



**DATE:** -/-/  
**Project**  
**Project Location**

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SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR HOURS	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL LABOR HOURS	LABOR RATE		UNIT ITEM COST	TOTAL ITEM COST
										TOTAL MATERIAL COST	TOTAL LABOR COST		
<b>NEW WORK</b>													
<b>CONDUCTORS</b>													
1	2#16, FPLP Cable	287	10%	316	FT	0.032	\$ 0.39	\$ 1.92	10.1	\$ 123	\$ 607	\$ 2	\$ 730
2	2#14, FPLP Cable	865	10%	951	FT	0.034	\$ 0.42	\$ 2.04	32.3	\$ 400	\$ 1,941	\$ 2	\$ 2,340
3	CAT6 Cable	9767	10%	10743	FT	0.058	\$ 0.78	\$ 3.48	623.1	\$ 8,380	\$ 37,387	\$ 4	\$ 45,766
4	CAT5 Cable	231	10%	254	FT	0.047	\$ 0.70	\$ 2.82	11.9	\$ 178	\$ 717	\$ 4	\$ 894
5	#22 THHN/THWN Cu	653	10%	718	FT	0.030	\$ 0.34	\$ 1.80	21.5	\$ 244	\$ 1,292	\$ 2	\$ 1,536
6	#18 THHN/THWN Cu	2925	10%	3217	FT	0.033	\$ 0.38	\$ 1.98	106.2	\$ 1,222	\$ 6,370	\$ 2	\$ 7,592
7	#12 THHN/THWN Cu	35095	10%	38604	FT	0.040	\$ 0.44	\$ 2.40	1544.2	\$ 16,986	\$ 92,651	\$ 3	\$ 109,636
8	#10 THHN/THWN Cu	10066	10%	11073	FT	0.050	\$ 0.59	\$ 3.00	553.6	\$ 6,533	\$ 33,218	\$ 4	\$ 39,751
9	#8 THHN/THWN Cu	2269	10%	2496	FT	0.062	\$ 0.74	\$ 3.69	153.6	\$ 1,847	\$ 9,215	\$ 4	\$ 11,062
10	#6 THHN/THWN Cu	1304	10%	1434	FT	0.062	\$ 0.95	\$ 3.69	88.2	\$ 1,362	\$ 5,295	\$ 5	\$ 6,657
11	#4 THHN/THWN Cu	108	10%	119	FT	0.070	\$ 1.08	\$ 4.20	8.4	\$ 129	\$ 501	\$ 5	\$ 630
12	#3 THHN/THWN Cu	1932	10%	2126	FT	0.070	\$ 1.15	\$ 4.20	148.8	\$ 2,445	\$ 8,928	\$ 5	\$ 11,373
13	#2 THHN/THWN Cu	998	10%	1097	FT	0.070	\$ 1.22	\$ 4.20	76.8	\$ 1,339	\$ 4,609	\$ 5	\$ 5,947
14	#1 THHN/THWN Cu	40	10%	44	FT	0.070	\$ 1.28	\$ 4.20	3.1	\$ 56	\$ 185	\$ 5	\$ 241
15	#2/0 THHN/THWN Cu	25	10%	27	FT	0.072	\$ 1.45	\$ 4.32	2.0	\$ 40	\$ 118	\$ 6	\$ 158
16	#3/0 THHN/THWN Cu	3112	10%	3423	FT	0.072	\$ 1.45	\$ 4.32	246.5	\$ 4,963	\$ 14,787	\$ 6	\$ 19,751
17	#350KCMIL	160	10%	176	FT	0.080	\$ 22.51	\$ 4.80	14.1	\$ 3,956	\$ 844	\$ 27	\$ 4,799
18	#400MCM, AL	1868	10%	2055	FT	0.085	\$ 48.36	\$ 5.10	174.7	\$ 99,366	\$ 10,479	\$ 53	\$ 109,845
<b>CONDUITS</b>													
1	1/2"C EMT	13581	10%	14939	FT	0.047	\$ 0.76	\$ 2.82	702.1	\$ 11,354	\$ 42,128	\$ 4	\$ 53,481
2	3/4"C EMT	1313	10%	1445	FT	0.062	\$ 1.22	\$ 3.72	89.6	\$ 1,762	\$ 5,374	\$ 5	\$ 7,136
3	1"C EMT	174	10%	192	FT	0.070	\$ 1.91	\$ 4.20	13.4	\$ 366	\$ 805	\$ 6	\$ 1,172
4	1-1/4"C EMT	797	10%	876	FT	0.078	\$ 2.30	\$ 4.68	68.4	\$ 2,016	\$ 4,101	\$ 7	\$ 6,117
5	2"C EMT	111	10%	122	FT	0.100	\$ 3.42	\$ 6.00	12.2	\$ 416	\$ 730	\$ 9	\$ 1,146
6	3"C EMT	40	10%	44	FT	0.150	\$ 4.61	\$ 9.00	6.6	\$ 203	\$ 395	\$ 14	\$ 598
7	1/2"C PVC SCH 40	231	10%	254	FT	0.030	\$ 0.48	\$ 1.80	7.6	\$ 122	\$ 457	\$ 2	\$ 579
8	3/4"C PVC SCH 40	942	10%	1036	FT	0.038	\$ 0.65	\$ 2.28	39.4	\$ 673	\$ 2,362	\$ 3	\$ 3,035
9	1"C PVC SCH 40	54	10%	59	FT	0.050	\$ 0.92	\$ 3.00	3.0	\$ 55	\$ 178	\$ 4	\$ 233
10	1-1/4"C PVC SCH 40	132	10%	145	FT	0.056	\$ 1.30	\$ 3.36	8.1	\$ 189	\$ 488	\$ 5	\$ 676
11	1-1/2"C PVC SCH 40	28	10%	31	FT	0.068	\$ 1.72	\$ 4.08	2.1	\$ 54	\$ 128	\$ 6	\$ 181
12	2"C PVC SCH 40	1482	10%	1630	FT	0.075	\$ 2.41	\$ 4.50	122.2	\$ 3,928	\$ 7,334	\$ 7	\$ 11,261
13	3"C PVC SCH 40	467	10%	514	FT	0.086	\$ 3.06	\$ 5.16	44.2	\$ 1,572	\$ 2,651	\$ 8	\$ 4,222
14	5"C PVC SCH 40	1187	10%	1306	FT	0.130	\$ 4.91	\$ 7.80	169.8	\$ 6,412	\$ 10,187	\$ 13	\$ 16,599
<b>GROUNDING EQUIPMENT</b>													
1	3/4" Dia x 10FT Copper Ground Rod	3	0%	3	EA	1.000	\$ 116.00	\$ 60.00	3.0	\$ 348	\$ 180	\$ 176	\$ 528
<b>TRENCH</b>													
1	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labour and Material/Equipment. (Assumed)	3488	0%	3488	CUB FT	0.018	\$ -	\$ 1.08	62.8	\$ -	\$ 3,767	\$ 1	\$ 3,767
<b>POWER DISTRIBUTION (ONLY LABOR COST)</b>													

1	Utility Transformer 120/208V, 3PH, 4W, 34000 SCA	1	0%	1	EA	30.000	\$ -	\$ 1,800.00	30.0	\$ -	\$ 1,800	\$ 1,800	\$ 1,800
2	SPD, 200KA per Phase	1	0%	1	EA	15.000	\$ -	\$ 900.00	15.0	\$ -	\$ 900	\$ 900	\$ 900
3	Portable Generator, 10KW	1	0%	1	EA	44.000	\$ -	\$ 2,640.00	44.0	\$ -	\$ 2,640	\$ 2,640	\$ 2,640
<b>PANELS (ONLY LABOR COST)</b>													
1	Panel MDP, 800A Bus, 800A Main Breaker, 120/208V, 3PH, 4W, 35KAIC, NEMA 1	1	0%	1	EA	60.000	\$ -	\$ 3,600.00	60.0	\$ -	\$ 3,600	\$ 3,600	\$ 3,600
2	Load Center EM, 100A Bus, 120/208V, 1PH, 3W, 35KAIC, NEMA 1	1	0%	1	EA	12.308	\$ -	\$ 738.48	12.3	\$ -	\$ 738	\$ 738	\$ 738
3	Load Center R, 100A Bus, 120/208V, 1PH, 3W, 10KAIC, NEMA 1	1	0%	1	EA	12.308	\$ -	\$ 738.48	12.3	\$ -	\$ 738	\$ 738	\$ 738
4	Panel A/1, 600A Bus, 120/208V, 3PH, 4W, 35KAIC, NEMA 1	1	0%	1	EA	40.000	\$ -	\$ 2,400.00	40.0	\$ -	\$ 2,400	\$ 2,400	\$ 2,400
5	Panel A/2, 600A Bus, 120/208V, 3PH, 4W, 35KAIC, NEMA 1	1	0%	1	EA	40.000	\$ -	\$ 2,400.00	40.0	\$ -	\$ 2,400	\$ 2,400	\$ 2,400
6	Panel B, 600A Bus, 120/208V, 3PH, 4W, 18KAIC, NEMA 1	1	0%	1	EA	40.000	\$ -	\$ 2,400.00	40.0	\$ -	\$ 2,400	\$ 2,400	\$ 2,400
7	Panel C, 600A Bus, 120/208V, 3PH, 4W, 18KAIC, NEMA 1	1	0%	1	EA	40.000	\$ -	\$ 2,400.00	40.0	\$ -	\$ 2,400	\$ 2,400	\$ 2,400
8	Panel D, 100A Bus, 120/208V, 3PH, 4W, 10KAIC, NEMA 1	1	0%	1	EA	12.308	\$ -	\$ 738.48	12.3	\$ -	\$ 738	\$ 738	\$ 738
<b>DISCONNECT SWITCHES</b>													
1	2 Pole, 80A Disconnect Switch	7	0%	7	EA	0.650	\$ 48.50	\$ 39.00	4.6	\$ 340	\$ 273	\$ 88	\$ 613
2	2 Pole, 60A, Disconnect Switch	5	0%	5	EA	0.584	\$ 41.30	\$ 35.04	2.9	\$ 207	\$ 175	\$ 76	\$ 382
3	2 Pole, 60A, 3R, Disconnect Switch	12	0%	12	EA	0.584	\$ 35.60	\$ 35.04	7.0	\$ 427	\$ 420	\$ 71	\$ 848
4	2 Pole, 30A, Disconnect Switch	6	0%	6	EA	0.570	\$ 30.20	\$ 34.20	3.4	\$ 181	\$ 205	\$ 64	\$ 386
5	2 Pole, 30A, 3R, Disconnect Switch	2	0%	2	EA	0.570	\$ 30.20	\$ 34.20	1.1	\$ 60	\$ 68	\$ 64	\$ 129
<b>SWITCHES</b>													
1	St, Digital Push Button Timer Switch	1	0%	1	EA	1.000	\$ 130.00	\$ 60.00	1.0	\$ 130	\$ 60	\$ 190	\$ 190
2	Single Pole Switch	17	0%	17	EA	0.468	\$ 7.00	\$ 28.08	8.0	\$ 119	\$ 477	\$ 35	\$ 596
3	3 Pole, 70A, Safety Switch	1	0%	1	EA	0.650	\$ 14.00	\$ 39.00	0.7	\$ 14	\$ 39	\$ 53	\$ 53
<b>CIRCUIT BREAKERS (ONLY LABOR COST)</b>													
1	1P/20A	158	0%	158	EA	0.400	\$ -	\$ 24.00	63.2	\$ -	\$ 3,792	\$ 24	\$ 3,792
2	2P/20A	4	0%	4	EA	0.500	\$ -	\$ 30.00	2.0	\$ -	\$ 120	\$ 30	\$ 120
3	2P/25A	4	0%	4	EA	0.500	\$ -	\$ 30.00	2.0	\$ -	\$ 120	\$ 30	\$ 120
4	2P/30A	8	0%	8	EA	0.500	\$ -	\$ 30.00	4.0	\$ -	\$ 240	\$ 30	\$ 240
5	2P/35A	3	0%	3	EA	0.500	\$ -	\$ 30.00	1.5	\$ -	\$ 90	\$ 30	\$ 90
6	2P/40A	6	0%	6	EA	0.500	\$ -	\$ 30.00	3.0	\$ -	\$ 180	\$ 30	\$ 180
7	2P/50A	3	0%	3	EA	0.500	\$ -	\$ 30.00	1.5	\$ -	\$ 90	\$ 30	\$ 90
8	2P/60A	6	0%	6	EA	0.500	\$ -	\$ 30.00	3.0	\$ -	\$ 180	\$ 30	\$ 180
9	2P/80A	7	0%	7	EA	0.500	\$ -	\$ 30.00	3.5	\$ -	\$ 210	\$ 30	\$ 210
10	2P/100A	2	0%	2	EA	0.500	\$ -	\$ 30.00	1.0	\$ -	\$ 60	\$ 30	\$ 60
11	3P/60A	1	0%	1	EA	0.600	\$ -	\$ 36.00	0.6	\$ -	\$ 36	\$ 36	\$ 36
12	3P/70A	1	0%	1	EA	0.600	\$ -	\$ 36.00	0.6	\$ -	\$ 36	\$ 36	\$ 36
13	3P/100A	2	0%	2	EA	0.800	\$ -	\$ 48.00	1.6	\$ -	\$ 96	\$ 48	\$ 96
14	3P/400A	2	0%	2	EA	0.890	\$ -	\$ 53.40	1.8	\$ -	\$ 107	\$ 53	\$ 107
15	3P/600A	1	0%	1	EA	1.000	\$ -	\$ 60.00	1.0	\$ -	\$ 60	\$ 60	\$ 60
<b>RECEPTACLES</b>													
1	220V Receptacle, NEMA 15-50R	5	0%	5	EA	0.800	\$ 24.00	\$ 48.00	4.0	\$ 120	\$ 240	\$ 72	\$ 360
2	Duplex Receptacle	61	0%	61	EA	0.550	\$ 10.00	\$ 33.00	33.6	\$ 610	\$ 2,013	\$ 43	\$ 2,623
3	Duplex Receptacle, Above Counter	22	0%	22	EA	0.550	\$ 10.00	\$ 33.00	12.1	\$ 220	\$ 726	\$ 43	\$ 946
4	Duplex Receptacle, GFI	3	0%	3	EA	0.296	\$ 54.00	\$ 17.76	0.9	\$ 162	\$ 53	\$ 72	\$ 215
5	Duplex Receptacle, GFI, Above Counter	17	0%	17	EA	0.296	\$ 54.00	\$ 17.76	5.0	\$ 918	\$ 302	\$ 72	\$ 1,220
6	Duplex Receptacle, GFI, WP	19	0%	19	EA	0.296	\$ 65.00	\$ 17.76	5.6	\$ 1,235	\$ 337	\$ 83	\$ 1,572
7	Duplex Receptacle, Half Switched	13	0%	13	EA	0.500	\$ 8.00	\$ 30.00	6.5	\$ 104	\$ 390	\$ 38	\$ 494
8	Quadplex Receptacle	7	0%	7	EA	0.750	\$ 22.00	\$ 45.00	5.3	\$ 154	\$ 315	\$ 67	\$ 469
9	Quadplex Receptacle, GFI	2	0%	2	EA	0.900	\$ 30.00	\$ 54.00	1.8	\$ 60	\$ 108	\$ 84	\$ 168
10	Special Receptacle, 120/240V, NEMA 14-50R	1	0%	1	EA	1.501	\$ 38.00	\$ 90.06	1.5	\$ 38	\$ 90	\$ 128	\$ 128

LIGHTING FIXTURES (ONLY LABOR COST)															
1	A1, DESCRIPTION: RECESSED DOWNLIGHT - DAMP LOCATION LISTED, VOLTS: 120, FIXTURE WATTS: 16, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G3DR L2 358; IC630 HZ SF	9	0%	9	EA	1.200	\$	-	\$ 72.00	10.8	\$	-	\$ 648	\$ 72	\$ 648
2	A1E, DESCRIPTION: SAME AS TYPE A1 EXCEPT WITH 550 LUMEN 90-MINUTE EMERGENCY BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 16, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G3DR L2 358 EM7; IC630 HZ SF	2	0%	2	EA	1.200	\$	-	\$ 72.00	2.4	\$	-	\$ 144	\$ 72	\$ 144
3	A2, DESCRIPTION: SAME AS TYPE A1 EXCEPT WITH 1000 LUMEN OUTPUT, VOLTS: 120, FIXTURE WATTS: 13, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G3DR L1 358; IC630 HZ SF	7	0%	7	EA	1.000	\$	-	\$ 60.00	7.0	\$	-	\$ 420	\$ 60	\$ 420
4	A2E, DESCRIPTION: SAME AS TYPE A2 EXCEPT WITH 550 LUMEN 90-MINUTE EMERGENCY BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 13, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G3DR L1 358 EM7; IC630 HZ SF	1	0%	1	EA	1.000	\$	-	\$ 60.00	1.0	\$	-	\$ 60	\$ 60	\$ 60
5	A3, DESCRIPTION: SAME AS TYPE A1 EXCEPT WITH 3000 LUMEN OUTPUT, VOLTS: 120, FIXTURE WATTS: 26, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G4DR L5 358; IC630 HZ SF	6	0%	6	EA	1.500	\$	-	\$ 90.00	9.0	\$	-	\$ 540	\$ 90	\$ 540
6	A3E, DESCRIPTION: SAME AS TYPE A3 EXCEPT WITH 550 LUMEN 90-MINUTE EMERGENCY BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 26, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G4DR L5 358 EM7; IC630 HZ SF	2	0%	2	EA	1.500	\$	-	\$ 90.00	3.0	\$	-	\$ 180	\$ 90	\$ 180
7	AW, DESCRIPTION: RECESSED DOWNLIGHT - WET LOCATION LISTED, VOLTS: 120, FIXTURE WATTS: 13, MTG: RECESSED, MFR: INTENSE, CTLG#: SS6G3DR L1 358; IC632 HZ SF CR	1	0%	1	EA	1.000	\$	-	\$ 60.00	1.0	\$	-	\$ 60	\$ 60	\$ 60
8	B, DESCRIPTION: 14" ROUND PENDANT WITH METAL SHADE, VOLTS: 120, FIXTURE WATTS: 17, MTG: PENDANT, 96" AFF TO BOTTOM, MFR: BARN LIGHT ELECTRIC, CTLG#: BLE-C DBW14 200 CMG 200 HSC LED16 2700K	3	0%	3	EA	2.000	\$	-	\$ 120.00	6.0	\$	-	\$ 360	\$ 120	\$ 360
9	C1, DESCRIPTION: 4 FT WRAPAROUND, VOLTS: 120, FIXTURE WATTS: 53, MTG: SURFACE, MFR: HE WILLIAMS, CTLG#: 17 4 L55 AF DRV UNV	27	0%	27	EA	1.000	\$	-	\$ 60.00	27.0	\$	-	\$ 1,620	\$ 60	\$ 1,620
10	C1E, DESCRIPTION: SAME AS TYPE C1 EXCEPT WITH 1000 LUMEN 90-MINUTE EMERGENCY BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 53, MTG: SURFACE, MFR: HE WILLIAMS, CTLG#: 17 4 L55 AF EM/10W DRV UNV	18	0%	18	EA	1.800	\$	-	\$ 108.00	32.4	\$	-	\$ 1,944	\$ 108	\$ 1,944
11	C2, DESCRIPTION: 2 FT WRAPAROUND, VOLTS: 120, FIXTURE WATTS: 31, MTG: SURFACE, MFR: HE WILLIAMS, CTLG#: 17 2 835 AF DRV UNV	24	0%	24	EA	1.500	\$	-	\$ 90.00	36.0	\$	-	\$ 2,160	\$ 90	\$ 2,160
12	C2A, DESCRIPTION: 2 FT VANITY LIGHT, VOLTS: 120, FIXTURE WATTS: 18, MTG: WALL, 84" AFF, MFR: LITHONIA, CTLG#: FMVTSL 24IN MVOLT 30K 90CRI	1	0%	1	EA	1.500	\$	-	\$ 90.00	1.5	\$	-	\$ 90	\$ 90	\$ 90
13	CF1, DESCRIPTION: HVLS 10 FT DIAMETER FAN (1200 FAN WATTS MAX) - NOTE 3, VOLTS: 208, FIXTURE WATTS: --, MTG: PENDANT, NOTE 5, MFR: HUNTER, CTLG#: ECO 10 SERIES	4	0%	4	EA	2.000	\$	-	\$ 120.00	8.0	\$	-	\$ 480	\$ 120	\$ 480
14	CF3, DESCRIPTION: 44" THREE BLADE CEILING FAN (100 FAN WATTS MAX) WITH REMOTE, VOLTS: 120, FIXTURE WATTS: 18, MTG: PENDANT TO CEILING, MFR: CASABLANCA, CTLG#: VERSE 44 INCH LED WHITE WITH REMOTE	6	0%	6	EA	2.500	\$	-	\$ 150.00	15.0	\$	-	\$ 900	\$ 150	\$ 900
15	CF4, DESCRIPTION: 52" FIVE BLADE CEILING FAN (100 FAN WATTS MAX), VOLTS: 120, FIXTURE WATTS: 8, MTG: PENDANT TO CEILING, MFR: HARBOR BREEZE, CTLG#: CC52WWW5L	2	0%	2	EA	3.000	\$	-	\$ 180.00	6.0	\$	-	\$ 360	\$ 180	\$ 360
16	D1, DESCRIPTION: 4 FT LENSED STRIP FIXTURE, VOLTS: 120, FIXTURE WATTS: 45, MTG: SURFACE, MFR: DAY-BRITE, CTLG#: FSS 4 55L 835 UNV DIM	7	0%	7	EA	1.500	\$	-	\$ 90.00	10.5	\$	-	\$ 630	\$ 90	\$ 630
17	D1E, DESCRIPTION: SAME AS TYPE D1 EXCEPT WITH 1100 LUMEN 90-MINUTE EMERGENCY BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 45, MTG: SURFACE, MFR: DAY-BRITE, CTLG#: FSS 4 55L 835 UNV DIM EMLED	3	0%	3	EA	1.500	\$	-	\$ 90.00	4.5	\$	-	\$ 270	\$ 90	\$ 270
18	D2, DESCRIPTION: 4 FT FLAT LENSED (FULL-CUTOFF) STRIP FIXTURE WITH INTEGRAL MOTION AND DAYLIGHT SENSOR, WET RATED, -20C OPERATING, VOLTS: 120, FIXTURE WATTS: 19, MTG: WALL, 8" BELOW CANOPY, MFR: AXIS, CTLG#: WBWLED 500 80 40 S 4 W 120 LT-LDE5 1 OS/PC	35	0%	35	EA	1.200	\$	-	\$ 72.00	42.0	\$	-	\$ 2,520	\$ 72	\$ 2,520
19	D2E, DESCRIPTION: SAME AS TYPE D2A EXCEPT WITH 90-MINUTE BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 19, MTG: WALL, 8" BELOW CANOPY, MFR: AXIS, CTLG#: WBWLED 500 80 40 S 4 W 120 LT-LDE5 1 B OS/PC	9	0%	9	EA	1.200	\$	-	\$ 72.00	10.8	\$	-	\$ 648	\$ 72	\$ 648

20	D3, DESCRIPTION: SAME AS TYPE D1 EXCEPT WITH 7000 LUMEN PACKAGE, VOLTS: 120, FIXTURE WATTS: 58, MTG: SURFACE, MFR: DAY-BRITE, CTLG#: FSS 4 70L 835 UNV DIM	69	0%	69	EA	1.200	\$ -	\$ 72.00	82.8	\$ -	\$ 4,968	\$ 72	\$ 4,968
21	D3E, DESCRIPTION: SAME AS TYPE D3 EXCEPT WITH 1100 LUMEN 90-MINUTE EMERGENCY BACKUP, VOLTS: 120, FIXTURE WATTS: 58, MTG: SURFACE, MFR: DAY-BRITE, CTLG#: FSS 4 70L 835 UNV DIM EMLD	16	0%	16	EA	1.200	\$ -	\$ 72.00	19.2	\$ -	\$ 1,152	\$ 72	\$ 1,152
22	F1, DESCRIPTION: 2 FT X 4 FT RECESSED LENSED FIXTURE, VOLTS: 120, FIXTURE WATTS: 39, MTG: RECESSED GRID, MFR: HE WILLIAMS, CTLG#: LPT 2 4 L42 835 S AF12095 DRV UNV	10	0%	10	EA	1.509	\$ -	\$ 90.54	15.1	\$ -	\$ 905	\$ 91	\$ 905
23	F1E, DESCRIPTION: SAME AS TYPE F1 EXCEPT WITH 1100 LUMEN 90-MINUTE EMERGENCY BACKUP, VOLTS: 120, FIXTURE WATTS: 39, MTG: RECESSED GRID, MFR: HE WILLIAMS, CTLG#: LPT 2 4 L42 835 S AF12095 EM/10W DRV UNV	4	0%	4	EA	1.600	\$ -	\$ 96.00	6.4	\$ -	\$ 384	\$ 96	\$ 384
24	G, DESCRIPTION: HIGH BAY WITH LENS DIFFUSER, VOLTS: 120, FIXTURE WATTS: 187, MTG: SUSPENDED, LEVEL WITH THE BOTTOM OF THE CEILING FAN, MFR: HE WILLIAMS, CTLG#: GP2 L230 840 W DL GS/Y26/10 DRV UNV	4	0%	4	EA	1.500	\$ -	\$ 90.00	6.0	\$ -	\$ 360	\$ 90	\$ 360
25	H, DESCRIPTION: 2FT UNDERCABINET LIGHT WITH INTEGRAL ROCKER SWITCH, VOLTS: 120, FIXTURE WATTS: 14, MTG: UNDERCABINET, MFR: HE WILLIAMS, CTLG#: 1SF 2 L12 835 AF12125 WRS/120 DRV 120	2	0%	2	EA	1.500	\$ -	\$ 90.00	3.0	\$ -	\$ 180	\$ 90	\$ 180
26	J, DESCRIPTION: MONO-POINT TRACK LIGHT FOR ARTWORK ACCENT WITH 90+ CRI, VOLTS: 120, FIXTURE WATTS: 21, MTG: SURFACE, MFR: INTENSE, CTLG#: OB1G2C L4 359 -DELV W -37	6	0%	6	EA	1.000	\$ -	\$ 60.00	6.0	\$ -	\$ 360	\$ 60	\$ 360
27	K, DESCRIPTION: EXAM LIGHT, OWNER PURCHASED, CONTRACTOR INSTALLED, VOLTS: 120, FIXTURE WATTS: --, MTG: CEILING, MFR: OWNER PURCHASED, CTLG#: OWNER PURCHASED	3	0%	3	EA	1.000	\$ -	\$ 60.00	3.0	\$ -	\$ 180	\$ 60	\$ 180
28	N, DESCRIPTION: 6" ADJUSTABLE DOWNLIGHT - ADJUST IN FIELD TO HIGHLIGHT LOGO, VOLTS: 120, FIXTURE WATTS: 14, MTG: RECESSED, MFR: INTENSE, CTLG#: GD6AR L3 35 NF IRA600 HZ SF	2	0%	2	EA	1.000	\$ -	\$ 60.00	2.0	\$ -	\$ 120	\$ 60	\$ 120
29	SA1, DESCRIPTION: SITE AREA LIGHT WITH POLE, VOLTS: 120, FIXTURE WATTS: 51, MTG: 25 FT AFG ON POLE NOTED BELOW, MFR: GARDCO, CTLG#: SFA 32L 500 NW-G2 AR 3 UNV **	9	0%	9	EA	3.000	\$ -	\$ 180.00	27.0	\$ -	\$ 1,620	\$ 180	\$ 1,620
30	W1, DESCRIPTION: EXTERIOR WALL PACK, VOLTS: 120, FIXTURE WATTS: 36, MTG: WALL - NOTE 4, MFR: HE WILLIAMS, CTLG#: VWP H L30 T3 * SDGL UNV	5	0%	5	EA	2.000	\$ -	\$ 120.00	10.0	\$ -	\$ 600	\$ 120	\$ 600
31	W1E, DESCRIPTION: SAME AS TYPE W1A EXCEPT WITH 1000 LUMEN LOW TEMPERATURE BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: 36, MTG: WALL - NOTE 4, MFR: HE WILLIAMS, CTLG#: VWP H L30 T3 * SDGL EM/10WC UNV	3	0%	3	EA	2.000	\$ -	\$ 120.00	6.0	\$ -	\$ 360	\$ 120	\$ 360
32	W2, DESCRIPTION: TWO-HEAD MOTION SENSOR AND PHOTOCCELL SECURITY LIGHT, VOLTS: 120, FIXTURE WATTS: 15, MTG: WALL - NOTE 4, MFR: PROGRESS, CTLG#: P6341 ** 30K	5	0%	5	EA	3.000	\$ -	\$ 180.00	15.0	\$ -	\$ 900	\$ 180	\$ 900
33	W4, DESCRIPTION: GOOSENECK, VERIFY MTG HT WITH ARCH, VOLTS: 120, FIXTURE WATTS: 16, MTG: WALL - NOTE 4, MFR: BARN LIGHT, CTLG#: BLE-G WHS14 975 CGG FST G11 LDCHX LED16.8 3500	5	0%	5	EA	1.500	\$ -	\$ 90.00	7.5	\$ -	\$ 450	\$ 90	\$ 450
34	W5, DESCRIPTION: EXTERIOR LOW PROFILE WALL PACK, VOLTS: 120, FIXTURE WATTS: 15, MTG: WALL - NOTE 4, MFR: STONCO, CTLG#: PW 15 NW-G1 8 BZ	6	0%	6	EA	2.000	\$ -	\$ 120.00	12.0	\$ -	\$ 720	\$ 120	\$ 720
35	X, DESCRIPTION: UNIVERSAL THERMOPLASTIC RED LED EXIT SIGN WITH 90- MINUTE BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: --, MTG: SURFACE, MFR: BEGHELLI, CTLG#: VA4 R SA	23	0%	23	EA	1.000	\$ -	\$ 60.00	23.0	\$ -	\$ 1,380	\$ 60	\$ 1,380
36	XY, DESCRIPTION: DIE-CAST COMBINATION EMERGENCY LIGHT AND RED LED EXIT SIGN WITH 90-MINUTE BATTERY BACKUP, VOLTS: 120, FIXTURE WATTS: --, MTG: SURFACE, MFR: BEGHELLI, CTLG#: FRM-C LR 1 * *	1	0%	1	EA	1.000	\$ -	\$ 60.00	1.0	\$ -	\$ 60	\$ 60	\$ 60
<b>LIGHTING CONTROLS</b>													
1	Sov, Override Switch	4	0%	4	EA	0.950	\$ 45.00	\$ 57.00	3.8	\$ 180	\$ 228	\$ 102	\$ 408
2	Soc, Occupancy Sensor Switch	14	0%	14	EA	0.800	\$ 37.00	\$ 48.00	11.2	\$ 518	\$ 672	\$ 85	\$ 1,190
3	Slv, Low Voltage Switch	1	0%	1	EA	0.650	\$ 22.00	\$ 39.00	0.7	\$ 22	\$ 39	\$ 61	\$ 61

4	S, Single Pole Light Switch	36	0%	36	EA	0.468	\$ 7.00	\$ 28.08	16.8	\$ 252	\$ 1,011	\$ 35	\$ 1,263
5	PC, Potocell	1	0%	1	EA	1.000	\$ 118.00	\$ 60.00	1.0	\$ 118	\$ 60	\$ 178	\$ 178
6	OC, Occupancy Sensor, Ceiling Mounted	2	0%	2	EA	1.231	\$ 144.00	\$ 73.86	2.5	\$ 288	\$ 148	\$ 218	\$ 436
7	LCP, Lighting Control Panel	1	0%	1	EA	3.000	\$ 464.00	\$ 180.00	3.0	\$ 464	\$ 180	\$ 644	\$ 644
8	3 Way Switch	4	0%	4	EA	0.650	\$ 22.00	\$ 39.00	2.6	\$ 88	\$ 156	\$ 61	\$ 244
9	2 Way Switch	5	0%	5	EA	0.600	\$ 16.00	\$ 36.00	3.0	\$ 80	\$ 180	\$ 52	\$ 260
<b>FIRE ALARM</b>													
1	Visual Notification Device, 110cd	22	0%	22	EA	1.500	\$ 164.00	\$ 90.00	33.0	\$ 3,608	\$ 1,980	\$ 254	\$ 5,588
2	TS, Tamper Switch	4	0%	4	EA	0.800	\$ 30.00	\$ 48.00	3.2	\$ 120	\$ 192	\$ 78	\$ 312
3	Single Station Smoke Alarm, 120V	4	0%	4	EA	1.000	\$ 122.00	\$ 60.00	4.0	\$ 488	\$ 240	\$ 182	\$ 728
4	S, Smoke Detector, Ceiling Mounted	1	0%	1	EA	1.500	\$ 245.00	\$ 90.00	1.5	\$ 245	\$ 90	\$ 335	\$ 335
5	PS, Pressure Switch	2	0%	2	EA	0.800	\$ 46.00	\$ 48.00	1.6	\$ 92	\$ 96	\$ 94	\$ 188
6	P, Pull Station	1	0%	1	EA	1.000	\$ 96.00	\$ 60.00	1.0	\$ 96	\$ 60	\$ 156	\$ 156
7	FS, Flow Switch	2	0%	2	EA	0.800	\$ 30.00	\$ 48.00	1.6	\$ 60	\$ 96	\$ 78	\$ 156
8	FACP, Fire Alarm Control Panel	1	0%	1	EA	6.000	\$ 1,230.00	\$ 360.00	6.0	\$ 1,230	\$ 360	\$ 1,590	\$ 1,590
9	FAAP	1	0%	1	EA	3.000	\$ 542.00	\$ 180.00	3.0	\$ 542	\$ 180	\$ 722	\$ 722
10	Audible and Visual Notification Device	14	0%	14	EA	1.500	\$ 164.00	\$ 90.00	21.0	\$ 2,296	\$ 1,260	\$ 254	\$ 3,556
<b>TELECOM</b>													
1	WAP, Wireless Access Point Outlet	12	0%	12	EA	1.000	\$ 113.00	\$ 60.00	12.0	\$ 1,356	\$ 720	\$ 173	\$ 2,076
2	Tele/Data Outlet, with Mud Ring	19	0%	19	EA	0.600	\$ 42.00	\$ 36.00	11.4	\$ 798	\$ 684	\$ 78	\$ 1,482
3	Tele Outlet, with Mud Ring	2	0%	2	EA	0.600	\$ 42.00	\$ 36.00	1.2	\$ 84	\$ 72	\$ 78	\$ 156
4	Speaker Outlet, Ceiling Mounted	6	0%	6	EA	0.850	\$ 74.00	\$ 51.00	5.1	\$ 444	\$ 306	\$ 125	\$ 750
5	Speaker Outlet	15	0%	15	EA	0.850	\$ 74.00	\$ 51.00	12.8	\$ 1,110	\$ 765	\$ 125	\$ 1,875
6	SAKP, Security Alarm Keypad	1	0%	1	EA	2.500	\$ 230.00	\$ 150.00	2.5	\$ 230	\$ 150	\$ 380	\$ 380
7	RJ 45 Jacks	90	0%	90	EA	0.500	\$ 42.00	\$ 30.00	45.0	\$ 3,780	\$ 2,700	\$ 72	\$ 6,480
8	LOR, Lorex Outlet	13	0%	13	EA	0.800	\$ 66.00	\$ 48.00	10.4	\$ 858	\$ 624	\$ 114	\$ 1,482
9	Dual Jack Faceplates	21	0%	21	EA	0.922	\$ 55.00	\$ 55.32	19.4	\$ 1,155	\$ 1,162	\$ 110	\$ 2,317
10	CATV Outlet	7	0%	7	EA	1.000	\$ 80.00	\$ 60.00	7.0	\$ 560	\$ 420	\$ 140	\$ 980
11	ABC CAM Outlet	13	0%	13	EA	1.000	\$ 80.00	\$ 60.00	13.0	\$ 1,040	\$ 780	\$ 140	\$ 1,820
<b>IT RACK DETAILS</b>													
1	42U RACK, BRAND: PANDUIT, PN: R2P	1	0%	1	EA	1.000	\$ 114.00	\$ 60.00	1.0	\$ 114	\$ 60	\$ 174	\$ 174
2	RACK MOUNTING PARTS, BRAND: PANDUIT, PN: Varies	1	0%	1	LS	5.000	\$ 360.00	\$ 300.00	5.0	\$ 360	\$ 300	\$ 660	\$ 660
3	VERTICAL CABLE MANAGEMENT, BRAND: PANDUIT, PN: WMPV45E	2	0%	2	EA	2.000	\$ 186.00	\$ 120.00	4.0	\$ 372	\$ 240	\$ 306	\$ 612
4	HORIZONTAL 2U CABLE MANAGEMENT, BRAND: PANDUIT, PN: NCMH2	5	0%	5	EA	2.500	\$ 165.00	\$ 150.00	12.5	\$ 825	\$ 750	\$ 315	\$ 1,575
5	HORIZONTAL 1U CABLE MANAGEMENT, BRAND: PANDUIT, PN: NCMHF1	2	0%	2	EA	2.500	\$ 165.00	\$ 150.00	5.0	\$ 330	\$ 300	\$ 315	\$ 630
6	TRIPP LITE 2U SHELF, BRAND: TRIPP LITE, PN: SRSHELF2P	1	0%	1	EA	1.000	\$ 118.00	\$ 60.00	1.0	\$ 118	\$ 60	\$ 178	\$ 178
7	PDU, BRAND: TRIPP LITE, PN: PDU1215	2	0%	2	EA	1.000	\$ 118.00	\$ 60.00	2.0	\$ 236	\$ 120	\$ 178	\$ 356
8	48 PORT PATCH PANEL, BRAND: PANDUIT, PN: CPP48FMWBLY	3	0%	3	EA	2.000	\$ 230.00	\$ 120.00	6.0	\$ 690	\$ 360	\$ 350	\$ 1,050
9	LADDER RACK, PN: Varies	1	0%	1	LS	10.000	\$ 3,130.00	\$ 600.00	10.0	\$ 3,130	\$ 600	\$ 3,730	\$ 3,730
10	12-24 CAGE NUTS/SCREWS, PN: Varies	1	0%	1	LS	3.000	\$ 300.00	\$ 180.00	3.0	\$ 300	\$ 180	\$ 480	\$ 480
11	IT Rack Switch	3	0%	3	EA	1.000	\$ 74.00	\$ 60.00	3.0	\$ 222	\$ 180	\$ 134	\$ 402
12	IT Rack Backup Battery	1	0%	1	EA	2.000	\$ 200.00	\$ 120.00	2.0	\$ 200	\$ 120	\$ 320	\$ 320
13	FortiGate	2	0%	2	EA	1.000	\$ 90.00	\$ 60.00	2.0	\$ 180	\$ 120	\$ 150	\$ 300
14	ABC Cam NVR	2	0%	2	EA	2.963	\$ 314.00	\$ 177.78	5.9	\$ 628	\$ 356	\$ 492	\$ 984
<b>MISC.</b>													
1	PP, Power Pack	3	0%	3	EA	1.000	\$ 160.00	\$ 60.00	3.0	\$ 480	\$ 180	\$ 220	\$ 660
2	Oscillating Fan, Global Industrial WG292457	2	0%	2	EA	3.000	\$ 385.00	\$ 180.00	6.0	\$ 770	\$ 360	\$ 565	\$ 1,130
3	Oscillating Fan with Mister, Global Industrial WG292457	5	0%	5	EA	3.000	\$ 385.00	\$ 180.00	15.0	\$ 1,925	\$ 900	\$ 565	\$ 2,825
4	Junction Box Flush Mount	1	0%	1	EA	1.000	\$ 94.00	\$ 60.00	1.0	\$ 94	\$ 60	\$ 154	\$ 154
5	Junction Box	14	0%	14	EA	1.000	\$ 94.00	\$ 60.00	14.0	\$ 1,316	\$ 840	\$ 154	\$ 2,156

6	3" C Sleeve above Ceiling	2	0%	2	EA	0.850	\$ 60.00	\$ 51.00	1.7	\$ 120	\$ 102	\$ 111	\$ 222
7	4#6, 50A, 14-50R Male and CS6364 Female 50FT Long Power Cord, Generac 6390, or Approved equal	1	0%	1	EA	3.000	\$ 220.00	\$ 180.00	3.0	\$ 220	\$ 180	\$ 400	\$ 400
<b>ALLOWANCES</b>													
1	Mobilization and Demobilization	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
2	Arc Flash Study	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
3	Protection Devices Coordination Study	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
4	Permit and Utility Fees	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
5	Testing and Commissioning	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
6	Tags & Directory	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
7	As Built Documents	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
8	Core Drill	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
9	Caulking Sealant	1	0%	1	LS	0.000	\$ -	\$ -	0.0	\$ -	\$ -	\$ -	\$ -
<b>TOTAL MATERIAL COST</b>											\$	<b>218,967</b>	
<b>TOTAL LABOR COST</b>											\$	<b>393,582</b>	
<b>TOTAL COST</b>											\$	<b>612,550</b>	
<b>OVERHEADS &amp; PROFIT</b>											25%	\$	<b>153,137</b>
<b>TOTAL BID</b>											\$	<b>765,687</b>	

**Note:-**