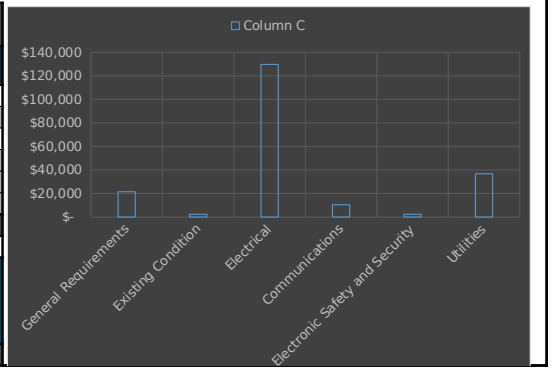
GENERAL SUMMARY

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical
No. Of Floors: 2
Date: 09/28/26

ELECTRICAL ESTIMATION
+1 708-381-0900

		BUILDING GSF 6223		POOL GSF 225	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 21,500	$ 3.45	$ 2,600	$ 11.56
2000	Existing Condition	$ 2,353	$ 0.38		
26000	Electrical	$ 129,737	$ 20.85	$ 9,299	$ 41.33
27000	Communications	$ 10,449	$ 1.68		
28000	Electronic Safety and Security	$ 2,372	$ 0.38		
33000	Utilities	$ 36,771	$ 5.91		
TOTAL TRADE COST		$ 203,182	$ 32.65	$ 11,899	$ 52.89
OVERHEAD AND PROFIT	20%	$ 40,636	$ 6.53	$ 2,380	$ 10.58
INSURANCE	3%	$ 6,095	$ 0.98	$ 357	$ 1.59
CONTINGENCY	5%	$ 10,159	$ 1.63	$ 595	$ 2.64
TAX	7%	$ 6,819	$ 1.10	$ 449	$ 2.00
SUGGESTED BID		$ 266,892	$ 42.89	$ 15,680	$ 69.69



ELECTRICAL ESTIMATION

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 10,000.00	$ 10,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 1,500.00	$ 1,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 6,000.00	$ 6,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 4,000.00	$ 4,000.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL $	**21,500**
			EXISTING CONDITIONS										
			DEMOLITION										
8	**From Sheet # E101, E102**	**From Electrical Plans**	Removal Of All (Ceiling + Wall Mounted) Electrical Devices With All its Associated Accessories, Wire, Conduit Back To The Source	SF	2614	0%	2614	0.012	$ 75.00	$ 0.90	$ -	$ 0.90	$ 2,352.60
												SUBTOTAL $	**2,353**
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
9			1-1/4" EMT Conduit	LF	78	10%	86	0.080	$ 75.00	$ 6.00	$ 5.85	$ 11.85	$ 1,016.73
10			1-1/4" EMT Conduit (Length Assumed)	LF	30	10%	33	0.080	$ 75.00	$ 6.00	$ 5.85	$ 11.85	$ 391.05
11			2" EMT Conduit	LF	66	10%	72	0.100	$ 75.00	$ 7.50	$ 9.50	$ 17.00	$ 1,229.53
12			3-1/2" EMT Conduit	LF	11	10%	12	0.180	$ 75.00	$ 13.50	$ 15.74	$ 29.24	$ 352.20
			CONDUCTOR										
13			#8 CU THHN/THWN	LF	11	10%	12	0.010	$ 75.00	$ 0.75	$ 0.68	$ 1.43	$ 16.96
14			#6 CU THHN/THWN	LF	66	10%	72	0.012	$ 75.00	$ 0.90	$ 1.02	$ 1.92	$ 138.86
15			#3 CU THHN/THWN	LF	224	10%	246	0.016	$ 75.00	$ 1.20	$ 2.06	$ 3.26	$ 803.26
16			#3 CU THHN/THWN (Length Assumed)	LF	90	10%	99	0.016	$ 75.00	$ 1.20	$ 2.06	$ 3.26	$ 322.74
17			#3/0 CU THHN/THWN	LF	132	10%	145	0.032	$ 75.00	$ 2.40	$ 5.25	$ 7.65	$ 1,106.57
18			#600 KCMIL CU THHN/THWN	LF	33	10%	36	0.070	$ 75.00	$ 5.25	$ 27.57	$ 32.82	$ 1,185.95
			LUGS										
19			Compression Lug CU With 1-Hole , #6 CU Wire	EA	2	0%	2	0.120	$ 75.00	$ 9.00	$ 3.55	$ 12.55	$ 25.10
20			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.060	$ 75.00	$ 4.50	$ 0.60	$ 5.10	$ 10.20
21			Compression Lug CU With 1-Hole , #3 CU Wire	EA	16	0%	16	0.165	$ 75.00	$ 12.38	$ 5.55	$ 17.93	$ 286.80
22			Heat Shrink Tubing for #3 CU Wire	EA	16	0%	16	0.080	$ 75.00	$ 6.00	$ 0.80	$ 6.80	$ 108.80
23			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	4	0%	4	0.270	$ 75.00	$ 20.25	$ 11.68	$ 31.93	$ 127.72
24			Heat Shrink Tubing for #3/0 CU Wire	EA	4	0%	4	0.140	$ 75.00	$ 10.50	$ 1.50	$ 12.00	$ 48.00
25			Compression Lug CU With 1-Hole , #600 KCMIL CU Wire	EA	6	0%	6	0.600	$ 75.00	$ 45.00	$ 48.50	$ 93.50	$ 561.00
26			Heat Shrink Tubing for #600 KCMIL CU Wire	EA	6	0%	6	0.320	$ 75.00	$ 24.00	$ 6.85	$ 30.85	$ 185.10
			CIRCUIT BREAKER										
27			1P/20A AFCI + GFCI Circuit Breaker	EA	18	0%	18	0.300	$ 75.00	$ 22.50	$ 64.65	$ 87.15	$ 1,568.70
28			1P/20A AFCI Circuit Breaker	EA	31	0%	31	0.300	$ 75.00	$ 22.50	$ 49.99	$ 72.49	$ 2,247.19
29			1P/20A Circuit Breaker	EA	7	0%	7	0.300	$ 75.00	$ 22.50	$ 22.50	$ 45.00	$ 315.00
30			1P/20A GFCI Circuit Breaker	EA	9	0%	9	0.300	$ 75.00	$ 22.50	$ 28.50	$ 51.00	$ 459.00
31			2P/15A Circuit Breaker	EA	4	0%	4	0.450	$ 75.00	$ 33.75	$ 18.50	$ 52.25	$ 209.00
32			2P/25A Circuit Breaker	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 30.50	$ 64.25	$ 64.25
33			2P/30A Circuit Breaker	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 38.50	$ 72.25	$ 72.25
34			2P/30A GFCI Circuit Breaker	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 44.64	$ 78.39	$ 78.39
35			2P/40A Circuit Breaker	EA	3	0%	3	0.450	$ 75.00	$ 33.75	$ 56.50	$ 90.25	$ 270.75
36			2P/40A GFCI Circuit Breaker	EA	2	0%	2	0.450	$ 75.00	$ 33.75	$ 60.50	$ 94.25	$ 188.50
37			2P/50A GFCI Circuit Breaker	EA	2	0%	2	0.450	$ 75.00	$ 33.75	$ 76.50	$ 110.25	$ 220.50
38			2P/60A Circuit Breaker	EA	1	0%	1	0.650	$ 75.00	$ 48.75	$ 84.50	$ 133.25	$ 133.25
39			2P/100A Circuit Breaker	EA	1	0%	1	1.000	$ 75.00	$ 75.00	$ 125.50	$ 200.50	$ 200.50
40			2P/200A Circuit Breaker	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 162.50	$ 275.00	$ 275.00
41			2P/400A Main Circuit Breaker	EA	1	0%	1	2.250	$ 75.00	$ 168.75	$ 1,205.00	$ 1,373.75	$ 1,373.75
			PANEL										
42			Panel "A" 225A MLO, 120/240V, 1 Phase, 3 Wire, 84 Poles, 14KA SCCR, MFG: Square D, Recessed Mounted NEMA 1	EA	1	0%	1	3.250	$ 75.00	$ 243.75	$ 3,250.00	$ 3,493.75	$ 3,493.75
43			Panel "E" 100A MLO, 120/240V, 1 Phase, 3 Wire, 30 Poles, 10KA SCCR, MFG: Square D, Recessed Mounted NEMA 1	EA	1	0%	1	2.500	$ 75.00	$ 187.50	$ 895.50	$ 1,083.00	$ 1,083.00
44			Panel "MDP" 400A MCB, 120/240V, 1 Phase, 3 Wire, 30 Poles, 22KA SCCR, MFG: Square D, Surface Mounted, NEMA 4X	EA	1	0%	1	5.500	$ 75.00	$ 412.50	$ 6,250.50	$ 6,663.00	$ 6,663.00
			DEVICES										
45			100A Male Receptacle for Portable Generator, 120,240V, 3 Phase, 4 Wire, NEMA 4X	EA	1	0%	1	3.500	$ 75.00	$ 262.50	$ 1,050.00	$ 1,312.50	$ 1,312.50
46			400A FPL Meter, 120/240V, 1 Phase, 3 Wire, W/ Meter Socket NEMA 4X	EA	1	0%	1	6.500	$ 75.00	$ 487.50	$ 1,850.00	$ 2,337.50	$ 2,337.50
47			400A Manual Transfer Switch NEMA 4X	EA	1	0%	1	6.250	$ 75.00	$ 468.75	$ 6,650.00	$ 7,118.75	$ 7,118.75
48			Cable/Telephone Box Enclosure W/ 20A GFCI Duplex Receptacle	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 110.50	$ 223.00	$ 223.00
			DISCONNECT SWITCH										
49			2P/30A Non Fused Disconnect Switch NEMA 1	EA	9	0%	9	1.000	$ 75.00	$ 75.00	$ 138.12	$ 213.12	$ 1,918.08
50			2P/60A Non Fused Disconnect Switch NEMA 4X	EA	3	0%	3	1.850	$ 75.00	$ 138.75	$ 1,516.01	$ 1,654.76	$ 4,964.28
			GROUNDING										
51			#6 Grounding Conductor	LF	60	10%	66	0.012	$ 75.00	$ 0.90	$ 1.02	$ 1.92	$ 126.72
52			5/8" X 10' Copper Ground Rod	EA	3	0%	3	0.500	$ 75.00	$ 37.50	$ 62.50	$ 100.00	$ 300.00
53	**From Sheet # E101, E102, E201, E202, E501, E502**	**From Electrical Plans**	Exothermic Weld	EA	9	0%	9	0.600	$ 75.00	$ 45.00	$ 25.50	$ 70.50	$ 634.50
53			UFER Grounding Electrode	EA	1	0%	1	2.000	$ 75.00	$ 150.00	$ 180.50	$ 330.50	$ 330.50
54			Universal Grounding Clamp	EA	1	0%	1	0.500	$ 75.00	$ 37.50	$ 48.50	$ 86.00	$ 86.00
			POWER										
			CONDUIT										
55			1/2" EMT Conduit	LF	2074	10%	2281	0.060	$ 75.00	$ 4.50	$ 1.62	$ 6.12	$ 13,962.64
56			3/4" EMT Conduit	LF	244	10%	268	0.062	$ 75.00	$ 4.65	$ 2.08	$ 6.73	$ 1,806.33
57			1/2" FLEX-S Conduit	LF	25	10%	27	0.056	$ 75.00	$ 4.20	$ 1.25	$ 5.45	$ 147.06
58			3/4" LFMC Conduit	LF	9	10%	10	0.062	$ 75.00	$ 4.65	$ 2.50	$ 7.15	$ 72.75
59			1" PVC SCH 40 Conduit	LF	73	10%	80	0.066	$ 75.00	$ 4.95	$ 1.50	$ 6.45	$ 517.94
60			3/4" RGS Conduit	LF	15	10%	17	0.062	$ 75.00	$ 4.65	$ 3.76	$ 8.41	$ 141.63
			CONDUCTOR										
61			3#12 MC Cable	LF	967	10%	1063	0.018	$ 75.00	$ 1.35	$ 1.25	$ 2.60	$ 2,764.48
62			3#10 MC Cable	LF	124	10%	137	0.020	$ 75.00	$ 1.50	$ 2.25	$ 3.75	$ 512.57
63			#12 CU THHN/THWN	LF	6513	10%	7164	0.007	$ 75.00	$ 0.53	$ 0.20	$ 0.73	$ 5,194.12
64			#10 CU THHN/THWN	LF	415	10%	457	0.008	$ 75.00	$ 0.60	$ 0.28	$ 0.88	$ 401.72
65			#8 CU THHN/THWN	LF	388	10%	427	0.010	$ 75.00	$ 0.75	$ 0.68	$ 1.43	$ 610.32
			DEVICE										
66			1P/20A Motor Rated Switch NEMA 1	EA	1	0%	1	0.350	$ 75.00	$ 26.25	$ 25.50	$ 51.75	$ 51.75
67			2P/30A Special Purpose Receptacle NEMA 1	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 38.50	$ 72.25	$ 72.25
68			2P/40A Special Purpose Receptacle Wall Mounted NEMA 4X (For Tesla Charger)	EA	2	0%	2	1.500	$ 75.00	$ 112.50	$ 275.50	$ 388.00	$ 776.00
69			2P/50A Special Purpose Receptacle NEMA 1	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 35.50	$ 69.25	$ 69.25
70			2P/50A Special Purpose Receptacle Wall Mounted NEMA1	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 35.50	$ 69.25	$ 69.25
71			Equipment Connection	EA	26	0%	26	0.500	$ 75.00	$ 37.50	$ -	$ 37.50	$ 975.00
72			Tamper Resistant Double Duplex Receptacle Wall Mounted, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	2	0%	2	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 131.00
73			Tamper Resistant Duplex Receptacle Ceiling Mounted, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	7	0%	7	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 458.50
74			Tamper Resistant Duplex Receptacle Floor Mounted, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	7	0%	7	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 458.50
75			Tamper Resistant Duplex Receptacle Half Switched, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	1	0%	1	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 65.50
76			Tamper Resistant Duplex Receptacle Wall Mounted, NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	84	0%	84	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 5,502.00
77			Tamper Resistant GFCI Duplex Receptacle Wall Mounted, NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	23	0%	23	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 1,506.50
			LIGHTING										
			CONDUIT										
78			1/2" EMT Conduit	LF	153	10%	168	0.060	$ 75.00	$ 4.50	$ 1.62	$ 6.12	$ 1,027.77

DETAILED BREAKDOWN OF ITEMS

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Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
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Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
79			3/4" EMT Conduit	LF	150	10%	164	0.062	$ 75.00	$ 4.65	$ 2.08	$ 6.73	$ 1,106.90
			CONDUCTOR										
80			3#12 MC Cable	LF	389	10%	428	0.018	$ 75.00	$ 1.35	$ 1.25	$ 2.60	$ 1,112.14
81			3#10 MC Cable	LF	1618	10%	1780	0.020	$ 75.00	$ 1.50	$ 2.25	$ 3.75	$ 6,674.25
82			#12 CU THHN/THWN	LF	458	10%	504	0.007	$ 75.00	$ 0.53	$ 0.20	$ 0.73	$ 365.26
83			#10 CU THHN/THWN	LF	449	10%	493	0.008	$ 75.00	$ 0.60	$ 0.28	$ 0.88	$ 434.21
			LIGHTING FIXTURES										
84			Ceiling Lighting Fixture	EA	88	0%	88	0.750	$ 75.00	$ 56.25	$ 32.50	$ 88.75	$ 7,810.00
85			Ceiling Lighting Fixture Vapor Tight	EA	10	0%	10	0.750	$ 75.00	$ 56.25	$ 62.99	$ 119.24	$ 1,192.40
86			Downlight External W/ Angle	EA	12	0%	12	0.800	$ 75.00	$ 60.00	$ 61.50	$ 121.50	$ 1,458.00
87			LED Strip Light	LF	575	0%	575	0.062	$ 75.00	$ 4.65	$ 10.10	$ 14.75	$ 8,475.06
88			Wall Mounted Fixture	EA	38	0%	38	0.800	$ 75.00	$ 60.00	$ 60.50	$ 120.50	$ 4,579.00
			LIGHTING CONTROL										
89			3 Pole Switch Wall Mounted, MFG: LEGRAND	EA	2	0%	2	0.350	$ 75.00	$ 26.25	$ 18.50	$ 44.75	$ 89.50
90			3 Way Dimmer Switch Wall Mounted, MFG: LEGRAND	EA	9	0%	9	0.560	$ 75.00	$ 42.00	$ 84.86	$ 126.86	$ 1,141.74
91			4 Way Dimmer Switch Wall Mounted, MFG: LEGRAND	EA	9	0%	9	0.600	$ 75.00	$ 45.00	$ 88.77	$ 133.77	$ 1,203.93
92			Single Pole Dimmer Switch Wall Mounted, MFG: LEGRAND	EA	49	0%	49	0.600	$ 75.00	$ 45.00	$ 90.40	$ 135.40	$ 6,634.60
93			Single Pole Door Switch Wall Mounted, MFG: LEGRAND	EA	36	0%	36	0.400	$ 75.00	$ 30.00	$ 45.43	$ 75.43	$ 2,715.48
94			Single Pole Switch Wall Mounted, MFG: LEGRAND	EA	19	0%	19	0.250	$ 75.00	$ 18.75	$ 28.50	$ 47.25	$ 897.75
			SAW CUT										
95			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	49	0%	49	0.100	$ 75.00	$ 7.50	$ -	$ 7.50	$ 367.50
												SUBTOTAL $	**129,737**
			COMMUNICATION										
			TELECOMMUNICATION										
			CONDUIT										
96			3/4" EMT Conduit W/ Pull String	LF	225	10%	248	0.062	$ 75.00	$ 4.65	$ 2.08	$ 6.73	$ 1,665.68
			DEVICES										
97			3/4" X 48" X 96" Fire Rated Plywood Backboard	EA	1	0%	1	0.500	$ 75.00	$ 37.50	$ 62.50	$ 100.00	$ 100.00
98			Intercom Station Wall Mounted	EA	1	0%	1	2.000	$ 75.00	$ 150.00	$ 256.50	$ 406.50	$ 406.50
99			Low Voltage Keypad By Others	EA	1	0%	1	0.000	$ 75.00	$ -	$ -	$ -	$ -
100			Tele/Data Outlet Wall Mounted	EA	9	0%	9	0.160	$ 75.00	$ 12.00	$ 14.50	$ 26.50	$ 238.50
101			TV Outlet Wall Mounted	EA	3	0%	3	0.160	$ 75.00	$ 12.00	$ 10.50	$ 22.50	$ 67.50
102			WP Intercom Station Wall Mounted	EA	1	0%	1	2.000	$ 75.00	$ 150.00	$ 228.50	$ 378.50	$ 378.50
103	**From Sheet # E101, E102, E201, E202, E501, E502**	**From Electrical Plans**	Junction Box	EA	14	0%	14	0.200	$ 75.00	$ 15.00	$ 20.50	$ 35.50	$ 497.00
104			WP Junction Box	EA	1	0%	1	0.200	$ 75.00	$ 15.00	$ 28.50	$ 43.50	$ 43.50
105			Faceplate's	EA	15	0%	15	0.100	$ 75.00	$ 7.50	$ 3.50	$ 11.00	$ 165.00
			SECURITY										
			CONDUIT										
106			3/4" EMT Conduit W/ Pull String	LF	285	10%	314	0.062	$ 75.00	$ 4.65	$ 2.08	$ 6.73	$ 2,109.86
			DEVICES										
107			Speaker Ceiling Mounted	EA	16	0%	16	1.500	$ 75.00	$ 112.50	$ 78.50	$ 191.00	$ 3,056.00
108			WP Security Camera Wall Mounted	EA	3	0%	3	1.850	$ 75.00	$ 138.75	$ 132.50	$ 271.25	$ 813.75
109			Junction Box	EA	16	0%	16	0.200	$ 75.00	$ 15.00	$ 20.50	$ 35.50	$ 568.00
110			WP Junction Box	EA	3	0%	3	0.200	$ 75.00	$ 15.00	$ 28.50	$ 43.50	$ 130.50
111			Faceplate's	EA	19	0%	19	0.100	$ 75.00	$ 7.50	$ 3.50	$ 11.00	$ 209.00
												SUBTOTAL $	**10,449**
			ELECTRONIC SAFETY AND SECURITY										
			FIRE ALARM										
			DEVICES										
112	**From Sheet # A401, A402, A150, A151**	**From Architecture Plans**	120V Combo Carbon Monoxide and Smoke Alarm, Photoelectric Smoke Detection Ceiling Mounted	EA	5	0%	5	0.800	$ 75.00	$ 60.00	$ 177.93	$ 237.93	$ 1,189.65
113			120V Smoke Alarm, Photoelectric Smoke detection Ceiling Mounted	EA	5	0%	5	0.600	$ 75.00	$ 45.00	$ 120.50	$ 165.50	$ 827.50
114			Junction Box	EA	10	0%	10	0.200	$ 75.00	$ 15.00	$ 20.50	$ 35.50	$ 355.00
												SUBTOTAL $	**2,372**
			UTILITIES										
			DISTRIBUTION										
			CONDUIT										
115			3-1/2" EMT Conduit	LF	7	10%	8	0.178	$ 75.00	$ 13.35	$ 15.74	$ 29.09	$ 224.34
116			3-1/2" PVC SCH 40 Conduit	LF	84	10%	92	0.140	$ 75.00	$ 10.50	$ 5.50	$ 16.00	$ 1,470.13
			CONDUCTOR										
117			#300 KCMIL CU THHN/THWN	LF	273	10%	300	0.041	$ 75.00	$ 3.08	$ 12.50	$ 15.58	$ 4,677.17
			LUGS										
118			Compression Lug CU With 1-Hole , #300 KCMIL CU Wire	EA	6	0%	6	0.500	$ 75.00	$ 37.50	$ 30.50	$ 68.00	$ 408.00
119			Heat Shrink Tubing for #300 KCMIL CU Wire	EA	6	0%	6	0.300	$ 75.00	$ 22.50	$ 3.50	$ 26.00	$ 156.00
			POWER										
			CONDUIT										
120			1" EMT Conduit	LF	102	10%	112	0.070	$ 75.00	$ 5.25	$ 3.76	$ 9.01	$ 1,006.26
121			1" PVC SCH 40 Conduit	LF	27	10%	29	0.068	$ 75.00	$ 5.10	$ 2.25	$ 7.35	$ 216.60
122			1" RGS Conduit	LF	10	10%	11	0.070	$ 75.00	$ 5.25	$ 5.96	$ 11.21	$ 124.42
			CONDUCTOR										
123			#10 CU THHN/THWN	LF	138	10%	152	0.008	$ 75.00	$ 0.60	$ 0.28	$ 0.88	$ 133.58
124			#8 CU THHN/THWN	LF	276	10%	304	0.010	$ 75.00	$ 0.75	$ 0.68	$ 1.43	$ 434.15
			DEVICE										
125	**From Sheet # E101, E102, E201, E202, E501, E502**	**From Electrical Plans**	Tamper Resistant WP GFCI Duplex Receptacle Wall Mounted, NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	13	0%	13	0.400	$ 75.00	$ 30.00	$ 35.50	$ 65.50	$ 851.50
			SITE LIGHTING										
			CONDUIT										
126			1/2" EMT Conduit	LF	172	10%	189	0.060	$ 75.00	$ 4.50	$ 1.62	$ 6.12	$ 1,157.90
127			3/4" EMT Conduit	LF	150	10%	165	0.062	$ 75.00	$ 4.65	$ 2.08	$ 6.73	$ 1,111.19
128			1" PVC SCH 40 Conduit	LF	453	10%	498	0.068	$ 75.00	$ 5.10	$ 2.25	$ 7.35	$ 3,662.51
			CONDUCTOR										
129			#12 CU THHN/THWN	LF	762	10%	838	0.007	$ 75.00	$ 0.53	$ 0.20	$ 0.73	$ 607.70
130			#10 CU THHN/THWN	LF	1563	10%	1719	0.008	$ 75.00	$ 0.60	$ 0.28	$ 0.88	$ 1,512.98
			LIGHTING FIXTURES										
131			WP Floor Light W/ Angle	EA	46	0%	46	1.250	$ 75.00	$ 93.75	$ 156.50	$ 250.25	$ 11,511.50
			TELECOMMUNICATION										
			CONDUIT										
132			2" PVC SCH 40 Conduit With Pull String	LF	89	10%	98	0.100	$ 75.00	$ 7.50	$ 3.50	$ 11.00	$ 1,082.10
			MISCELLANEOUS										
133			Warning Tape	LF	89	0%	89	0.014	$ 75.00	$ 1.05	$ 0.20	$ 1.25	$ 111.79
			TRENCHING & BACKFILLING										
134			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1122	0%	1122	0.075	$ 75.00	$ 5.63	$ -	$ 5.63	$ 6,311.25
												SUBTOTAL $	**36,771**

	PROJECTED COST	**$203,182**
OVERHEAD AND PROFIT	**20%**	**$40,636**
INSURANCE	**3%**	**$6,095**
CONTINGENCY	**5%**	**$10,159**
TAX	**7%**	**$6,819**
SUGGESTED BID		**$266,892**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 09/28/26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
1			Permits	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 1,000.00	$ 1,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 300.00	$ 300.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 800.00	$ 800.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 500.00	$ 500.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL $	**2,600**
			ELECTRICAL										
			Pool is Under a Separate Permit										
			DISTRIBUTION										
			CONDUIT										
8			1-1/4" EMT Conduit	LF	37	10%	41	0.080	$ 75.00	$ 6.00	$ 5.85	$ 11.85	$ 483.60
			CONDUCTOR										
9			#8 CU THHN/THWN	LF	37	10%	41	0.010	$ 75.00	$ 0.75	$ 0.68	$ 1.43	$ 58.36
10			#6 CU THHN/THWN	LF	111	10%	122	0.012	$ 75.00	$ 0.90	$ 1.02	$ 1.92	$ 235.07
			LUGS										
11			Compression Lug CU With 1-Hole , #6 CU Wire	EA	10	0%	10	0.120	$ 75.00	$ 9.00	$ 3.55	$ 12.55	$ 125.50
12			Heat Shrink Tubing for #6 CU Wire	EA	10	0%	10	0.060	$ 75.00	$ 4.50	$ 0.60	$ 5.10	$ 51.00
			CIRCUIT BREAKER										
13			2P/20A Circuit Breaker	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 25.50	$ 59.25	$ 59.25
14			1P/20A Circuit Breaker	EA	1	0%	1	0.300	$ 75.00	$ 22.50	$ 22.50	$ 45.00	$ 45.00
15			2P/50A Circuit Breaker	EA	1	0%	1	0.450	$ 75.00	$ 33.75	$ 65.50	$ 99.25	$ 99.25
			PANEL										
16			Panel "Pool Intermatic T-40000 RT3" 60A MLO, 120/204V, 1 Phase, 3 Wire, 8 Poles, 10K AIC Rating, NEMA 4X W/ Digital Salt System	EA	1	0%	1	3.850	$ 75.00	$ 288.75	$ 2,450.00	$ 2,738.75	$ 2,738.75
			DISCONNECT SWITCH										
17			2P/50A Non Fused Disconnect Switch NEMA 4X	EA	1	0%	1	1.500	$ 75.00	$ 112.50	$ 1,185.50	$ 1,298.00	$ 1,298.00
			GROUNDING										
18			Grounding Clamp For Steel	EA	4	0%	4	0.500	$ 75.00	$ 37.50	$ 48.50	$ 86.00	$ 344.00
19			4#8 CU Bonding Tails (Jumper LF = 3)	EA	4	0%	4	0.200	$ 75.00	$ 15.00	$ 18.50	$ 33.50	$ 134.00
20			#8 Grounding Conductor	LF	71	10%	78	0.010	$ 75.00	$ 0.75	$ 0.68	$ 1.43	$ 111.67
			POWER										
	From Sheet # XE01	**From Pool Plans**	**CONDUIT**										
21			1/2" EMT Conduit (Length Assumed)	LF	30	10%	33	0.060	$ 75.00	$ 4.50	$ 1.62	$ 6.12	$ 201.96
22			3/4" EMT Conduit (Length Assumed)	LF	30	10%	33	0.062	$ 75.00	$ 4.65	$ 2.08	$ 6.73	$ 222.09
23			3/4" FLEX-S Conduit (Length Assumed)	LF	5	10%	6	0.056	$ 75.00	$ 4.20	$ 1.25	$ 5.45	$ 29.98
			CONDUCTOR										
24			#12 CU THHN/THWN (Length Assumed)	LF	90	10%	99	0.007	$ 75.00	$ 0.53	$ 0.20	$ 0.73	$ 71.78
25			#8 CU THHN/THWN (Length Assumed)	LF	35	10%	39	0.010	$ 75.00	$ 0.75	$ 0.68	$ 1.43	$ 55.06
26			#6 CU THHN/THWN (Length Assumed)	LF	70	10%	77	0.012	$ 75.00	$ 0.90	$ 1.02	$ 1.92	$ 147.84
			DEVICE										
27			Equipment Connection	EA	2	0%	2	0.500	$ 75.00	$ 37.50	$ -	$ 37.50	$ 75.00
28			WP GFCI Duplex Receptacle Wall Mounted	EA	1	0%	1	0.350	$ 75.00	$ 26.25	$ 35.50	$ 61.75	$ 61.75
29			WP Junction Box	EA	1	0%	1	0.200	$ 75.00	$ 15.00	$ 28.50	$ 43.50	$ 43.50
			LIGHTING										
			CONDUIT										
30			1/2" EMT Conduit	LF	71	10%	78	0.060	$ 75.00	$ 4.50	$ 1.62	$ 6.12	$ 475.62
31			1" PVC SCH 40 Conduit	LF	5	10%	5	0.066	$ 75.00	$ 4.95	$ 1.50	$ 6.45	$ 33.06
32			1/2" RGS Conduit	LF	34	10%	37	0.060	$ 75.00	$ 4.50	$ 2.65	$ 7.15	$ 264.58
			CONDUCTOR										
33			#12 CU THHN/THWN	LF	327	10%	360	0.007	$ 75.00	$ 0.53	$ 0.20	$ 0.73	$ 260.78
			LIGHTING FIXTURES										
34			12V LED Nicheless Pool Light	EA	3	0%	3	1.000	$ 75.00	$ 75.00	$ 430.50	$ 505.50	$ 1,516.50
			MISCELLANEOUS										
			TRENCHING & BACKFILLING										
35			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	10	0%	10	0.075	$ 75.00	$ 5.63	$ -	$ 5.63	$ 56.25
												SUBTOTAL $	**9,299**

	PROJECTED COST	**$11,899**
OVERHEAD AND PROFIT	**20%**	**$2,380**
INSURANCE	**3%**	**$357**
CONTINGENCY	**5%**	**$595**
TAX	**7%**	**$449**
SUGGESTED BID		**$15,680**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	ELECTRICAL				
	DISTRIBUTION				
	CONDUIT				
	1 Cut Length = 10 LF				
1	1-1/4" EMT Conduit	EA	8	0%	8
2	1-1/4" EMT Conduit (Length Assumed)	EA	3	0%	3
3	2" EMT Conduit	EA	7	0%	7
4	3-1/2" EMT Conduit	EA	1	0%	1
	CONDUCTOR				
	1 ROLL = 10 LF				
5	#8 CU THHN/THWN	ROLL	1	0%	1
6	#6 CU THHN/THWN	ROLL	7	0%	7
7	#3 CU THHN/THWN	ROLL	22	0%	22
8	#3 CU THHN/THWN (Length Assumed)	ROLL	9	0%	9
9	#3/0 CU THHN/THWN	ROLL	13	0%	13
10	#600 KCMIL CU THHN/THWN	ROLL	3	0%	3
	LUGS				
11	Compression Lug CU With 1-Hole , #6 CU Wire	EA	2	0%	2
12	Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2
13	Compression Lug CU With 1-Hole , #3 CU Wire	EA	16	0%	16
14	Heat Shrink Tubing for #3 CU Wire	EA	16	0%	16
15	Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	4	0%	4
16	Heat Shrink Tubing for #3/0 CU Wire	EA	4	0%	4
17	Compression Lug CU With 1-Hole , #600 KCMIL CU Wire	EA	6	0%	6
18	Heat Shrink Tubing for #600 KCMIL CU Wire	EA	6	0%	6
	CIRCUIT BREAKER				
19	1P/20A AFCI + GFCI Circuit Breaker	EA	18	0%	18
20	1P/20A AFCI Circuit Breaker	EA	31	0%	31
21	1P/20A Circuit Breaker	EA	7	0%	7
22	1P/20A GFCI Circuit Breaker	EA	9	0%	9
23	2P/15A Circuit Breaker	EA	4	0%	4
24	2P/25A Circuit Breaker	EA	1	0%	1
25	2P/30A Circuit Breaker	EA	1	0%	1
26	2P/30A GFCI Circuit Breaker	EA	1	0%	1
27	2P/40A Circuit Breaker	EA	3	0%	3
28	2P/40A GFCI Circuit Breaker	EA	2	0%	2
29	2P/50A GFCI Circuit Breaker	EA	2	0%	2
30	2P/60A Circuit Breaker	EA	1	0%	1
31	2P/100A Circuit Breaker	EA	1	0%	1
32	2P/200A Circuit Breaker	EA	1	0%	1
33	2P/400A Main Circuit Breaker	EA	1	0%	1
	PANEL				
34	Panel "A" 225A MLO, 120/240V, 1 Phase, 3 Wire, 84 Poles, 14KA SCCR, MFG: Square D, Recessed Mounted NEMA 1	EA	1	0%	1
35	Panel "E" 100A MLO, 120/240V, 1 Phase, 3 Wire, 30 Poles, 10KA SCCR, MFG: Square D, Recessed Mounted NEMA 1	EA	1	0%	1
36	Panel "MDP" 400A MCB, 120/240V, 1 Phase, 3 Wire, 30 Poles, 22KA SCCR, MFG: Square D, Surface Mounted, NEMA 4X	EA	1	0%	1
	DEVICES				

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
37	100A Male Receptacle for Portable Generator, 120,240V, 3 Phase, 4 Wire, NEMA 4X	EA	1	0%	1
38	400A FPL Meter, 120/240V, 1 Phase, 3 Wire, W/ Meter Socket NEMA 4X	EA	1	0%	1
39	400A Manual Transfer Switch NEMA 4X	EA	1	0%	1
40	Cable/Telephone Box Enclosure W/ 20A GFCI Duplex Receptacle	EA	1	0%	1
	DISCONNECT SWITCH				
41	2P/30A Non Fused Disconnect Switch NEMA 1	EA	9	0%	9
42	2P/60A Non Fused Disconnect Switch NEMA 4X	EA	3	0%	3
	GROUNDING				
43	#6 Grounding Conductor 1 Roll = 10 LF	ROLL	6	0%	6
44	5/8" X 10' Copper Ground Rod	EA	3	0%	3
45	Exothermic Weld	EA	9	0%	9
46	UFER Grounding Electrode	EA	1	0%	1
	POWER				
	CONDUIT				
	1 Cut Length = 10 LF				
47	1/2" EMT Conduit	EA	207	0%	207
48	3/4" EMT Conduit	EA	24	0%	24
49	1/2" FLEX-S Conduit	EA	2	0%	2
50	3/4" LFMC Conduit	EA	1	0%	1
51	1" PVC SCH 40 Conduit	EA	7	0%	7
52	3/4" RGS Conduit	EA	1	0%	1
	CONDUCTOR				
	1 Roll = 100 LF				
53	3#12 MC Cable	ROLL	10	0%	10
54	3#10 MC Cable	ROLL	1	0%	1
55	#12 CU THHN/THWN	ROLL	65	0%	65
56	#10 CU THHN/THWN	ROLL	4	0%	4
57	#8 CU THHN/THWN	ROLL	4	0%	4
	DEVICE				
58	1P/20A Motor Rated Switch NEMA 1	EA	1	0%	1
59	2P/30A Special Purpose Receptacle NEMA 1	EA	1	0%	1
60	2P/40A Special Purpose Receptacle Wall Mounted NEMA 4X (For Tesla Charger)	EA	2	0%	2
61	2P/50A Special Purpose Receptacle NEMA 1	EA	1	0%	1
62	2P/50A Special Purpose Receptacle Wall Mounted NEMA1	EA	1	0%	1
63	Equipment Connection	EA	26	0%	26
64	Tamper Resistant Double Duplex Receptacle Wall Mounted, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	2	0%	2
65	Tamper Resistant Duplex Receptacle Ceiling Mounted, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	7	0%	7
66	Tamper Resistant Duplex Receptacle Floor Mounted, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	7	0%	7
67	Tamper Resistant Duplex Receptacle Half Switched, , NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	1	0%	1
68	Tamper Resistant Duplex Receptacle Wall Mounted, NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	84	0%	84
69	Tamper Resistant GFCI Duplex Receptacle Wall Mounted, NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	23	0%	23
	LIGHTING				
	CONDUIT				
	1 Cut Length = 10 LF				
70	1/2" EMT Conduit	EA	153	0%	153
71	3/4" EMT Conduit	EA	150	0%	150
	CONDUCTOR				
	1 Roll = 100 LF				
72	3#12 MC Cable	ROLL	4	0%	4
73	3#10 MC Cable	ROLL	16	0%	16
74	#12 CU THHN/THWN	ROLL	4	0%	4
75	#10 CU THHN/THWN	ROLL	4	0%	4
	LIGHTING FIXTURES				
76	Ceiling Lighting Fixture	EA	88	0%	88
77	Ceiling Lighting Fixture Vapor Tight	EA	6	0%	6

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
78	Downlight External W/ Angle	EA	12	0%	12
79	LED Strip Light	LF	575	0%	575
80	Wall Mounted Fixture	EA	38	0%	38
	LIGHTING CONTROL				
81	3 Pole Switch Wall Mounted, MFG: LEGRAND	EA	2	0%	2
82	3 Way Dimmer Switch Wall Mounted, MFG: LEGRAND	EA	9	0%	9
83	4 Way Dimmer Switch Wall Mounted, MFG: LEGRAND	EA	9	0%	9
84	Single Pole Dimmer Switch Wall Mounted, MFG: LEGRAND	EA	49	0%	49
85	Single Pole Door Switch Wall Mounted, MFG: LEGRAND	EA	36	0%	36
86	Single Pole Switch Wall Mounted, MFG: LEGRAND	EA	18	0%	18
	COMMUNICATION				
	TELECOMMUNICATION				
	CONDUIT				
	1 Cut Length = 10 LF				
87	3/4" EMT Conduit W/ Pull String	EA	22	0%	22
	DEVICES				
88	3/4" X 48" X 96" Fire Rated Plywood Backboard	EA	1	0%	1
89	Intercom Station Wall Mounted	EA	1	0%	1
90	Low Voltage Keypad By Others	EA	1	0%	1
91	Tele/Data Outlet Wall Mounted	EA	9	0%	9
92	TV Outlet Wall Mounted	EA	3	0%	3
93	WP Intercom Station Wall Mounted	EA	1	0%	1
94	Junction Box	EA	14	0%	14
95	WP Junction Box	EA	1	0%	1
96	Faceplate's	EA	15	0%	15
	SECURITY				
	CONDUIT				
	1 Cut Length = 10 LF				
97	3/4" EMT Conduit W/ Pull String	EA	28	0%	28
	DEVICES				
98	Speaker Ceiling Mounted	EA	16	0%	16
99	WP Security Camera Wall Mounted	EA	3	0%	3
100	Junction Box	EA	16	0%	16
101	WP Junction Box	EA	3	0%	3
102	Faceplate's	EA	19	0%	19
	ELECTRONIC SAFETY AND SECURITY				
	FIRE ALARM				
	DEVICES				
103	120V Combo Carbon Monoxide and Smoke Alarm, Photoelectric Smoke Detection Ceiling Mounted	EA	5	0%	5
104	120V Smoke Alarm, Photoelectric Smoke detection Ceiling Mounted	EA	5	0%	5
105	Junction Box	EA	10	0%	10
106	Faceplate's	EA	10	0%	10
	UTILITIES				
	DISTRIBUTION				
	CONDUIT				
	1 Cut Length = 10 LF				
107	3-1/2" EMT Conduit	EA	1	0%	1
108	3-1/2" PVC SCH 40 Conduit	EA	8	0%	8
	CONDUCTOR				
	1 Roll = 100 LF				
109	#300 KCMIL CU THHN/THWN	ROLL	3	0%	3
	LUGS				
110	Compression Lug CU With 1-Hole , #300 KCMIL CU Wire	EA	6	0%	6
111	Heat Shrink Tubing for #300 KCMIL CU Wire	EA	6	0%	6
	POWER				
	CONDUIT				

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	1 Cut Length = 10 LF				
112	1" EMT Conduit	EA	10	0%	10
113	1" PVC SCH 40 Conduit	EA	3	0%	3
114	1" RGS Conduit	EA	1	0%	1
	CONDUCTOR				
	1 ROLL = 100 LF				
115	#10 CU THHN/THWN	ROLL	1	0%	1
116	#8 CU THHN/THWN	ROLL	3	0%	3
	DEVICE				
117	Tamper Resistant WP GFCI Duplex Receptacle Wall Mounted, NEMA 5-15R/5-20R, MFG: Commercial Grade and Decora Type	EA	13	0%	13
	SITE LIGHTING				
	CONDUIT				
	1 Cut Length = 10 LF				
118	1/2" EMT Conduit	EA	17	0%	17
119	3/4" EMT Conduit	EA	15	0%	15
120	1" PVC SCH 40 Conduit	EA	45	0%	45
	CONDUCTOR				
	1 ROLL = 100 LF				
121	#12 CU THHN/THWN	ROLL	8	0%	8
122	#10 CU THHN/THWN	ROLL	16	0%	16
	LIGHTING FIXTURES				
123	WP Floor Light W/ Angle	EA	46	0%	46
	TELECOMMUNICATION				
	CONDUIT				
	1 Cut Length = 10 LF				
124	2" PVC SCH 40 Conduit With Pull String	EA	9	0%	9
	MISCELLANEOUS				
125	Warning Tape	LF	89	0%	89
	ELECTRICAL				
	Pool is Under a Separate Permit				
	DISTRIBUTION				
	CONDUIT				
	1 Cut Length = 10 LF				
126	1-1/4" EMT Conduit	EA	4	0%	4
	CONDUCTOR				
	1 Roll = 10 LF				
127	#8 CU THHN/THWN	ROLL	4	0%	4
128	#6 CU THHN/THWN	ROLL	11	0%	11
	LUGS				
129	Compression Lug CU With 1-Hole , #6 CU Wire	EA	10	0%	10
130	Heat Shrink Tubing for #6 CU Wire	EA	10	0%	10
	CIRCUIT BREAKER				
131	2P/20A Circuit Breaker	EA	1	0%	1
132	1P/20A Circuit Breaker	EA	1	0%	1
133	2P/50A Circuit Breaker	EA	1	0%	1
	PANEL				
134	Panel "Pool Intermatic T-40000 RT3" 60A MLO, 120/204V, 1 Phase, 3 Wire, 8 Poles, 10K AIC Rating, NEMA 4X	EA	1	0%	1
	DEVICES				
135	Digital Salt System NEMA 4X	EA	1	0%	1
	DISCONNECT SWITCH				
136	2P/50A Non Fused Disconnect Switch NEMA 4X	EA	1	0%	1
	GROUNDING				
137	Grounding Clamp For Steel	EA	4	0%	4
138	4#8 CU Bonding Tails (Jumper LF = 3)	EA	4	0%	4
139	#8 Grounding Conductor 1 Roll =10 LF	ROLL	7	0%	7
	POWER				

DETAILED BREAKDOWN OF ITEMS

Prepared for: New Residence At 3610 Palmetto Avenue Miami, FL 33133
Project ID: 46293
Scope: Electrical

ELECTRICAL ESTIMATION
+1 708-381-0900

Date: 28-Sep-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	CONDUIT				
	1 Cut Length = 10 LF				
140	1/2" EMT Conduit (Length Assumed)	EA	3	0%	3
141	3/4" EMT Conduit (Length Assumed)	EA	3	0%	3
142	3/4" FLEX-S Conduit (Length Assumed)	EA	1	0%	1
	CONDUCTOR				
	1 Roll = 10 LF				
143	#12 CU THHN/THWN (Length Assumed)	ROLL	9	0%	9
144	#8 CU THHN/THWN (Length Assumed)	ROLL	3	0%	3
145	#6 CU THHN/THWN (Length Assumed)	ROLL	7	0%	7
	DEVICE				
146	Equipment Connection	EA	2	0%	2
147	WP GFCI Duplex Receptacle Wall Mounted	EA	1	0%	1
148	WP Junction Box	EA	1	0%	1
	LIGHTING				
	CONDUIT				
	1 Cut Length = 10 LF				
149	1/2" EMT Conduit	EA	7	0%	7
150	1" PVC SCH 40 Conduit	EA	1	0%	1
151	1/2" RGS Conduit	EA	3	0%	3
	CONDUCTOR				
	1 Roll = 100 LF				
152	#12 CU THHN/THWN	ROLL	3	0%	3
	LIGHTING FIXTURES				
153	12V LED Nicheless Pool Light	EA	3	0%	3

ELECTRICAL ESTIMATION