

PROJECT NAME: ABC PROJECT DATE: 00/00/2025										TOTAL BID PRICE		\$ 85,566				
										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	316	0%	316	FT	\$ 6.11	\$ 1,931.59	\$ 83.00	0.08	24.79	\$ 2,057.90	\$ 3,989		
			3" ELBOW 90 DEG - RMC - GALV	6	0%	6	EA	\$ 74.35	\$ 446.12	\$ 83.00	1.00	6.00	\$ 498.00	\$ 944		
			3" LOCKNUT - STEEL	16	0%	16	EA	\$ 1.40	\$ 22.34	\$ 83.00	0.08	1.25	\$ 104.12	\$ 126		
			3" COUPLING - PVC	16	0%	16	EA	\$ 1.89	\$ 30.27	\$ 83.00	0.18	2.80	\$ 232.40	\$ 263		
			3" ADAPTER FEM - PVC	7	0%	7	EA	\$ 2.47	\$ 17.26	\$ 83.00	0.22	1.57	\$ 130.14	\$ 147		
2			3" CONDUIT - PVC COATED RMC - GALV	10	0%	10	FT	\$ 36.00	\$ 360.00	\$ 83.00	0.14	1.36	\$ 112.88	\$ 473		
			3" COUPLING - RMC - GALV	1	0%	1	EA	\$ 23.41	\$ 23.41	\$ 83.00	0.04	0.04	\$ 2.91	\$ 26		
			3" LOCKNUT - STEEL	2	0%	2	EA	\$ 1.40	\$ 2.79	\$ 83.00	0.08	0.16	\$ 13.01	\$ 16		
			3" BUSHING - PLASTIC	1	0%	1	EA	\$ 1.18	\$ 1.18	\$ 83.00	0.07	0.07	\$ 5.58	\$ 7		
			3" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	\$ -	\$ 83.00	0.43	0.43	\$ 35.86	\$ 36		
			3" SPRING STL CONDUIT CLAMP W/ BOLT	2	0%	2	EA	\$ 1.69	\$ 3.39	\$ 83.00	0.12	0.24	\$ 19.92	\$ 23		
			3/8-16x 1 1/2 HEX HEAD BOLT - PLTD STL	2	0%	2	EA	\$ 0.18	\$ 0.36	\$ 83.00	0.04	0.07	\$ 6.11	\$ 6		
			3/8" FLAT WASHER - PLTD STL	2	0%	2	EA	\$ 0.03	\$ 0.06	\$ 83.00	0.01	0.02	\$ 1.33	\$ 1		
			MALL BEAM CLAMP TO 1" FLNG W/ 3/8-16 THRD HOLE BTM+BACK	2	0%	2	EA	\$ 9.55	\$ 19.11	\$ 83.00	0.06	0.13	\$ 10.62	\$ 30		
CONDUCTORS																
1			#4/0 XHHW	1305	0%	1305	FT	\$ 5.64	\$ 7,360.20	\$ 83.00	0.02	28.19	\$ 2,339.60	\$ 9,700		
2			#6 XHHW	326	0%	326	FT	\$ 0.82	\$ 266.29	\$ 83.00	0.01	2.90	\$ 241.00	\$ 507		
GROUNDING																
1			#2/0 BARE COPPER - 19-STRAND	14	0%	14	FT	\$ 3.06	\$ 44.09	\$ 83.00	0.02	0.30	\$ 25.08	\$ 69		
2			#4/0 BARE COPPER - 19-STRAND	126	0%	126	FT	\$ 4.86	\$ 614.33	\$ 83.00	0.03	3.54	\$ 293.52	\$ 908		
3			3/4"x10" GROUND ROD	2	0%	2	EA	\$ 45.00	\$ 90.00	\$ 83.00	0.40	0.80	\$ 66.40	\$ 156		
4			CONCRETE BOX TEST WELL W/9" CAST IRON COVER	2	0%	2	EA	\$ 450.00	\$ 900.00	\$ 83.00	1.00	2.00	\$ 166.00	\$ 1,066		
5			EXOTHERMIC WELD TEE OF HORIZONTAL RUN AND TAP TEES	3	0%	3	EA	\$ 25.00	\$ 75.00	\$ 83.00	0.20	0.60	\$ 49.80	\$ 125		
6			GROUND ROD CONNECTOR	2	0%	2	EA	\$ 16.50	\$ 33.00	\$ 83.00	0.15	0.30	\$ 24.90	\$ 58		
BREAKERS																
1			15A/1P CIRCUIT BREAKER	5	0%	5	EA		\$ -	\$ 83.00	0.15	0.75	\$ 62.25	\$ 62		
2			20A/1P CIRCUIT BREAKER	5	0%	5	EA		\$ -	\$ 83.00	0.15	0.75	\$ 62.25	\$ 62		
3			20A/2P CIRCUIT BREAKER	1	0%	1	EA		\$ -	\$ 83.00	0.25	0.25	\$ 20.75	\$ 21		
4			100A MAIN CIRCUIT BREAKER	1	0%	1	EA		\$ -	\$ 83.00	1.00	1.00	\$ 83.00	\$ 83		
PANELS																
1			PANEL B, 100A MCB, 120/208V, 3PH, 4W, WALL MOUNTED	1	0%	1	EA		\$ -	\$ 83.00	3.00	3.00	\$ 249.00	\$ 249		
MISCELLANEOUS																
1			SPLICE PULLBOX	5	0%	5	EA	\$ 4.00	\$ 20.00	\$ 83.00	0.20	1.00	\$ 83.00	\$ 103		
2			SCOTCHLOCK CONNECTOR	16	0%	16	EA	\$ 0.60	\$ 9.60	\$ 83.00	0.02	0.24	\$ 19.92	\$ 30		
3			COMPRESSION CONNECTOR	4	0%	4	EA	\$ 3.60	\$ 14.40	\$ 83.00	0.10	0.40	\$ 33.20	\$ 48		
4			12"x12"x6" NEMA 4X SS JUNCTION BOX	1	0%	1	EA	\$ 479.91	\$ 479.91	\$ 83.00	1.50	1.50	\$ 124.50	\$ 604		
5			24"x14"x12" VEHICULAR TRAFFIC BOLTED DOWN COVER WITH 3/8" DIA STAINLESS STEEL SCREWS PULLBOX W/KNOCKOUTS	4	0%	4	EA	\$ 550.00	\$ 2,200.00	\$ 83.00	2.00	8.00	\$ 664.00	\$ 2,864		
6			19"x15" CEMENT CONCRETE DUCTBANK	23	0%	23	CYD	\$ 150.00	\$ 3,474.00	\$ 83.00	1.00	23.16	\$ 1,922.28	\$ 5,396		
7			TRENCHING AND BACKFILLING W/30" COVER	371	0%	371	FT	\$ 2.00	\$ 741.80	\$ 83.00	0.05	17.88	\$ 1,483.82	\$ 2,226		
8			3/4" SEAL-OFF	2	0%	2	EA	\$ 32.00	\$ 64.00	\$ 83.00	0.12	0.24	\$ 19.92	\$ 84		
9			4"C THROUGH FLOOR RGS SLEEVES	1	0%	1	EA	\$ 450.00	\$ 450.00	\$ 83.00	0.60	0.60	\$ 49.80	\$ 500		
10			4"C WALL RGS SLEEVES	2	0%	2	EA	\$ 375.00	\$ 750.00	\$ 83.00	0.60	1.20	\$ 99.60	\$ 850		
11			1"C CONDUIT HUB	8	0%	8	EA	\$ 7.91	\$ 63.28	\$ 83.00	0.14	1.12	\$ 92.96	\$ 156		
12			2"C CONDUIT HUB	6	0%	6	EA	\$ 14.00	\$ 84.00	\$ 83.00	0.20	1.20	\$ 99.60	\$ 184		
13			UNISTRUT W/MOUNTING ASSEMBLY	5	0%	5	EA	\$ 235.00	\$ 1,175.00	\$ 83.00	1.00	5.00	\$ 415.00	\$ 1,590		

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			QUOTATION FOR SWITCHGEAR												\$ -	
						SUBTOTAL MATERIAL		\$ 21,766.77	SUBTOTAL LABOR		\$ 12,021.94				\$ 33,789	
BRANCH WIRING																
CONDUITS - LIGHTING																
1			3/4" CONDUIT - PVC40	14	0%	14	FT	\$ 1.05	\$ 14.45	\$ 83.00	0.03	0.40	\$ 32.89	\$ 47		
			3/4" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 6.47	\$ 6.47	\$ 83.00	0.20	0.20	\$ 16.60	\$ 23		
			3/4" LOCKNUT - STEEL	1	0%	1	EA	\$ 0.15	\$ 0.15	\$ 83.00	0.02	0.02	\$ 1.53	\$ 2		
			3/4" COUPLING - PVC	1	0%	1	EA	\$ 0.24	\$ 0.24	\$ 83.00	0.05	0.05	\$ 4.15	\$ 4		
			3/4" ADAPTER FEM - PVC	1	0%	1	EA	\$ 0.38	\$ 0.38	\$ 83.00	0.08	0.08	\$ 6.64	\$ 7		
2			3/4" CONDUIT - RMC - GALV	49	0%	49	FT	\$ 3.94	\$ 191.10	\$ 83.00	0.04	1.94	\$ 161.22	\$ 352		
			3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	2	0%	2	EA	\$ -	\$ -	\$ 83.00	0.16	0.32	\$ 26.56	\$ 27		
			1/2 OR 3/4" SNAP CLOSE CLIP - BTM MNT ON 1/4" FLNG HNGR	6	0%	6	EA	\$ 0.60	\$ 3.60	\$ 83.00	0.07	0.39	\$ 32.67	\$ 36		
			1/2 OR 3/4" CONDUIT+BOX SUPPORT - BTM MNT ON 1/4" FLNG HNGR	2	0%	2	EA	\$ 4.82	\$ 9.64	\$ 83.00	0.07	0.15	\$ 12.22	\$ 22		
			4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	2	0%	2	EA	\$ 52.38	\$ 104.76	\$ 83.00	0.36	0.72	\$ 59.76	\$ 165		
			COVER ROUND BLANK - CI	2	0%	2	EA	\$ 13.82	\$ 27.64	\$ 83.00	0.05	0.10	\$ 7.97	\$ 36		
CONDUCTORS - LIGHTING																
1			#14 THW SOLID	146	0%	146	FT	\$ 0.13	\$ 19.15	\$ 83.00	0.00	0.67	\$ 55.62	\$ 75		
2			#14 XHHW SOLID	41	0%	41	FT	\$ 0.14	\$ 5.90	\$ 83.00	0.00	0.18	\$ 14.73	\$ 21		
CONDUITS - POWER																
1			3/4" CONDUIT - PVC40	99	0%	99	FT	\$ 1.05	\$ 104.16	\$ 83.00	0.03	2.86	\$ 237.15	\$ 341		
			3/4" ELBOW 90 DEG - RMC - GALV	2	0%	2	EA	\$ 6.47	\$ 12.93	\$ 83.00	0.20	0.40	\$ 33.20	\$ 46		
			3/4" LOCKNUT - STEEL	5	0%	5	EA	\$ 0.15	\$ 0.75	\$ 83.00	0.02	0.09	\$ 7.64	\$ 8		
			3/4" COUPLING - PVC	5	0%	5	EA	\$ 0.24	\$ 1.20	\$ 83.00	0.05	0.25	\$ 20.75	\$ 22		
			3/4" ADAPTER FEM - PVC	2	0%	2	EA	\$ 0.38	\$ 0.76	\$ 83.00	0.08	0.16	\$ 13.28	\$ 14		
2			3/4" CONDUIT - RMC - GALV	382	0%	382	FT	\$ 3.94	\$ 1,502.65	\$ 83.00	0.04	15.27	\$ 1,267.71	\$ 2,770		
			3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	16	0%	16	EA	\$ -	\$ -	\$ 83.00	0.16	2.56	\$ 212.48	\$ 212		
			1/2 OR 3/4" SNAP CLOSE CLIP - BTM MNT ON 1/4" FLNG HNGR	42	0%	42	EA	\$ 0.60	\$ 25.20	\$ 83.00	0.07	2.76	\$ 228.68	\$ 254		
			1/2 OR 3/4" CONDUIT+BOX SUPPORT - BTM MNT ON 1/4" FLNG HNGR	16	0%	16	EA	\$ 4.82	\$ 77.12	\$ 83.00	0.07	1.18	\$ 97.74	\$ 175		
			4 9/16x 1 15/16" DEEP CAST BOX W/ 4x 3/4" HUBS - CI	16	0%	16	EA	\$ 52.38	\$ 838.08	\$ 83.00	0.36	5.76	\$ 478.08	\$ 1,316		
			COVER ROUND BLANK - CI	16	0%	16	EA	\$ 13.82	\$ 221.12	\$ 83.00	0.05	0.77	\$ 63.74	\$ 285		
CONDUCTORS - POWER																
1			#12 THW SOLID	735	0%	735	FT	\$ 0.19	\$ 142.75	\$ 83.00	0.01	3.97	\$ 329.57	\$ 472		
2			#12 XHHW SOLID	112	0%	112	FT	\$ 0.19	\$ 21.64	\$ 83.00	0.01	0.57	\$ 47.68	\$ 69		
3			#14 THW SOLID	432	0%	432	FT	\$ 0.13	\$ 56.75	\$ 83.00	0.00	1.99	\$ 164.83	\$ 222		
4			#14 XHHW SOLID	143	0%	143	FT	\$ 0.14	\$ 20.38	\$ 83.00	0.00	0.61	\$ 50.89	\$ 71		
5			#16/2C SHIELDED CABLE	51	0%	51	FT	\$ 0.34	\$ 17.05	\$ 83.00	0.02	0.79	\$ 65.47	\$ 83		
						SUBTOTAL MATERIAL		\$ 3,426.01	SUBTOTAL LABOR		\$ 3,751.45				\$ 7,177	
WIRING DEVICES																
DEVICES																
1			JUNCTION BOX WP	1	0%	1	EA	\$ 19.30	\$ 19.30	\$ 83.00	0.30	0.30	\$ 24.90	\$ 44		
						SUBTOTAL MATERIAL		\$ 19.30	SUBTOTAL LABOR		\$ 24.90				\$ 44	

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		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 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	MECHANICAL EQUIPMENT INTERLOCKING														
	6	VOICE/DATA OUTLETS ARE EXCLUDED														
	SR. NO.	NOTES														
	1	STUB DOWN FOR DOMESTIC WATER RESERVOIR IS CONSIDERED 30FT														
	2	BOXES AND COVER PLATE SHALL BE STAINLESS STEEL.														
	3	ON SHEET E2, PANEL SCHEDULE, THE BREAKERS ARE MENTIONED SPARE BUT NO RATING IS SHOWN SO NO BREAKERS ARE CONSIDERED FOR														
	4	NAME PLATES ARE NOT INCLUDED IN THIS ESTIMATE.														