" CONDUIT - EMT	2875	0%	2875	FT	\$ 2.55	\$ 7,341.31	\$ 83.00	0.03	93.15	\$ 7,731.45	\$ 15,073
			1" CONN SS STL - EMT	230	0%	230	EA	\$ 0.41	\$ 95.27	\$ 83.00	0.10	22.08	\$ 1,832.64	\$ 1,928
			1" COUPLING SS STL - EMT	288	0%	288	EA	\$ 0.47	\$ 136.31	\$ 83.00	0.04	11.52	\$ 956.16	\$ 1,092
			1" 1-H STRAP - EMT - STEEL	428	0%	428	EA	\$ 0.23	\$ 97.50	\$ 83.00	0.05	20.20	\$ 1,676.73	\$ 1,774
8			2" CONDUIT - EMT	297	0%	297	FT	\$ 5.48	\$ 1,624.63	\$ 83.00	0.05	16.13	\$ 1,338.85	\$ 2,963
			2" ELBOW 90 DEG - EMT	18	0%	18	EA	\$ 13.02	\$ 234.31	\$ 83.00	0.36	6.48	\$ 537.84	\$ 772
			2" CONN SS STL - EMT	24	0%	24	EA	\$ 1.67	\$ 40.03	\$ 83.00	0.16	3.84	\$ 318.72	\$ 359
			2" COUPLING SS STL - EMT	30	0%	30	EA	\$ 1.84	\$ 55.16	\$ 83.00	0.08	2.28	\$ 189.24	\$ 244
			2" BUSHING - PLASTIC	24	0%	24	EA	\$ 0.27	\$ 6.44	\$ 83.00	0.05	1.11	\$ 92.43	\$ 99
			2" 1-H STRAP - EMT - STEEL	30	0%	30	EA	\$ 0.67	\$ 20.12	\$ 83.00	0.07	2.21	\$ 183.26	\$ 203
			1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	30	0%	30	EA	\$ 0.43	\$ 12.77	\$ 83.00	0.06	1.92	\$ 159.36	\$ 172
9			2" CONDUIT - PVC40	137	0%	137	FT	\$ 3.19	\$ 438.38	\$ 83.00	0.05	7.48	\$ 620.43	\$ 1,059
			2" ELBOW 90 DEG - RMC - GALV	9	0%	9	EA	\$ 27.22	\$ 245.00	\$ 83.00	0.52	4.68	\$ 388.44	\$ 633
			2" LOCKNUT - STEEL	11	0%	11	EA	\$ 0.50	\$ 5.50	\$ 83.00	0.05	0.60	\$ 49.67	\$ 55
			2" COUPLING - PVC	17	0%	17	EA	\$ 0.65	\$ 11.04	\$ 83.00	0.04	0.68	\$ 56.44	\$ 67
			2" ADAPTER FEM - PVC	11	0%	11	EA	\$ 0.89	\$ 9.80	\$ 83.00	0.14	1.58	\$ 131.47	\$ 141
10			2" CONDUIT - RMC - GALV	6	0%	6	FT	\$ 12.17	\$ 78.34	\$ 83.00	0.08	0.54	\$ 44.90	\$ 123
			2" COUPLING - RMC - GALV	1	0%	1	EA	\$ 7.73	\$ 7.73	\$ 83.00	0.01	0.01	\$ 0.83	\$ 9
			2" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 27.22	\$ 27.22	\$ 83.00	0.52	0.52	\$ 43.16	\$ 70
			2" LOCKNUT - STEEL	2	0%	2	EA	\$ 0.50	\$ 1.00	\$ 83.00	0.05	0.11	\$ 9.03	\$ 10
			2" BUSHING - PLASTIC	1	0%	1	EA	\$ 0.27	\$ 0.27	\$ 83.00	0.05	0.05	\$ 3.85	\$ 4
			2" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 83.00	0.29	0.29	\$ 24.17	\$ 24
			2" SPRING STL CONDUIT CLAMP W/ BOLT	1	0%	1	EA	\$ 1.01	\$ 1.01	\$ 83.00	0.08	0.08	\$ 6.71	\$ 8
			1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	1	0%	1	EA	\$ 0.43	\$ 0.43	\$ 83.00	0.06	0.06	\$ 5.31	\$ 6
11			4" CONDUIT - PVC40	500	0%	500	FT	\$ 8.42	\$ 4,210.90	\$ 83.00	0.11	55.20	\$ 4,581.60	\$ 8,793

SAMPLE ESTIMATE											TOTAL BID PRICE		\$ 1,516,896	
											ADD QUOTATION FOR LIGHTING FIXTURES & 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
			4" ELBOW 90 DEG - RMC - GALV	20	0%	20	EA	\$ 110.94	\$ 2,218.80	\$ 83.00	1.55	31.04	\$ 2,576.32	\$ 4,795
			4" LOCKNUT - STEEL	40	0%	40	EA	\$ 1.54	\$ 61.45	\$ 83.00	0.10	4.03	\$ 334.66	\$ 396
			4" COUPLING - PVC	60	0%	60	EA	\$ 6.77	\$ 406.44	\$ 83.00	0.07	4.20	\$ 348.60	\$ 755
			4" ADAPTER FEM - PVC	40	0%	40	EA	\$ 3.31	\$ 132.20	\$ 83.00	0.32	12.80	\$ 1,062.40	\$ 1,195
12			PULLSTRING	500	0%	500	FT	\$ 0.18	\$ 90.00	\$ 83.00	0.01	2.50	\$ 207.50	\$ 298
CONDUCTORS - POWER														
1			#2 THHN	297	0%	297	FT	\$ 1.95	\$ 578.50	\$ 83.00	0.01	2.94	\$ 244.14	\$ 823
2			#2 THW	144	0%	144	FT	\$ 2.15	\$ 308.71	\$ 83.00	0.01	1.78	\$ 148.05	\$ 457
3			#3/0 THHN	76	0%	76	FT	\$ 4.15	\$ 317.16	\$ 83.00	0.02	1.15	\$ 95.35	\$ 413
4			#3/0 THW	412	0%	412	FT	\$ 4.57	\$ 1,882.91	\$ 83.00	0.02	7.75	\$ 643.24	\$ 2,526
5			#4/0 THHN	813	0%	813	FT	\$ 5.18	\$ 4,214.93	\$ 83.00	0.02	14.05	\$ 1,166.30	\$ 5,381
6			#4/0 THW	19	0%	19	FT	\$ 5.70	\$ 110.15	\$ 83.00	0.02	0.42	\$ 34.64	\$ 145
7			#8 THHN	9612	0%	9612	FT	\$ 0.54	\$ 5,156.05	\$ 83.00	0.01	53.83	\$ 4,467.81	\$ 9,624
8			#8 THW	95	0%	95	FT	\$ 0.59	\$ 55.79	\$ 83.00	0.01	0.66	\$ 54.94	\$ 111
9			#10 THHN SOLID	33429	0%	33429	FT	\$ 0.28	\$ 9,229.51	\$ 83.00	0.00	165.81	\$ 13,762.19	\$ 22,992
10			#10 THW SOLID	819	0%	819	FT	\$ 0.30	\$ 248.86	\$ 83.00	0.01	5.08	\$ 421.68	\$ 671
11			#12 THHN SOLID	103497	0%	103497	FT	\$ 0.18	\$ 18,266.10	\$ 83.00	0.00	447.10	\$ 37,109.71	\$ 55,376
12			#12 THW SOLID	198	0%	198	FT	\$ 0.19	\$ 38.46	\$ 83.00	0.01	1.07	\$ 88.78	\$ 127
								SUBTOTAL MATERIAL	\$ 167,587.77	SUBTOTAL LABOR	\$ 350,365.43			\$ 517,953
WIRING DEVICES														
DEVICES														
1			CALL BOX JUNCTION BOX	1	0%	1	EA	\$ 15.30	\$ 15.30	\$ 83.00	0.30	0.30	\$ 24.90	\$ 40
2			CEILING MOUNTED DUPLEX RECEPTACLE 'GFCI'	4	0%	4	EA	\$ 26.72	\$ 106.88	\$ 83.00	0.20	0.80	\$ 66.40	\$ 173
3			DUPLEX RECEPTACLE	998	0%	998	EA	\$ 15.81	\$ 15,778.38	\$ 83.00	0.16	159.68	\$ 13,253.44	\$ 29,032
			4x 1 1/2" SQ BOX COMB KO	998	0%	998	EA	\$ 1.00	\$ 995.60	\$ 83.00	0.18	183.63	\$ 15,241.46	\$ 16,237
			4" SQ 1G PLSTR RING 5/8" RISE	998	0%	998	EA	\$ 0.59	\$ 591.71	\$ 83.00	0.02	19.96	\$ 1,656.68	\$ 2,248
			GROUND SCREW W/ INSUL #12 LEAD	998	0%	998	EA	\$ 0.35	\$ 348.50	\$ 83.00	0.02	23.95	\$ 1,988.02	\$ 2,337
			#10x 3/4 P/H SELF-TAP SCREW	1996	0%	1996	EA	\$ 0.06	\$ 115.17	\$ 83.00	0.02	44.71	\$ 3,710.96	\$ 3,826
			1G DUPLEX REC PLATE - PLASTIC IVY	998	0%	998	EA	\$ 0.33	\$ 329.34	\$ 83.00	0.02	21.56	\$ 1,789.21	\$ 2,119
4			ELECTRICAL EQUIPMENT W/ BOX	5	0%	5	EA	\$ 15.30	\$ 76.50	\$ 83.00	0.30	1.50	\$ 124.50	\$ 201
5			FLOOR MOUNTED DUPLEX RECEPTACLE	29	0%	29	EA	\$ 120.00	\$ 3,480.00	\$ 83.00	1.20	34.80	\$ 2,888.40	\$ 6,368
6			DUPLEX RECEPTACLE GFCI	510	0%	510	EA	\$ 26.72	\$ 13,627.20	\$ 83.00	0.20	102.00	\$ 8,466.00	\$ 22,093
			4x 1 1/2" SQ BOX COMB KO	510	0%	510	EA	\$ 1.00	\$ 508.78	\$ 83.00	0.18	93.84	\$ 7,788.72	\$ 8,297
			4" SQ 1G PLSTR RING 5/8" RISE	510	0%	510	EA	\$ 0.59	\$ 302.38	\$ 83.00	0.02	10.20	\$ 846.60	\$ 1,149
			GROUND SCREW W/ INSUL #12 LEAD	510	0%	510	EA	\$ 0.35	\$ 178.09	\$ 83.00	0.02	12.24	\$ 1,015.92	\$ 1,194
			#10x 3/4 P/H SELF-TAP SCREW	1020	0%	1020	EA	\$ 0.06	\$ 58.85	\$ 83.00	0.02	22.85	\$ 1,896.38	\$ 1,955
			1G DUPLEX REC PLATE - PLASTIC IVY	510	0%	510	EA	\$ 0.33	\$ 168.30	\$ 83.00	0.02	11.02	\$ 914.33	\$ 1,083
7			DUPLEX RECEPTACLE GFCI WP	45	0%	45	EA	\$ 26.72	\$ 1,202.40	\$ 83.00	0.20	9.00	\$ 747.00	\$ 1,949
			4x 1 1/2" SQ BOX COMB KO	45	0%	45	EA	\$ 1.00	\$ 44.89	\$ 83.00	0.18	8.28	\$ 687.24	\$ 732
			4" SQ 1G PLSTR RING 5/8" RISE	45	0%	45	EA	\$ 0.59	\$ 26.68	\$ 83.00	0.02	0.90	\$ 74.70	\$ 101
			GROUND SCREW W/ INSUL #12 LEAD	45	0%	45	EA	\$ 0.35	\$ 15.71	\$ 83.00	0.02	1.08	\$ 89.64	\$ 105
			#10x 3/4 P/H SELF-TAP SCREW	90	0%	90	EA	\$ 0.06	\$ 5.19	\$ 83.00	0.02	2.02	\$ 167.33	\$ 173
			1G DECOR WP PLATE - DEVICE MNT VERT - ALUM	45	0%	45	EA	\$ 19.68	\$ 885.60	\$ 83.00	0.05	2.16	\$ 179.28	\$ 1,065
8			J' JUNCTION BOX	246	0%	246	EA	\$ 15.30	\$ 3,763.80	\$ 83.00	0.30	73.80	\$ 6,125.40	\$ 9,889
9			J' JUNCTION BOX (WP)	1	0%	1	EA	\$ 18.60	\$ 18.60	\$ 83.00	0.32	0.32	\$ 26.56	\$ 45
10			QUAD RECEPTACLE	9	0%	9	EA	\$ 39.36	\$ 354.24	\$ 83.00	0.32	2.88	\$ 239.04	\$ 593
			4x 1 1/2" SQ BOX COMB KO	9	0%	9	EA	\$ 1.00	\$ 8.98	\$ 83.00	0.18	1.66	\$ 137.45	\$ 146
			4" SQ 2G PLSTR RING 5/8" RISE	9	0%	9	EA	\$ 0.92	\$ 8.32	\$ 83.00	0.02	0.18	\$ 14.94	\$ 23
			GROUND SCREW W/ INSUL #12 LEAD	9	0%	9	EA	\$ 0.35	\$ 3.14	\$ 83.00	0.02	0.22	\$ 17.93	\$ 21
			#10x 3/4 P/H SELF-TAP SCREW	18	0%	18	EA	\$ 0.06	\$ 1.04	\$ 83.00	0.02	0.40	\$ 33.47	\$ 35
			2G DUPLEX REC PLATE - PLASTIC IVY	9	0%	9	EA	\$ 0.70	\$ 6.30	\$ 83.00	0.03	0.28	\$ 23.31	\$ 30
11			SIMPLEX RECEPTACLE	15	0%	15	EA	\$ 15.56	\$ 233.40	\$ 83.00	0.12	1.80	\$ 149.40	\$ 383
			4x 1 1/2" SQ BOX COMB KO	15	0%	15	EA	\$ 1.00	\$ 14.96	\$ 83.00	0.18	2.76	\$ 229.08	\$ 244

SAMPLE ESTIMATE										TOTAL BID PRICE		\$ 1,516,896			
										ADD QUOTATION FOR LIGHTING FIXTURES & 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	
5			SC' CARBON MONOXIDE DETECTOR	86	0%	86	EA		\$ -	\$ 83.00		-	\$ -	\$ -	
6			TV' CABLE TELEVISION OUTLET	140	0%	140	EA		\$ -	\$ 83.00		-	\$ -	\$ -	
6			BACKBOX	328	0%	328	EA	\$ 8.60	\$ 2,820.80	\$ 83.00	0.20	65.60	\$ 5,444.80	\$ 8,266	
								SUBTOTAL MATERIAL	\$ 7,933.03	SUBTOTAL LABOR	\$ 17,059.09				\$ 24,992
												TOTAL MATERIAL COST	\$ 358,945		
												TOTAL LABOR COST	\$ 727,890		
												TOTAL LABOR HOURS	8,770		

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
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 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	EXCLUDES ANY SAW CUTTING OF CONCRETE
5	EXCLUDES ANY PATCHING OF CONCRETE
6	CONTROL CABLES, COAX & CAT5 CABLING FOR THE DATA SYSTEM IS EXCLUDED
7	VOICE/DATA OUTLETS ARE EXCLUDED
SR. NO.	NOTES
1	
2	