PROJECT NAME: NEW SINGLE - FAMILY RESIDENCE
DATE: 07/19/2024
SUBMISSION# 1

SYSTEMS SUMMARY

S/N	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	TOTAL COST	OVERHEADS	MARKUP	TOTAL PRICE
1	DISTRIBUTION	$ 6,645.32	$ 2,777.93	$ 398.72	$ 500.03	$ 10,321.99	$ 1,548.30	$ 1,032.20	$ 12,902.49
2	RECEPTACLES & SWITCHES	$ 6,256.69	$ 13,018.58	$ 375.40	$ 2,343.34	$ 21,994.01	$ 3,299.10	$ 2,199.40	$ 27,492.51
3	LIGHTING FIXTURES & LIGHTING CONTROLS	$ 21,777.24	$ 9,579.15	$ 1,306.63	$ 1,724.25	$ 34,387.27	$ 5,158.09	$ 3,438.73	$ 42,984.09
4	TELECOMMUNICATION	$ 513.97	$ 6,024.00	$ 30.84	$ 1,084.32	$ 7,653.13	$ 1,147.97	$ 765.31	$ 9,566.42
	TOTALS	**$ 35,193.22**	**$ 31,399.65**	**$ 2,111.59**	**$ 5,651.94**	**$ 74,356.40**	**$ 11,153.46**	**$ 7,435.64**	**$ 92,945.50**

S/N	BID SUMMARY		
1	**TOTAL MATERIAL COST**		**$ 35,193.22**
	MATERIAL SALES TAX	**6%**	$ 2,111.59
	JOB EXPENSE		$ -
2	**TOTAL LABOR COST**		**$ 31,399.65**
	LABOR TAX	**18%**	$ 5,651.94
3	**TOTAL COST**		**$ 74,356.40**
	OVERHEADS	**15%**	$ 11,153.46
	MARKUP	**10%**	$ 7,435.64
4	**TOTAL COST WITH OVERHEADS + PROFIT**		**$ 92,945.50**
	BID SECURITY		$ -
	ALLOWANCES		$ -
	MOBILIZATION / DEMOBILIZATION		$ -
	SUB-CONTRACTS		$ -
	BOND PREMIUM		$ -
	BASE BID PRICE		**$ 92,945.50**

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
DISTRIBUTION															
CONDUITS															
1	B108, B102	2-1/2" PVC SCH 40 CONDUIT (ASSUMED LENGTH)	100	10%	110	FT	$ 148.26	C	$ 163	$ 75	8.8	C	9.68	$ 726	$ 889
		2-1/2" CONN SS STL - PVC	8	0%	8	EA	$ 0.25	E	$ 2	$ 75	0.08	E	0.64	$ 48	$ 50
		2-1/2" COUPLING SS STL - PVC	10	0%	10	EA	$ 0.31	E	$ 3	$ 75	0.03	E	0.32	$ 24	$ 27
		2-1/2" 1-H STRAP - EMT - PVC	15	0%	15	EA	$ 0.08	E	$ 1	$ 75	0.04	E	0.65	$ 49	$ 50
CONDUCTORS															
1	B108, B102	#6 CU THHN (ASSUMED LENGTH)	100	10%	110	FT	$ 699.52	M	$ 77	$ 75	8.90	M	0.98	$ 73	$ 150
2	B108, B102	#3/0 CU THHN (ASSUMED LENGTH)	400	10%	440	FT	$ 3,959.19	M	$ 1,742	$ 75	18.8	M	8.27	$ 620	$ 2,362
BREAKER															
1	B108, B102	1P/20A BREAKER	2	0%	2	EA	$ 128.00	E	$ 256	$ 75	0.45	E	0.90	$ 68	$ 324
2	B108, B102	1P/20A GFCI BREAKER	2	0%	2	EA	$ 145.00	E	$ 290	$ 75	0.45	E	0.90	$ 68	$ 358
3	B108, B102	1P/20A AFCI BREAKER	8	0%	8	EA	$ 157.00	E	$ 1,256	$ 75	0.45	E	3.60	$ 270	$ 1,526
4	B108, B102	2P/30A BREAKER	2	0%	2	EA	$ 468.50	E	$ 937	$ 75	0.75	E	1.50	$ 113	$ 1,050
PANEL															
1	B108, B102	PANEL A: 200A, 3PH, 4W, 208/120V, MCB, 42 POLES, 22KAIC, SURFACE MOUNTED	1	0%	1	EA	$ 1,289.99	E	$ 1,290	$ 75	5.20	E	5.20	$ 390	$ 1,680
DEVICES															
1	B108, B102	UTILITY METER	1	0%	1	EA	$ -	E	$ -	$ 75	2.00	E	2.00	$ 150	$ 150
DISCONNECT SWITCHES															
1	B108, B102	2P/30A NON FUSED DISCONNECT SWITCH WP	2	0%	2	EA	$ 314.00	E	$ 628	$ 75	1.20	E	2.40	$ 180	$ 808
							TOTALS		**$**		**6,645.32**	**$**	**47.16**	**$**	**2,777.93**
RECEPTACLES AND SWITCHES															
CONDUITS															
1	B108, B102	3/4" EMT CONDUIT	240	10%	264	FT	$ 96.74	C	$ 255	$ 75	3.2	C	8.45	$ 634	$ 889
		3/4" CONN SS STL - EMT	20	0%	20	EA	$ 0.25	E	$ 5	$ 75	0.08	E	1.60	$ 120	$ 125
		3/4" COUPLING SS STL - EMT	24	0%	24	EA	$ 0.31	E	$ 7	$ 75	0.03	E	0.77	$ 58	$ 65
		3/4" 1-H STRAP - EMT - EMT	37	0%	37	EA	$ 0.08	E	$ 3	$ 75	0.04	E	1.60	$ 120	$ 123
CONDUCTORS															
1	B108, B102	#10 CU THHN	1054	10%	1159.4	FT	$ 252.87	M	$ 293	$ 75	5.65	M	6.55	$ 491	$ 784
2	B108, B102	3#12 ROMEX CABLE	2174	10%	2391.4	FT	$ 678.00	M	$ 1,621	$ 75	20	M	47.83	$ 3,587	$ 5,208
DEVICES															
1	B108, B102	6 BLADE CEILING FAN	9	0%	9	EA	$ -	C	$ -	$ 75	2.00	C	0.18	$ 14	$ 14
2	B108, B102	DUPLEX RECEPTACLE	103	0%	103	EA	$ 1,676.00	C	$ 1,726	$ 75	25.00	C	25.75	$ 1,931	$ 3,658
		4 x 1 1/2" SQ BOX COMB KO	103	0%	103	EA	$ 734.50	C	$ 757	$ 75	30.00	C	30.90	$ 2,318	$ 3,074
		4" SQ 1G PLSTR RING 5/8" RISE	103	0%	103	EA	$ 468.81	C	$ 483	$ 75	15.00	C	15.45	$ 1,159	$ 1,642
		GROUND SCREW W/ INSUL #12 LEAD	103	0%	103	EA	$ 402.86	C	$ 415	$ 75	6	C	6.18	$ 464	$ 878
		#10 x 3/4 P/H SELF-TAP SCREW	206	0%	206	EA	$ 9.09	C	$ 19	$ 75	3.10	C	6.39	$ 479	$ 498
		1G DUPLEX REC PLATE - PLASTIC IVY	103	0%	103	EA	$ 53.24	C	$ 55	$ 75	10.00	C	10.30	$ 773	$ 827
3	B108, B102	DUPLEX RECEPTACLE GFCI	11	0%	11	EA	$ 2,152.00	C	$ 237	$ 75	25.00	C	2.75	$ 206	$ 443
		4 x 1 1/2" SQ BOX COMB KO	11	0%	11	EA	$ 734.50	C	$ 81	$ 75	30.00	C	3.30	$ 248	$ 328
		4" SQ 1G PLSTR RING 5/8" RISE	11	0%	11	EA	$ 468.81	C	$ 52	$ 75	15.00	C	1.65	$ 124	$ 175
		GROUND SCREW W/ INSUL #12 LEAD	11	0%	11	EA	$ 402.86	C	$ 44	$ 75	6.00	C	0.66	$ 50	$ 94
		#10 x 3/4 P/H SELF-TAP SCREW	22	0%	22	EA	$ 9.09	C	$ 2	$ 75	3.10	C	0.68	$ 51	$ 53
		1G DUPLEX REC PLATE - PLASTIC IVY	11	0%	11	EA	$ 53.24	C	$ 6	$ 75	10	C	1.10	$ 83	$ 88
4	B108, B102	SPECIAL RECEPTACLE	2	0%	2	EA	$ 98.00	E	$ 196	$ 75	0.75	E	1.50	$ 113	$ 309
							TOTALS		**$**		**6,256.69**	**$**	**173.58**	**$**	**13,018.58**
LIGHTING FIXTURES															
CONDUCTORS															
1	B108, B102	3#12 ROMEX CABLE	1329	10%	1462	FT	$ 678.00	M	$ 991	$ 75	20	M	29.24	$ 2,193	$ 3,184
LIGHTING FIXTURES															
1	B108, B102	BARREL STAVE BALL CHANDELIER	3	0%	3	EA	$ 213.00	E	$ 639	$ 75	0.8	E	2.40	$ 180	$ 819
2	B108, B102	EXHAUST FAN & LIGHT	6	0%	6	EA	$ 324.00	E	$ 1,944	$ 75	1.2	E	7.20	$ 540	$ 2,484
3	B108, B102	GRAN TENOS	3	0%	3	EA	$ 186.00	E	$ 558	$ 75	0.8	E	2.40	$ 180	$ 738
4	B108, B102	OMBRA SCONCE 1	5	0%	5	EA	$ 234.00	E	$ 1,170	$ 75	0.8	E	4.00	$ 300	$ 1,470
5	B108, B102	RECESSED DOWN LIGHT	50	0%	50	EA	$ 312.00	E	$ 15,600	$ 75	1.2	E	60.00	$ 4,500	$ 20,100
LIGHTING CONTROLS															
1	B108, B102	SINGLE POLE SWITCH	22	0%	22	EA	$ 23.00	E	$ 506	$ 75	0.35	E	7.70	$ 578	$ 1,084
		4 x 1 1/2" SQ BOX COMB KO	22	0%	22	EA	$ 734.50	C	$ 162	$ 75	30.00	C	6.60	$ 495	$ 657
		4" SQ 1G PLSTR RING 5/8" RISE	22	0%	22	EA	$ 468.81	C	$ 103	$ 75	15.00	C	3.30	$ 248	$ 351
		GROUND SCREW W/ INSUL #12 LEAD	22	0%	22	EA	$ 402.86	C	$ 89	$ 75	6.00	C	1.32	$ 99	$ 188
		#10 x 3/4 P/H SELF-TAP SCREW	44	0%	44	EA	$ 9.09	C	$ 4	$ 75	3.10	C	1.36	$ 102	$ 106
		1G SW PLATE - PLASTIC IVY	22	0%	22	EA	$ 53.24	C	$ 12	$ 75	10	C	2.20	$ 165	$ 177
							TOTALS		**$**		**21,777.24**	**$**	**127.72**	**$**	**9,579.15**
TELECOMMUNICATION															
CONDUITS															
1	B108, B102	3/4" EMT CONDUIT WITH PULL STRING	240	10%	264	FT	$ 96.74	C	$ 255	$ 75	3.2	C	8.45	$ 634	$ 889
		3/4" CONN SS STL - EMT	20	0%	20	EA	$ 0.25	E	$ 5	$ 75	0.08	E	1.60	$ 120	$ 125
		3/4" COUPLING SS STL - EMT	24	0%	24	EA	$ 0.31	E	$ 7	$ 75	0.03	E	0.77	$ 58	$ 65
		3/4" 1-H STRAP - EMT - EMT	37	0%	37	EA	$ 0.08	E	$ 3	$ 75	0.04	E	1.60	$ 120	$ 123
DEVICES															
1	B108, B102	DATA OUTLET	32	0%	32	EA	$ -	E	$ -	$ 75	2	E	64.00	$ 4,800	$ 4,800
		4 x 1 1/2" SQ BOX COMB KO	32	0%	32	EA	$ 734.50	C	$ 235	$ 75	30.00	C	9.60	$ 720	$ 955
		4" SQ 1G PLSTR RING 5/8" RISE	32	0%	32	EA	$ 468.81	C	$ 150	$ 75	15.00	C	4.80	$ 360	$ 510
		GROUND SCREW W/ INSUL #12 LEAD	32	0%	32	EA	$ 402.86	C	$ 129	$ 75	6.00	C	1.92	$ 144	$ 273
							TOTALS		**$**		**513.97**	**$**	**80.32**	**$**	**6,024.00**

TOTAL MATERIAL COST	**$**	**35,193.22**
TOTAL LABOR COST	**$**	**31,399.65**
TOTAL LABOR HOURS	**$**	**428.78**
TOTAL COST	**$**	**66,592.87**