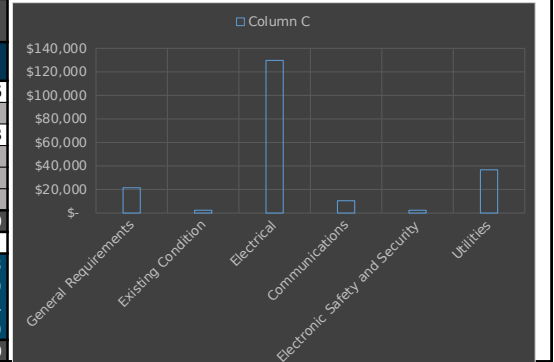


GENERAL SUMMARY

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
ESTIMATING**
 +1 (214) 556-2605

		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 ESTIMATING

Phone: +1 (214) 556-2605

DETAILED BREAKDOWN OF ITEMS													
Prepared for:		New Residence At 3610 Palmetto Avenue Miami, FL 33133											
Project ID:		46293											
Scope:		Electrical											
												 +1 (214) 556-2605	
												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													
8	From Sheet # E101, E102	From Electrical Plans	DEMOLITION 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													
			1-1/4" EMT Conduit	LF	78	10%	86	0.080	\$ 75.00	\$ 6.00	\$ 5.85	\$ 11.85	\$ 1,016.73
9			1-1/4" EMT Conduit	LF	30	10%	33	0.080	\$ 75.00	\$ 6.00	\$ 5.85	\$ 11.85	\$ 391.05
10			2" EMT Conduit (Length Assumed)	LF	66	10%	72	0.100	\$ 75.00	\$ 7.50	\$ 9.50	\$ 17.00	\$ 1,229.53
11			3-1/2" EMT Conduit	LF	11	10%	12	0.180	\$ 75.00	\$ 13.50	\$ 15.74	\$ 29.24	\$ 352.20
12			CONDUCTOR										
			#8 CU THHN/THWN	LF	11	10%	12	0.010	\$ 75.00	\$ 0.75	\$ 0.68	\$ 1.43	\$ 16.96
13			#6 CU THHN/THWN	LF	66	10%	72	0.012	\$ 75.00	\$ 0.90	\$ 1.02	\$ 1.92	\$ 138.86
14			#3 CU THHN/THWN	LF	224	10%	246	0.016	\$ 75.00	\$ 1.20	\$ 2.06	\$ 3.26	\$ 893.26
15			#3 CU THHN/THWN (Length Assumed)	LF	90	10%	99	0.016	\$ 75.00	\$ 1.20	\$ 2.06	\$ 3.26	\$ 322.74
16			#30 CU THHN/THWN	LF	132	10%	145	0.032	\$ 75.00	\$ 2.40	\$ 5.25	\$ 7.65	\$ 1,106.57
17			#600 KCMIL CU THHN/THWN	LF	33	10%	36	0.070	\$ 75.00	\$ 5.25	\$ 27.57	\$ 32.82	\$ 1,185.95
18			LUGS										
			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
19			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.060	\$ 75.00	\$ 4.50	\$ 0.60	\$ 5.10	\$ 10.20
20			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
21			Heat Shrink Tubing for #3 CU Wire	EA	16	0%	16	0.080	\$ 75.00	\$ 6.00	\$ 0.80	\$ 6.80	\$ 108.80
22			Compression Lug CU With 1-Hole, #30 CU Wire	EA	4	0%	4	0.270	\$ 75.00	\$ 20.25	\$ 11.68	\$ 31.93	\$ 127.72
23			Heat Shrink Tubing for #30 CU Wire	EA	4	0%	4	0.140	\$ 75.00	\$ 10.50	\$ 1.50	\$ 12.00	\$ 48.00
24			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
25			Heat Shrink Tubing for #600 KCMIL CU Wire	EA	6	0%	6	0.320	\$ 75.00	\$ 24.00	\$ 6.85	\$ 30.85	\$ 185.10
26			CIRCUIT BREAKER										
			1P/20A AFCI + GFCI Circuit Breaker	EA	18	0%	18	0.300	\$ 75.00	\$ 22.50	\$ 64.65	\$ 87.15	\$ 1,568.70
27			1P/20A AFCI Circuit Breaker	EA	31	0%	31	0.300	\$ 75.00	\$ 22.50	\$ 49.99	\$ 72.49	\$ 2,247.19
28			1P/20A Circuit Breaker	EA	7	0%	7	0.300	\$ 75.00	\$ 22.50	\$ 22.50	\$ 45.00	\$ 315.00
29			1P/20A GFCI Circuit Breaker	EA	9	0%	9	0.300	\$ 75.00	\$ 22.50	\$ 28.50	\$ 51.00	\$ 459.00
30			2P/15A Circuit Breaker	EA	4	0%	4	0.450	\$ 75.00	\$ 33.75	\$ 18.50	\$ 52.25	\$ 209.00
31			2P/25A Circuit Breaker	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 30.50	\$ 64.25	\$ 64.25
32			2P/30A Circuit Breaker	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 38.50	\$ 72.25	\$ 72.25
33			2P/30A GFCI Circuit Breaker	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 44.64	\$ 78.39	\$ 78.39
34			2P/40A Circuit Breaker	EA	3	0%	3	0.450	\$ 75.00	\$ 33.75	\$ 56.50	\$ 90.25	\$ 270.75
35			2P/40A GFCI Circuit Breaker	EA	2	0%	2	0.450	\$ 75.00	\$ 33.75	\$ 60.50	\$ 94.25	\$ 188.50
36			2P/50A GFCI Circuit Breaker	EA	2	0%	2	0.450	\$ 75.00	\$ 33.75	\$ 76.50	\$ 110.25	\$ 220.50
37			2P/60A Circuit Breaker	EA	1	0%	1	0.650	\$ 75.00	\$ 48.75	\$ 84.50	\$ 133.25	\$ 133.25
38			2P/100A Circuit Breaker	EA	1	0%	1	1.000	\$ 75.00	\$ 75.00	\$ 125.50	\$ 200.50	\$ 200.50
39			2P/200A Circuit Breaker	EA	1	0%	1	1.500	\$ 75.00	\$ 112.50	\$ 162.50	\$ 275.00	\$ 275.00
40			2P/400A Main Circuit Breaker	EA	1	0%	1	2.250	\$ 75.00	\$ 168.75	\$ 1,205.00	\$ 1,373.75	\$ 1,373.75
41			PANEL										
			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
42			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
43			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
44			DEVICES										
			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
45			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
46			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
47			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
48			DISCONNECT SWITCH										
			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
49			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
50			GROUNDING										
			#6 Grounding Conductor	LF	60	10%	66	0.012	\$ 75.00	\$ 0.90	\$ 1.02	\$ 1.92	\$ 126.72
51			5/8" X 10' Copper Ground Rod	EA	3	0%	3	0.500	\$ 75.00	\$ 37.50	\$ 62.50	\$ 100.00	\$ 300.00
52			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													
			1/2" EMT Conduit	LF	2074	10%	2281	0.060	\$ 75.00	\$ 4.50	\$ 1.62	\$ 6.12	\$ 13,962.64
55			3/4" EMT Conduit	LF	244	10%	268	0.062	\$ 75.00	\$ 4.65	\$ 2.08	\$ 6.73	\$ 1,806.33
56			1/2" FLEX-S Conduit	LF	25	10%	27	0.056	\$ 75.00	\$ 4.20	\$ 1.25	\$ 5.45	\$ 147.06
57			3/4" LFM Conduit	LF	9	10%	10	0.062	\$ 75.00	\$ 4.65	\$ 2.50	\$ 7.15	\$ 72.75
58			1" PVC SCH 40 Conduit	LF	73	10%	80	0.066	\$ 75.00	\$ 4.95	\$ 1.50	\$ 6.45	\$ 517.94
59			3/4" RGS Conduit	LF	15	10%	17	0.062	\$ 75.00	\$ 4.65	\$ 3.76	\$ 8.41	\$ 141.63
60			CONDUCTOR										
			3#12 MC Cable	LF	967	10%	1063	0.018	\$ 75.00	\$ 1.35	\$ 1.25	\$ 2.60	\$ 2,764.48
61			3#10 MC Cable	LF	124	10%	137	0.020	\$ 75.00	\$ 1.50	\$ 2.25	\$ 3.75	\$ 512.57
62			#12 CU THHN/THWN	LF	6513	10%	7164	0.007	\$ 75.00	\$ 0.53	\$ 0.20	\$ 0.73	\$ 5,194.12
63			#10 CU THHN/THWN	LF	415	10%	457	0.008	\$ 75.00	\$ 0.60	\$ 0.28	\$ 0.88	\$ 401.72
64			#8 CU THHN/THWN	LF	388	10%	427	0.010	\$ 75.00	\$ 0.75	\$ 0.68	\$ 1.43	\$ 610.32
65			DEVICE										
			1P/20A Motor Rated Switch NEMA 1	EA	1	0%	1	0.350	\$ 75.00	\$ 26.25	\$ 25.50	\$ 51.75	\$ 51.75
66			2P/30A Special Purpose Receptacle NEMA 1	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 38.50	\$ 72.25	\$ 72.25
67			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
68			2P/50A Special Purpose Receptacle NEMA 1	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 35.50	\$ 69.25	\$ 69.25
69			2P/50A Special Purpose Receptacle Wall Mounted NEMA1	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 35.50	\$ 69.25	\$ 69.25
70			Equipment Connection	EA	26	0%	26	0.500	\$ 75.00	\$ 37.50	\$ -	\$ 37.50	\$ 975.00
71			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
72			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
73			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
74			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
75			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
76			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
77			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													
Prepared for:		New Residence At 3610 Palmetto Avenue Miami, FL 33133											
Project ID:		46293											
Scope:		Electrical											
												 +1 (214) 556-2605	
												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			#12 MC Cable	LF	389	10%	428	0.018	\$ 75.00	\$ 1.35	\$ 1.25	\$ 2.60	\$ 1,112.14
81			#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 Dose 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			TeleData 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	\$ 238.50	\$ 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
			LUOS										
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.													

Phone: +1 (214) 556-2605

DETAILED BREAKDOWN OF ITEMS													
Prepared for:		New Residence At 3610 Palmetto Avenue Miami, FL 33133											
Project ID:		46293											
Scope:		Electrical											
												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													
			1-1/4" EMT Conduit	LF	37	10%	41	0.080	\$ 75.00	\$ 6.00	\$ 5.85	\$ 11.85	\$ 483.60
CONDUCTOR													
8			#8 CU THHN/THWN	LF	37	10%	41	0.010	\$ 75.00	\$ 0.75	\$ 0.68	\$ 1.43	\$ 58.36
9			#6 CU THHN/THWN	LF	111	10%	122	0.012	\$ 75.00	\$ 0.90	\$ 1.02	\$ 1.92	\$ 235.07
LUGS													
10			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
11			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													
12			2P/20A Circuit Breaker	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 25.50	\$ 59.25	\$ 59.25
13			1P/20A Circuit Breaker	EA	1	0%	1	0.300	\$ 75.00	\$ 22.50	\$ 22.50	\$ 45.00	\$ 45.00
14			2P/50A Circuit Breaker	EA	1	0%	1	0.450	\$ 75.00	\$ 33.75	\$ 65.50	\$ 99.25	\$ 99.25
PANEL													
15			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													
16			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													
17			Grounding Clamp For Steel	EA	4	0%	4	0.500	\$ 75.00	\$ 37.50	\$ 48.50	\$ 86.00	\$ 344.00
18			4#8 CU Bonding Tails (Jumper LF = 3)	EA	4	0%	4	0.200	\$ 75.00	\$ 15.00	\$ 18.50	\$ 33.50	\$ 134.00
19			#8 Grounding Conductor	LF	71	10%	78	0.010	\$ 75.00	\$ 0.75	\$ 0.68	\$ 1.43	\$ 111.67
POWER													
CONDUIT													
20			1/2" EMT Conduit (Length Assumed)	LF	30	10%	33	0.060	\$ 75.00	\$ 4.50	\$ 1.62	\$ 6.12	\$ 201.96
21			3/4" EMT Conduit (Length Assumed)	LF	30	10%	33	0.062	\$ 75.00	\$ 4.65	\$ 2.08	\$ 6.73	\$ 222.09
22			3/4" FLEX-S Conduit (Length Assumed)	LF	5	10%	6	0.056	\$ 75.00	\$ 4.20	\$ 1.25	\$ 5.45	\$ 29.98
CONDUCTOR													
23			#12 CU THHN/THWN (Length Assumed)	LF	90	10%	99	0.007	\$ 75.00	\$ 0.53	\$ 0.20	\$ 0.73	\$ 71.78
24			#8 CU THHN/THWN (Length Assumed)	LF	35	10%	39	0.010	\$ 75.00	\$ 0.75	\$ 0.68	\$ 1.43	\$ 55.06
25			#6 CU THHN/THWN (Length Assumed)	LF	70	10%	77	0.012	\$ 75.00	\$ 0.90	\$ 1.02	\$ 1.92	\$ 147.84
DEVICE													
26			Equipment Connection	EA	2	0%	2	0.500	\$ 75.00	\$ 37.50	\$ -	\$ 37.50	\$ 75.00
27			WP GFCI Duplex Receptacle Wall Mounted	EA	1	0%	1	0.350	\$ 75.00	\$ 26.25	\$ 35.50	\$ 61.75	\$ 61.75
28			WP Junction Box	EA	1	0%	1	0.200	\$ 75.00	\$ 15.00	\$ 28.50	\$ 43.50	\$ 43.50
LIGHTING													
CONDUIT													
29			1/2" EMT Conduit	LF	71	10%	78	0.060	\$ 75.00	\$ 4.50	\$ 1.62	\$ 6.12	\$ 475.62
30			1" PVC SCH 40 Conduit	LF	5	10%	5	0.066	\$ 75.00	\$ 4.95	\$ 1.50	\$ 6.45	\$ 33.06
31			1/2" RGS Conduit	LF	34	10%	37	0.060	\$ 75.00	\$ 4.50	\$ 2.65	\$ 7.15	\$ 264.58
CONDUCTOR													
32			#12 CU THHN/THWN	LF	327	10%	360	0.007	\$ 75.00	\$ 0.53	\$ 0.20	\$ 0.73	\$ 260.78
LIGHTING FIXTURES													
33			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													
34			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	
OVERHEAD AND PROFIT												\$11,899	
INSURANCE												20% \$2,380	
CONTINGENCY												3% \$357	
TAX												5% \$595	
												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



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



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



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



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				

Phone: +1 (214) 556-2605

DETAILED BREAKDOWN OF ITEMS

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



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