

## GENERAL SUMMARY

**Prepared for:** Canal Park West Tower, 3227 North Miami Beach, FL 33160  
**Project ID:**  
**Scope:** Electrical  
**No. Of Floors:** 13  
**Date:** 05/14/25



**BUILDING GSF** 462,818

SR.NO:	DESCRIPTION	TOTAL COST
1	General Requirements	\$ 185,000
2	Site	\
3	Garage	\$ 57,486
4	Level 1	\$ 1,164,551
5	Level 2A	\$ 285,079
6	Level 2B	\$ 153,544
7	Level 3A	\$ 298,923
8	Level 3B	\$ 144,293
9	Level 4	\$ 289,250
10	Level 5	\$ 304,741
11	Level 6	\$ 174,007
12	Level 7	\$ 173,478
13	Level 8	\$ 172,924
14	Level 9	\$ 172,924
15	Level 10	\$ 172,247
16	Roof	\$ 128,101
17	Upper Roof	\$ 6,906
<b>TOTAL COST</b>		<b>\$ 3,883,453</b>

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID:  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>GENERAL REQUIREMENTS</b>													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 62,000.00	\$62,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 11,000.00	\$11,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 85,000.00	\$85,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 22,000.00	\$22,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												<b>SUBTOTAL \$ 185,000</b>	



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Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>UTILITIES</b>													
<b>SITE LIGHTING</b>													
<b>CONDUIT</b>													
1			1/2" EMT Conduit	LF	391	10%	430	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 1,548.96
2			3/4" EMT Conduit	LF	474	10%	522	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 2,584.27
3			1/2" PVC SCH 40 Conduit	LF	93	10%	102	0.030	\$ 46.36	\$ 1.39	\$ 1.41	\$ 2.80	\$ 285.10
4			3/4" PVC SCH 40 Conduit	LF	1182	10%	1301	0.035	\$ 46.36	\$ 1.62	\$ 1.57	\$ 3.19	\$ 4,152.67
<b>CONDUCTOR</b>													
5			#10 CU THHN/THWN	LF	1451	10%	1597	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 1,358.49
6			#8 CU THHN/THWN	LF	4970	10%	5467	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 6,252.07
<b>LIGHTING FIXTURES</b>													
7			B1: Bollard Light, STEINBERG RT4-48-26L-30T3-MDL05-CA-XXXX, Serie: Rialta Watts: 47W	EA	14	0%	14	1.550	\$ 46.36	\$ 71.86	\$ 424.00	\$ 495.86	\$ 6,942.01
8			C1: Multifunctional Column, CHREDER LIGHTING SHUFFLE 5119 XP-700mA 830 IV-SHORT Watts: 75W	EA	6	0%	6	3.855	\$ 46.36	\$ 178.72	\$ 2,370.00	\$ 2,548.72	\$ 15,292.31
9	E100		C2: Multifunctional Column, CHREDER LIGHTING SHUFFLE 5130 XP-350mA 830 III-MEDIUM Watts: 50W	EA	2	0%	2	3.855	\$ 46.36	\$ 178.72	\$ 2,370.00	\$ 2,548.72	\$ 5,097.44
10			L3: 30' Length LED Linear Recessed, LUMENWARM CUCR-XXX-FLWFI-HPC120-XXX-XXX-IP67-XXX-XXX, Serie: Palazzo Watts: 1W/FT	EA	15	0%	15	3.500	\$ 46.36	\$ 162.26	\$ 2,040.00	\$ 2,202.26	\$ 33,033.90
11			P1: Road Luminaire, SCHEREDER FLEXIA FG MIDI 5366BL-40-LH351C-500MA-830, Serie: Flexia Watts: 65W	EA	3	0%	3	1.500	\$ 46.36	\$ 69.54	\$ 1,478.00	\$ 1,547.54	\$ 4,642.62
			7M Square Steel Pole With 0.5M ARM	EA	3	0%	3	2.500	\$ 46.36	\$ 115.90	\$ 1,250.00	\$ 1,365.90	\$ 4,097.70
			Concrete Base	EA	3	0%	3	1.000	\$ 46.36	\$ 46.36	\$ 200.00	\$ 246.36	\$ 739.08
12			WP1: Wall Mount Functional Luminaire, CREE XSPW-B-WM-2ME-2L-30K-UL-XX-XX, Serie: Wsp Watts: 13W	EA	8	0%	8	0.850	\$ 46.36	\$ 39.41	\$ 320.00	\$ 359.41	\$ 2,875.25
<b>MISCELLANEOUS</b>													
<b>TRENCHING &amp; BACKFILLING</b>													
13			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	2550	0%	2550	0.040	\$ 46.36	\$ 1.85	\$ -	\$ 1.85	\$ 4,728.76
												<b>SUBTOTAL</b>	<b>\$ 93,631</b>

												<b>PROJECTED COST</b>	<b>\$93,631</b>
<b>OVERHEAD AND PROFIT</b>												15%	\$14,045
<b>INSURANCE</b>												3%	\$2,809
<b>CONTINGENCY</b>												5%	\$4,682
<b>TAX</b>												7%	\$5,264
<b>SUGGESTED BID</b>													



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID:  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
<b>ELECTRICAL</b>														
<b>DISTRIBUTION</b>														
<b>DISCONNECT SWITCH</b>														
1	E100A	Rating Assumed From Panel	2P/20A Non Fused Disconnect Switch	EA	3	0%	3	1.200	\$ 46.36	\$55.63	\$ 162.00	\$ 217.63	\$ 652.90	
<b>POWER</b>														
<b>CONDUIT</b>														
2				1/2" EMT Conduit	LF	894	10%	983	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 3,539.02
3				3/4" EMT Conduit	LF	320	10%	352	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 1,741.58
<b>CONDUCTOR</b>														
4				#10 CU THHN/THWN	LF	2682	10%	2950	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 2,510.15
5				#6 CU THHN/THWN	LF	959	10%	1055	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 1,704.54
<b>DEVICE</b>														
6				Duplex Receptacle, GFL WP	EA	3	0%	3	0.320	\$ 46.36	\$14.84	\$ 35.50	\$ 50.34	\$ 151.01
7				Motor Rated Switch	EA	4	0%	4	0.400	\$ 46.36	\$18.54	\$ 48.66	\$ 67.20	\$ 268.82
<b>LIGHTING</b>														
<b>CONDUIT</b>														
8				1/2" EMT Conduit	LF	315	10%	346	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 1,245.68
9				3/4" EMT Conduit	LF	1551	10%	1706	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 8,451.91
<b>CONDUCTOR</b>														
10				#12 CU THHN/THWN	LF	102	10%	112	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 61.92
11				#10 CU THHN/THWN	LF	842	10%	927	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 788.52
12				#8 CU THHN/THWN	LF	4653	10%	5118	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 5,852.84
<b>LIGHTING FIXTURES</b>														
13			1x4' LED Lighting Fixture	EA	2	0%	2	0.750	\$ 46.36	\$34.77	\$ 145.50	\$ 180.27	\$ 360.54	
14			Emergency Light With Battery Backup	EA	1	0%	1	0.700	\$ 46.36	\$32.45	\$ 225.50	\$ 257.95	\$ 257.95	
15			Exit Sign With Battery Backup, Ceiling Mounted	EA	1	0%	1	0.700	\$ 46.36	\$32.45	\$ 128.50	\$ 160.95	\$ 160.95	
16			Exit Sign With Battery Backup, Wall Mounted	EA	1	0%	1	0.620	\$ 46.36	\$28.74	\$ 110.50	\$ 139.24	\$ 139.24	
17			Wall Sconce Light Fixture	EA	1	0%	1	0.560	\$ 46.36	\$25.96	\$ 230.50	\$ 256.46	\$ 256.46	
18			L1: Parking Garage Luminaire, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	18	0%	18	0.800	\$ 46.36	\$37.09	\$ 605.50	\$ 642.59	\$ 11,566.58	
19			L1-EM: Parking Garage Luminaire With Emergency Battery Backup, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	6	0%	6	1.250	\$ 46.36	\$57.95	\$ 776.00	\$ 833.95	\$ 5,003.70	
<b>MISCELLANEOUS</b>														
20			Junction Box	EA	4	0%	4	0.600	\$ 46.36	\$27.82	\$ 48.50	\$ 76.32	\$ 305.26	
												<b>SUBTOTAL</b>	<b>\$ 45,020</b>	
												<b>PROJECTED COST</b>	<b>\$45,020</b>	
<b>OVERHEAD AND PROFIT</b>												15%	<b>\$6,753</b>	
<b>INSURANCE</b>												3%	<b>\$1,351</b>	
<b>CONTINGENCY</b>												5%	<b>\$2,251</b>	
<b>TAX</b>												7%	<b>\$2,112</b>	
<b>SUGGESTED BID</b>													<b>\$57,486</b>	



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>DUCT BANK</b>										
1			2" PVC SCH 40 Conduit in 2" Concrete Encased	LF	38	10%	42	0.078	\$ 46.36	\$ 3.62	\$ 4.44	\$ 8.06	\$ 337.28
			<b>CONDUIT</b>										
2			1" Flexible Conduit	LF	22	10%	24	0.020	\$ 46.36	\$ 0.93	\$ 2.24	\$ 3.17	\$ 75.50
3		Length Assumed	1-1/2" Flexible Conduit	LF	37	10%	41	0.024	\$ 46.36	\$ 1.11	\$ 3.31	\$ 4.42	\$ 179.95
4			2-1/2" Flexible Conduit	LF	10	10%	11	0.032	\$ 46.36	\$ 1.48	\$ 6.56	\$ 8.04	\$ 85.12
5			1 1/4" EMT Conduit	LF	130	10%	143	0.080	\$ 46.36	\$ 3.71	\$ 5.79	\$ 9.50	\$ 1,358.33
6		Length Assumed	1-1/4" EMT Conduit	LF	30	10%	33	0.080	\$ 46.36	\$ 3.71	\$ 5.79	\$ 9.50	\$ 313.46
7			2" EMT Conduit	LF	512	10%	564	0.100	\$ 46.36	\$ 4.64	\$ 8.89	\$ 13.53	\$ 7,622.60
8		For Future	2" EMT Conduit With Pull String	LF	150	10%	165	0.100	\$ 46.36	\$ 4.64	\$ 8.89	\$ 13.53	\$ 2,231.79
9			2-1/2" EMT Conduit	LF	460	10%	506	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 8,873.78
10			3" EMT Conduit	LF	450	10%	495	0.160	\$ 46.36	\$ 7.42	\$ 14.43	\$ 21.85	\$ 10,814.56
11		Length Assumed	3" EMT Conduit	LF	90	10%	99	0.160	\$ 46.36	\$ 7.42	\$ 14.43	\$ 21.85	\$ 2,162.91
12			4" EMT Conduit	LF	139	10%	153	0.200	\$ 46.36	\$ 9.27	\$ 19.71	\$ 28.98	\$ 4,444.10
13			4" EMT Conduit	LF	60	10%	66	0.200	\$ 46.36	\$ 9.27	\$ 19.71	\$ 28.98	\$ 1,912.81
14		Length Assumed	2-1/2" PVC SCH 40 Conduit	LF	130	10%	143	0.077	\$ 46.36	\$ 3.57	\$ 5.45	\$ 9.02	\$ 2,289.82
15			3-1/2" PVC SCH 40 Conduit	LF	400	10%	440	0.120	\$ 46.36	\$ 5.56	\$ 8.22	\$ 13.78	\$ 6,064.61
16			3" PVC SCH 40 Conduit With Pull String	LF	200	10%	220	0.110	\$ 46.36	\$ 5.10	\$ 8.10	\$ 13.20	\$ 2,903.91
			<b>CONDUCTOR</b>										
17			#10 CU THHN/THWN	LF	22	10%	24	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 20.28
18			#8 CU THHN/THWN	LF	130	10%	143	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 163.53
19		Length Assumed	#8 CU THHN/THWN	LF	30	10%	33	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 37.74
20			#6 CU THHN/THWN	LF	90	10%	98	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 159.16
21			#4 AL THHN/THWN	LF	160	10%	176	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 423.86
22			#3 CU THHN/THWN	LF	520	10%	572	0.020	\$ 46.36	\$ 0.93	\$ 1.82	\$ 2.75	\$ 1,571.40
23		Length Assumed	#3 CU THHN/THWN	LF	158	10%	173	0.020	\$ 46.36	\$ 0.93	\$ 1.82	\$ 2.75	\$ 476.13
24			#2 CU THHN/THWN	LF	10	10%	11	0.024	\$ 46.36	\$ 1.11	\$ 2.40	\$ 3.51	\$ 37.17
25		Length Assumed	#2 CU THHN/THWN	LF	13	10%	14	0.024	\$ 46.36	\$ 1.11	\$ 2.40	\$ 3.51	\$ 48.38
26			#1 AL THHN/THWN	LF	180	10%	198	0.017	\$ 46.36	\$ 0.79	\$ 1.21	\$ 2.00	\$ 395.63
27			#1 AL THHN/THWN	LF	850	10%	935	0.017	\$ 46.36	\$ 0.79	\$ 1.21	\$ 2.00	\$ 1,869.08
28			#10 CU THHN/THWN	LF	98	10%	108	0.024	\$ 46.36	\$ 1.11	\$ 3.25	\$ 4.36	\$ 470.48
29		Length Assumed	#10 CU THHN/THWN	LF	60	10%	66	0.024	\$ 46.36	\$ 1.11	\$ 3.25	\$ 4.36	\$ 287.93
30			#30 AL THHN/THWN	LF	450	10%	495	0.024	\$ 46.36	\$ 1.11	\$ 1.96	\$ 3.07	\$ 1,520.96
31			#40 AL THHN/THWN	LF	2602	10%	2862	0.025	\$ 46.36	\$ 1.16	\$ 2.16	\$ 3.32	\$ 9,497.89
32			#250 MCM AL THHN/THWN	LF	38	10%	42	0.027	\$ 46.36	\$ 1.25	\$ 6.85	\$ 8.10	\$ 342.93
33			#250 KCMIL AL THHN/THWN	LF	1839	10%	2023	0.027	\$ 46.36	\$ 1.25	\$ 1.88	\$ 3.13	\$ 6,335.43
34		Length Assumed	#250 KCMIL AL THHN/THWN	LF	90	10%	99	0.027	\$ 46.36	\$ 1.25	\$ 1.88	\$ 3.13	\$ 310.04
35			#350 KCMIL AL THHN/THWN	LF	240	10%	264	0.032	\$ 46.36	\$ 1.48	\$ 3.75	\$ 5.23	\$ 1,381.65
36			#400 KCMIL AL THHN/THWN	LF	1800	10%	1980	0.034	\$ 46.36	\$ 1.58	\$ 4.47	\$ 6.05	\$ 11,971.56
37		Length Assumed	#400 KCMIL AL THHN/THWN	LF	360	10%	396	0.034	\$ 46.36	\$ 1.58	\$ 4.47	\$ 6.05	\$ 2,394.31
38			#500 KCMIL AL THHN/THWN	LF	1600	10%	1760	0.040	\$ 46.36	\$ 1.85	\$ 5.08	\$ 6.93	\$ 12,204.54
39			#600 KCMIL AL THHN/THWN	LF	558	10%	613	0.042	\$ 46.36	\$ 1.95	\$ 6.14	\$ 8.09	\$ 4,960.32
			<b>LUGS</b>										
40			Compression Lug CU With 1-Hole , #8 CU Wire	EA	6	0%	6	0.083	\$ 46.36	\$ 3.85	\$ 4.61	\$ 8.46	\$ 50.75
41			Heat Shrink Tubing for #8 CU Wire	EA	6	0%	6	0.050	\$ 46.36	\$ 2.32	\$ 2.40	\$ 4.72	\$ 28.31
42			Compression Lug CU With 1-Hole , #6 CU Wire	EA	8	0%	8	0.100	\$ 46.36	\$ 4.64	\$ 7.76	\$ 12.40	\$ 99.17
43			Heat Shrink Tubing for #6 CU Wire	EA	8	0%	8	0.050	\$ 46.36	\$ 2.32	\$ 2.80	\$ 5.12	\$ 40.94
44			Compression Lug AL With 1-Hole , #4 AL Wire	EA	8	0%	8	0.110	\$ 46.36	\$ 5.10	\$ 9.24	\$ 14.34	\$ 114.72
45			Heat Shrink Tubing for #4 AL Wire	EA	8	0%	8	0.050	\$ 46.36	\$ 2.32	\$ 3.20	\$ 5.52	\$ 44.14
46			Compression Lug CU With 1-Hole , #3 CU Wire	EA	30	0%	30	0.122	\$ 46.36	\$ 5.66	\$ 11.55	\$ 17.21	\$ 516.18
47			Heat Shrink Tubing for #3 CU Wire	EA	30	0%	30	0.080	\$ 46.36	\$ 3.71	\$ 3.50	\$ 7.21	\$ 216.26
48			Compression Lug CU With 1-Hole , #2 CU Wire	EA	4	0%	4	0.130	\$ 46.36	\$ 6.03	\$ 13.20	\$ 19.23	\$ 76.91
49			Heat Shrink Tubing for #2 CU Wire	EA	4	0%	4	0.080	\$ 46.36	\$ 3.71	\$ 3.76	\$ 7.47	\$ 29.88
50			Compression Lug AL With 1-Hole , #1 AL Wire	EA	24	0%	24	0.145	\$ 46.36	\$ 6.72	\$ 17.25	\$ 23.97	\$ 575.33
51			Heat Shrink Tubing for #1 AL Wire	EA	24	0%	24	0.080	\$ 46.36	\$ 3.71	\$ 4.12	\$ 7.83	\$ 187.89
52			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	12	0%	12	0.142	\$ 46.36	\$ 6.58	\$ 17.32	\$ 23.90	\$ 286.84
53			Heat Shrink Tubing for #1/0 CU Wire	EA	12	0%	12	0.100	\$ 46.36	\$ 4.64	\$ 4.50	\$ 9.14	\$ 109.63
54			Compression Lug AL With 1-Hole , #3/0 AL Wire	EA	6	0%	6	0.168	\$ 46.36	\$ 7.79	\$ 24.66	\$ 32.45	\$ 194.69
55			Heat Shrink Tubing for #3/0 AL Wire	EA	6	0%	6	0.100	\$ 46.36	\$ 4.64	\$ 4.85	\$ 9.49	\$ 56.92
56			Compression Lug AL With 1-Hole , #4/0 AL Wire	EA	48	0%	48	0.170	\$ 46.36	\$ 7.88	\$ 17.50	\$ 25.38	\$ 1,218.30
57			Heat Shrink Tubing for #4/0 AL Wire	EA	48	0%	48	0.100	\$ 46.36	\$ 4.64	\$ 5.50	\$ 10.14	\$ 486.53
58			Compression Lug AL With 1-Hole , #250 KCMIL AL Wire	EA	54	0%	54	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 2,331.72
59			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	54	0%	54	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 959.69
60			Compression Lug CU With 1-Hole , #2500 MCM CU Wire	EA	8	0%	8	0.300	\$ 46.36	\$ 13.91	\$ 36.70	\$ 50.61	\$ 404.86
61			Heat Shrink Tubing for #2500 MCM CU Wire	EA	8	0%	8	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 142.18
62			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16	0.340	\$ 46.36	\$ 15.76	\$ 51.10	\$ 66.86	\$ 1,069.80
63			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16	0.300	\$ 46.36	\$ 13.91	\$ 13.50	\$ 27.41	\$ 438.53
64			Compression Lug AL With 1-Hole , #400 KCMIL AL Wire	EA	48	0%	48	0.380	\$ 46.36	\$ 17.62	\$ 59.50	\$ 77.12	\$ 3,701.61
65			Heat Shrink Tubing for #400 KCMIL AL Wire	EA	48	0%	48	0.340	\$ 46.36	\$ 15.76	\$ 18.50	\$ 34.26	\$ 1,644.60
66			Compression Lug AL With 1-Hole , #500 KCMIL AL Wire	EA	96	0%	96	0.400	\$ 46.36	\$ 18.54	\$ 66.50	\$ 85.04	\$ 8,164.22
67			Heat Shrink Tubing for #500 KCMIL AL Wire	EA	96	0%	96	0.380	\$ 46.36	\$ 17.62	\$ 28.50	\$ 46.12	\$ 4,427.21
68			Compression Lug AL With 1-Hole , #600 KCMIL AL Wire	EA	32	0%	32	0.500	\$ 46.36	\$ 23.18	\$ 89.50	\$ 112.68	\$ 3,605.76
69			Heat Shrink Tubing for #600 KCMIL AL Wire	EA	32	0%	32	0.500	\$ 46.36	\$ 23.18	\$ 32.50	\$ 55.68	\$ 1,781.76
			<b>CIRCUIT BREAKER</b>										
70			1P20A Breaker	EA	58	0%	58	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 3,383.44
71			1P30A Breaker	EA	1	0%	1	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 83.34
72			1P60A Breaker	EA	1	0%	1	0.320	\$ 46.36	\$ 14.84	\$ 82.50	\$ 97.34	\$ 97.34
73			2P20A Breaker	EA	12	0%	12	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 888.53
74			3P20A Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 128.67	\$ 149.53	\$ 149.53
75			3P20A Serie Rated With Up Stream Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 209.00	\$ 229.86	\$ 229.86
76			3P30A Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 142.50	\$ 163.36	\$ 163.36
77			3P40A Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 175.17	\$ 196.03	\$ 196.03
78			3P50A Breaker	EA	2	0%	2	0.450	\$ 46.36	\$ 20.86	\$ 189.50	\$ 210.36	\$ 420.72
79			3P55A Serie Rated With Up Stream Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 250.00	\$ 270.86	\$ 270.86
80			3P60A Breaker	EA	8	0%	8	0.450	\$ 46.36	\$ 20.86	\$ 225.00	\$ 245.86	\$ 1,966.90
81</													

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
91			3P/400A Serie Rated With Up Stream Breaker	EA	7	0%	7	1.000	\$ 46.36	\$ 46.36	\$ 1,059.00	\$ 1,105.36	\$ 7,737.52
92			3P/600A Breaker	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 2,530.00	\$ 2,585.63	\$ 2,585.63
93			3P/600A Enclosed Circuit Breaker	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 4,500.00	\$ 4,555.63	\$ 4,555.63
94			3P/800A Serie Rated With Up Stream Breaker	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 3,200.00	\$ 3,269.54	\$ 3,269.54
95			3P/1200A MCB	EA	1	0%	1	1.600	\$ 46.36	\$ 74.18	\$ 4,250.00	\$ 4,324.18	\$ 4,324.18
96			3P/1600A MCB	EA	1	0%	1	1.600	\$ 46.36	\$ 74.18	\$ 7,500.00	\$ 7,574.18	\$ 7,574.18
			<b>PANEL</b>										
97			Panel A: 200A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
98			Panel B: 250A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 1,150.00	\$ 1,312.26	\$ 1,312.26
99			Panel E: 200A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
100			Panel EB: 100A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.000	\$ 46.36	\$139.08	\$ 750.00	\$ 889.08	\$ 889.08
101			Panel EHA: 200A, 277/480V, 3PH, 4W, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
102			Panel EHM: 600A, 277/480V, 3PH, 4W 65KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	4.500	\$ 46.36	\$208.62	\$ 3,350.00	\$ 3,558.62	\$ 3,558.62
103			Panel HA: 200A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
104			Panel MDH: 1200A, 277/480V, 3PH, 4W Mains: MCB, 65KAIC, Surface Mounted, NEMA 1, SIEMENS	EA	1	0%	1	8.500	\$ 46.36	\$394.06	\$ 13,500.00	\$ 13,894.06	\$ 13,894.06
105			Panel SD: 100A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.000	\$ 46.36	\$139.08	\$ 750.00	\$ 889.08	\$ 889.08
106			Panel SDP: 200A, 277/480V, 3PH, 4W 65KAIC, 2 Poles, Surface Mounted, NEMA 1, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 2,400.00	\$ 2,562.26	\$ 2,562.26
107			Panel MDP: 1600A, 277/480V, 3PH, 4W Mains: MCB, 65KAIC, Surface Mounted, NEMA 1, SIEMENS	EA	1	0%	1	11.500	\$ 46.36	\$533.14	\$ 27,000.00	\$ 27,533.14	\$ 27,533.14
108			Panel WF No Detail	EA	1	0%	1	3.500	\$ 46.36	\$162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
			<b>DEVICES</b>										
109			ATS 1: 3P/600, Automatic Transfer Switch, NEMA 1	EA	1	0%	1	6.580	\$ 46.36	\$305.05	\$ 7,908.00	\$ 8,213.05	\$ 8,213.05
			4 Selectable Operating Modes	EA	1	0%	1	0.850	\$ 46.36	\$ 39.41	\$ 89.00	\$ 128.41	\$ 128.41
			Auxiliary Contacts Source Available	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 31.77	\$ 50.31	\$ 50.31
			Auxiliary Contacts Switch Position	EA	1	0%	1	0.380	\$ 46.36	\$ 17.62	\$ 27.55	\$ 45.17	\$ 45.17
			Auxiliary Contacts Trouble Condition	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 31.77	\$ 50.31	\$ 50.31
			Close Differential Undervolt Sensing Normal	EA	1	0%	1	0.850	\$ 46.36	\$ 39.41	\$ 79.99	\$ 119.40	\$ 119.40
			Keypad Disability Function	EA	2	0%	2	3.150	\$ 46.36	\$146.03	\$ 805.00	\$ 951.03	\$ 1,902.07
			Load No Load Exercise Function	EA	1	0%	1	2.620	\$ 46.36	\$121.46	\$ 499.00	\$ 620.46	\$ 620.46
			Microprocessor Controller	EA	1	0%	1	3.655	\$ 46.36	\$169.45	\$ 2,787.00	\$ 2,956.45	\$ 2,956.45
			Minimum Run Timer	EA	1	0%	1	0.956	\$ 46.36	\$ 44.32	\$ 128.33	\$ 172.65	\$ 172.65
			Not In Automatic Indicator Lamp	EA	1	0%	1	0.900	\$ 46.36	\$ 41.72	\$ 66.00	\$ 107.72	\$ 107.72
			Power Available Indicator Lamps	EA	1	0%	1	0.850	\$ 46.36	\$ 39.41	\$ 58.00	\$ 97.41	\$ 97.41
			Real Time Clock	EA	1	0%	1	1.750	\$ 46.36	\$ 81.13	\$ 235.95	\$ 317.08	\$ 317.08
			Single Phase Protection	EA	1	0%	1	1.950	\$ 46.36	\$ 90.40	\$ 440.55	\$ 530.95	\$ 530.95
			Surge Protection	EA	1	0%	1	1.950	\$ 46.36	\$ 90.40	\$ 440.55	\$ 530.95	\$ 530.95
			Switch Position Indication Lamps	EA	1	0%	1	0.950	\$ 46.36	\$ 44.04	\$ 58.00	\$ 102.04	\$ 102.04
			Time Delay On Re-Transfer To Normal	EA	1	0%	1	1.250	\$ 46.36	\$ 57.95	\$ 104.13	\$ 162.08	\$ 162.08
			Time Delay Engine Cool Down	EA	1	0%	1	1.300	\$ 46.36	\$ 60.27	\$ 105.00	\$ 165.27	\$ 165.27
			Time Delay Engine Start	EA	1	0%	1	1.650	\$ 46.36	\$ 76.49	\$ 172.10	\$ 248.59	\$ 248.59
			Time Delay Neutral	EA	1	0%	1	0.800	\$ 46.36	\$ 37.09	\$ 66.00	\$ 103.09	\$ 103.09
			Time Delay On Transfer	EA	1	0%	1	1.250	\$ 46.36	\$ 57.95	\$ 104.13	\$ 162.08	\$ 162.08
			Voltage And Frequency Relay Emergency	EA	1	0%	1	1.100	\$ 46.36	\$ 51.00	\$ 90.99	\$ 141.99	\$ 141.99
110			ATS 2: 3P/200, Automatic Transfer Switch, NEMA 1	EA	1	0%	1	3.620	\$ 46.36	\$167.82	\$ 2,457.00	\$ 2,624.82	\$ 2,624.82
			4 Selectable Operating Modes	EA	1	0%	1	0.850	\$ 46.36	\$ 39.41	\$ 89.00	\$ 128.41	\$ 128.41
			Auxiliary Contacts Source Available	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 31.77	\$ 50.31	\$ 50.31
			Auxiliary Contacts Switch Position	EA	1	0%	1	0.380	\$ 46.36	\$ 17.62	\$ 27.55	\$ 45.17	\$ 45.17
			Auxiliary Contacts Trouble Condition	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 31.77	\$ 50.31	\$ 50.31
			Keypad Disability Function	EA	1	0%	1	3.150	\$ 46.36	\$146.03	\$ 805.00	\$ 951.03	\$ 951.03
			Load No Load Exercise Function	EA	1	0%	1	2.620	\$ 46.36	\$121.46	\$ 499.00	\$ 620.46	\$ 620.46
			Microprocessor Controller	EA	1	0%	1	3.655	\$ 46.36	\$169.45	\$ 2,787.00	\$ 2,956.45	\$ 2,956.45
			Minimum Run Timer	EA	1	0%	1	0.956	\$ 46.36	\$ 44.32	\$ 128.33	\$ 172.65	\$ 172.65
			Not In Automatic Indicator Lamp	EA	1	0%	1	0.900	\$ 46.36	\$ 41.72	\$ 66.00	\$ 107.72	\$ 107.72
			Power Available Indicator Lamps	EA	1	0%	1	0.850	\$ 46.36	\$ 39.41	\$ 58.00	\$ 97.41	\$ 97.41
			Real Time Clock	EA	1	0%	1	1.750	\$ 46.36	\$ 81.13	\$ 235.95	\$ 317.08	\$ 317.08
			Single Phase Protection	EA	1	0%	1	1.950	\$ 46.36	\$ 90.40	\$ 440.55	\$ 530.95	\$ 530.95
			Surge Protection	EA	1	0%	1	1.950	\$ 46.36	\$ 90.40	\$ 440.55	\$ 530.95	\$ 530.95
			Switch Position Indication Lamps	EA	1	0%	1	0.950	\$ 46.36	\$ 44.04	\$ 58.00	\$ 102.04	\$ 102.04
			Time Delay On Re-Transfer To Normal	EA	1	0%	1	1.250	\$ 46.36	\$ 57.95	\$ 104.13	\$ 162.08	\$ 162.08
			Time Delay Engine Cool Down	EA	1	0%	1	1.300	\$ 46.36	\$ 60.27	\$ 105.00	\$ 165.27	\$ 165.27
			Time Delay Engine Start	EA	1	0%	1	1.650	\$ 46.36	\$ 76.49	\$ 172.10	\$ 248.59	\$ 248.59
			Time Delay Neutral	EA	1	0%	1	0.800	\$ 46.36	\$ 37.09	\$ 66.00	\$ 103.09	\$ 103.09
			Time Delay On Transfer	EA	1	0%	1	1.250	\$ 46.36	\$ 57.95	\$ 104.13	\$ 162.08	\$ 162.08
			Voltage And Frequency Relay Emergency	EA	1	0%	1	1.100	\$ 46.36	\$ 51.00	\$ 90.99	\$ 141.99	\$ 141.99
111			12" x 12" x 60" Wire Gutter For Future	EA	1	0%	1	2.885	\$ 46.36	\$133.75	\$ 722.61	\$ 856.36	\$ 856.36
112			1600A, 277/480V Aluminum Busway (135LF)	EA	1	0%	1	6.885	\$ 46.36	\$319.19	\$ 5,865.30	\$ 6,184.49	\$ 6,184.49
113			350A Generator Connection Cabinet Box, NEMA 3R	EA	1	0%	1	3.750	\$ 46.36	\$173.85	\$ 3,652.00	\$ 3,825.85	\$ 3,825.85
114			3P/350A, 120/208V, 3PH Manual Transfer Switch, ASCO #J-03MSTS	EA	1	0%	1	6.350	\$ 46.36	\$294.39	\$ 6,428.80	\$ 6,723.19	\$ 6,723.19
115			3P/600A, 120/208V, 3PH Manual Transfer Switch, ASCO #J-03MSTS	EA	1	0%	1	6.580	\$ 46.36	\$305.05	\$ 7,908.00	\$ 8,213.05	\$ 8,213.05
116			400A, 277/480V Utility Meter By Tennant Under Separate Permit For	EA	2	0%	2	2.620	\$ 46.36	\$121.46	\$ 845.03	\$ 966.49	\$ 1,932.99
117			600A Generator Connection Cabinet Box, NEMA 3R	EA	1	0%	1	5.950	\$ 46.36	\$275.84	\$ 6,738.00	\$ 7,013.84	\$ 7,013.84
118			ATS Controller, FIRETROL #FTA1930/950	EA	1	0%	1	6.250	\$ 46.36	\$289.75	\$ 3,212.89	\$ 3,502.64	\$ 3,502.64
119			Automatic Transfer Switch Annunciator Remote Control Panel	EA	1	0%	1	6.580	\$ 46.36	\$305.05	\$ 7,908.00	\$ 8,213.05	\$ 8,213.05
120			Elevator Status Panel	EA	1	0%	1	1.688	\$ 46.36	\$ 78.26	\$ 179.00	\$ 257.26	\$ 257.26
121			FPL Pad Mounted Transformer	EA	1	0%	1	18.500	\$ 46.36	\$857.66	\$ 11,500.00	\$ 12,357.66	\$ 12,357.66
122			Generator Remote Annunciator Panel	EA	1	0%	1	2.950	\$ 46.36	\$136.76	\$ 731.32	\$ 868.08	\$ 868.08
123			T3: 45KVA, 480V - 120/208V Transformer	EA	3	0%	3	12.500	\$ 46.36	\$579.50	\$ 8,550.00	\$ 9,129.50	\$ 27,388.50
124			T4: 75KVA, 480V - 120/208V Transformer	EA	1	0%	1	16.000	\$ 46.36	\$741.76	\$ 11,000.00	\$ 11,741.76	\$ 11,741.76
125			TVSS, THOR SYSTEM #TSR1250-F-S3Y2-P-2	EA	2	0%	2	1.620	\$ 46.36	\$ 75.10	\$ 145.00	\$ 220.10	\$ 440.21
126			400KW/500KVA, 1800 RPM Natural Gas Powered Generator, GENE	EA	1	0%	1	78.000	\$ 46.36	#####	\$166,000.00	\$169,616.08	#####
			1/2" x 4" Stainless Steel Concrete Wedge Anchor	EA	4	0%	4	0.100	\$ 46.36	\$ 4.64	\$ 2.85	\$ 7.49	\$ 29.94
			3P/200A Breaker, Unit Mounted	EA	1	0%	1	1.720	\$ 48.19	\$ 82.89	\$ 650.00	\$ 732.89	\$ 732.89
			3P/350A Breaker, Unit Mounted	EA	1	0%	1	2.330	\$ 48.19	\$112.28	\$ 1,630.00	\$ 1,742.28	\$ 1,742.28
			3P/600A Breaker, Unit Mounted	EA	1	0%	1	3.110	\$ 48.19	\$149.87	\$ 3,700.00	\$ 3,849.87	\$ 3,849.87
			6" Concrete Base	EA	1	0%	1	4.500	\$ 46.36	\$208.62	\$ 450.00	\$ 658.62	\$ 658.62
			10A Dual Rate Battery Charger With Alarm Contacts, NFPA 110	EA	1	0%	1	2.620	\$ 46.36	\$121.46	\$ 642.77	\$ 764.23	\$ 764.23
			12V Heavy Duty Diesel Starting Batteries	EA	2	0%	2	2.400	\$ 46.36	\$111.26	\$ 899.00	\$ 1,010.26	\$ 2,020.53
			21 Light Remote Annunciator	EA	1	0%	1	2.800	\$ 46.36	\$129.81	\$ 641.52	\$ 771.33	\$ 771.33
			50 Degree C. Ambient Radiator, Unit Mounted	EA	1	0%	1	2.100	\$ 46.36	\$ 97.36	\$ 308.00	\$ 405.36	\$ 405.36
			208V Block Heater	EA	1	0%	1	4.200	\$ 46.36	\$194.71	\$ 1,582.02	\$ 1,776.73	\$ 1,776.73

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST			
			Alarm Horn	EA	1	0%	1	0.550	\$ 46.36	\$ 25.50	\$ 39.90	\$ 65.40	\$ 65.40			
			Battery Charger Voltmeter	EA	1	0%	1	0.650	\$ 46.36	\$ 30.13	\$ 52.00	\$ 82.13	\$ 82.13			
			Battery Rack	EA	1	0%	1	1.360	\$ 46.36	\$ 63.05	\$ 200.00	\$ 263.05	\$ 263.05			
			Cool Down Timer	EA	1	0%	1	1.800	\$ 46.36	\$ 83.45	\$ 236.90	\$ 320.35	\$ 320.35			
			Critical Grade Muffler Hurricane Rated	EA	1	0%	1	2.300	\$ 46.36	\$106.63	\$ 595.35	\$ 701.98	\$ 701.98			
			Digital H Control Panel	EA	1	0%	1	4.250	\$ 46.36	\$197.03	\$ 1,998.15	\$ 2,195.18	\$ 2,195.18			
			Electronic Isochronous Governor	EA	1	0%	1	3.220	\$ 46.36	\$149.28	\$ 928.61	\$ 1,077.89	\$ 1,077.89			
			Engine Pre-Alarm	EA	1	0%	1	2.850	\$ 46.36	\$132.13	\$ 665.52	\$ 797.65	\$ 797.65			
			Generator Skid	EA	1	0%	1	4.500	\$ 46.36	\$208.62	\$ 450.00	\$ 658.62	\$ 658.62			
			Individual Fault Lamp	EA	1	0%	1	3.200	\$ 46.36	\$148.35	\$ 849.00	\$ 997.35	\$ 997.35			
			Level 1 Remote Annunciator, 16 Light, NFPA 110	EA	1	0%	1	4.150	\$ 46.36	\$192.39	\$ 1,950.40	\$ 2,142.79	\$ 2,142.79			
			Level 2 Sound Hurricane Enclosure	EA	1	0%	1	3.880	\$ 46.36	\$179.88	\$ 2,599.00	\$ 2,778.88	\$ 2,778.88			
			Low Coolant Level Shutdown	EA	1	0%	1	1.330	\$ 46.36	\$ 61.66	\$ 114.38	\$ 176.04	\$ 176.04			
			Oil Drain Extension With Valve	EA	1	0%	1	0.680	\$ 46.36	\$ 31.52	\$ 49.95	\$ 81.47	\$ 81.47			
			Oil Pressure Gauge	EA	1	0%	1	2.620	\$ 46.36	\$121.46	\$ 245.00	\$ 366.46	\$ 366.46			
			Over Voltage Protection	EA	1	0%	1	0.920	\$ 46.36	\$ 42.65	\$ 86.00	\$ 128.65	\$ 128.65			
			Remote Stop Break glass	EA	1	0%	1	2.150	\$ 46.36	\$ 99.67	\$ 548.00	\$ 647.67	\$ 647.67			
			Running Time Meter	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 42.00	\$ 60.54	\$ 60.54			
			Safeguarded Breaker	EA	1	0%	1	1.540	\$ 46.36	\$ 71.39	\$ 179.00	\$ 250.39	\$ 250.39			
			Vibration Isolators & Steel Base	EA	1	0%	1	3.250	\$ 46.36	\$150.67	\$ 579.00	\$ 729.67	\$ 729.67			
			VM/AM Selector Switch	EA	1	0%	1	0.650	\$ 46.36	\$ 30.13	\$ 50.73	\$ 80.86	\$ 80.86			
			<b>DISCONNECT SWITCH</b>													
			1P/20A Non Fused Disconnect Switch	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 39.95	\$ 53.86	\$ 215.43			
			1P/30A Non Fused Disconnect Switch	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 48.85	\$ 65.08	\$ 65.08			
			2P/20A Non Fused Disconnect Switch	EA	3	0%	3	0.400	\$ 46.36	\$ 18.54	\$ 52.00	\$ 70.54	\$ 211.63			
			3P/20A Non Fused Disconnect Switch	EA	2	0%	2	0.520	\$ 46.36	\$ 24.11	\$ 168.78	\$ 192.89	\$ 385.77			
			3P/60A Non Fused Disconnect Switch	EA	6	0%	6	0.650	\$ 46.36	\$ 30.13	\$ 182.32	\$ 212.45	\$ 1,274.72			
			<b>GROUNDING</b>													
			3/4" x 10' CU Clad Ground Rod	EA	4	0%	4	0.500	\$ 46.36	\$ 23.18	\$ 52.50	\$ 75.68	\$ 302.72			
			Main Ground Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13			
			#4 CU Grounding Conductor	LF	30	10%	33	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 79.59			
			#10 CU Grounding Conductor	LF	40	10%	44	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 213.96			
			<b>POWER</b>													
			<b>CONDUIT</b>													
			1/2" EMT Conduit	LF	8156	10%	8972	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$32,288.35			
			3/4" EMT Conduit	LF	2348	10%	2583	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$12,797.05			
			1" EMT Conduit	LF	2171	10%	2388	0.070	\$ 46.36	\$ 3.25	\$ 3.55	\$ 6.80	\$16,224.55			
			3" EMT Conduit With Pull String	LF	1040	10%	1144	0.160	\$ 46.36	\$ 7.42	\$ 14.43	\$ 21.85	\$24,993.17			
			<b>CONDUCTOR</b>													
			#12 CU THHN/THWN	LF	16927	10%	18620	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$10,325.17			
			#10 CU THHN/THWN	LF	14046	10%	15450	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$13,146.23			
			#8 CU THHN/THWN	LF	6305	10%	6935	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 7,931.09			
			#6 CU THHN/THWN	LF	4221	10%	4643	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 7,504.10			
			<b>DEVICE</b>													
			20A Exhaust Fan Connection, Rating Assume	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 22.50	\$ 68.86	\$ 137.72			
			Duplex Receptacle	EA	10	0%	10	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 444.08			
			Duplex Receptacle, GFI	EA	15	0%	15	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 696.12			
			Duplex Receptacle, GFI WP	EA	3	0%	3	0.320	\$ 46.36	\$ 14.84	\$ 35.50	\$ 50.34	\$ 151.01			
			Manual Transfer Switch	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 450.50	\$ 520.04	\$ 520.04			
			Motor Rated Switch	EA	7	0%	7	0.400	\$ 46.36	\$ 18.54	\$ 48.66	\$ 67.20	\$ 470.43			
			<b>LIGHTING</b>													
			<b>CONDUIT</b>													
			1/2" EMT Conduit	LF	3231	10%	3554	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$12,792.19			
			3/4" EMT Conduit	LF	9210	10%	10131	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$50,191.40			
			<b>CONDUCTOR</b>													
			#12 CU THHN/THWN	LF	3032	10%	3335	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,849.39			
			#10 CU THHN/THWN	LF	6662	10%	7328	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 6,235.46			
			#8 CU THHN/THWN	LF	27630	10%	30393	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$34,756.87			
			<b>LIGHTING FIXTURES</b>													
			1x4' LED Lighting Fixture	EA	6	0%	6	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 1,081.62			
			7" Down Light Fixture	EA	52	0%	52	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$1,805.98			
			8" LED Light Fixture	EA	6	0%	6	0.800	\$ 46.36	\$ 37.09	\$ 225.00	\$ 262.09	\$ 1,572.53			
			8"x8" LED Light Fixture	EA	6	0%	6	0.800	\$ 46.36	\$ 37.09	\$ 167.40	\$ 204.49	\$ 1,226.93			
			Emergency Light With Battery Backup	EA	9	0%	9	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 2,321.57			
			Exit Sign With Battery Backup, Ceiling Mounted	EA	11	0%	11	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 1,770.47			
			Exit Sign With Battery Backup, Wall Mounted	EA	4	0%	4	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 556.97			
			L6: 1x4' LED Lighting Fixture	EA	35	0%	35	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 6,309.45			
			Wall Sconce Light Fixture	EA	8	0%	8	0.560	\$ 46.36	\$ 25.96	\$ 230.50	\$ 256.46	\$ 2,051.69			
			L1: Parking Garage Luminaire, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	40	0%	40	0.800	\$ 46.36	\$ 37.09	\$ 605.50	\$ 642.59	\$25,703.52			
			L1-EM: Parking Garage Luminaire With Emergency Battery Backup, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	16	0%	16	1.250	\$ 46.36	\$ 57.95	\$ 776.00	\$ 833.95	\$13,343.20			
			L2: Parking Garage Entry Luminaire, CREE CAN-EDG-40-DN-06-E-UL-WH-525-PML-40K, Serie: The Edge Watts: 101W	EA	6	0%	6	0.800	\$ 46.36	\$ 37.09	\$ 1,037.00	\$ 1,074.09	\$ 6,444.53			
			L2-EM: Parking Garage Entry Luminaire With Emergency Battery Backup, CREE CAN-EDG-40-DN-06-E-UL-WH-525-PML-40K, Serie: The Edge Watts: 101W	EA	1	0%	1	1.250	\$ 46.36	\$ 57.95	\$ 1,150.00	\$ 1,207.95	\$ 1,207.95			
			L5: 30' Length RGB LED tape, PRIZM PZM-TLH-54-24V-RGB-CC + ALUMINIUM CHANNEL + CLIPS, Serie: Tape Light Watts: 4.4W/FT	EA	18	0%	18	1.000	\$ 46.36	\$ 46.36	\$ 100.00	\$ 146.36	\$ 2,634.48			
			<b>LIGHTING CONTROL</b>													
			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	1.250	\$ 46.36	\$ 57.95	\$ 292.30	\$ 350.25	\$ 700.50			
			Three Way Switch	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 42.00	\$ 60.54	\$ 60.54			
			Single Pole Switch	EA	20	0%	20	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 741.80			
			<b>MISCELLANEOUS</b>													
			Junction Box	EA	34	0%	34	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,594.74			
			Junction Box, Wall Mounted	EA	5	0%	5	0.600	\$ 46.36	\$ 27.82	\$ 56.50	\$ 84.32	\$ 421.58			
			<b>SUBTOTAL \$ 887,460</b>													
			<b>ELECTRONUC SAFETY AND SECURITY</b>													
			<b>FIRE ALARM</b>													
			<b>CONDUIT</b>													
			3/4" EMT Conduit	LF	1889	10%	2078	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$10,294.80			
			<b>CONDUCTOR</b>													
			#16 CU THHN/THWN	LF	2478	10%	2726	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 986.22			

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
176	E301		#14 CU THHN/THWN	LF	1300	10%	1430	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 627.94
			<b>DEVICES</b>										
177			Fire Alarm Addressable Heat Detector	EA	9	0%	9	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 958.22
178			Fire Alarm Addressable Smoke Detector	EA	5	0%	5	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 532.34
179			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	4	0%	4	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 430.70
180			Fire Alarm Firefighters Telephone Jack	EA	1	0%	1	0.625	\$ 46.36	\$ 28.98	\$ 120.80	\$ 149.78	\$ 149.78
181			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
182			Fire Alarm Remote Annunciator	EA	1	0%	1	0.569	\$ 46.36	\$ 26.38	\$ 125.00	\$ 151.38	\$ 151.38
183			Fire Alarm Speaker/Strobe	EA	16	0%	16	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,692.78
184			Fire Alarm Speaker/Strobe, WP	EA	8	0%	8	0.385	\$ 46.36	\$ 17.85	\$ 125.98	\$ 143.83	\$ 1,150.63
185			Fire Alarm Strobe	EA	8	0%	8	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 842.52
186			Fire Alarm Strobe, WP	EA	3	0%	3	0.419	\$ 46.36	\$ 19.42	\$ 150.64	\$ 170.06	\$ 510.19
187			Fire Pump Annunciator Panel Remote	EA	1	0%	1	0.527	\$ 46.36	\$ 24.43	\$ 700.00	\$ 724.43	\$ 724.43
<b>SUBTOTAL</b>												<b>\$ 19,177</b>	

<b>PROJECTED COST</b>												<b>\$906,636</b>	
<b>OVERHEAD AND PROFIT</b>												<b>15%</b>	<b>\$135,995</b>
<b>INSURANCE</b>												<b>3%</b>	<b>\$27,199</b>
<b>CONTINGENCY</b>												<b>5%</b>	<b>\$45,332</b>
<b>TAX</b>												<b>7%</b>	<b>\$49,388</b>
<b>SUGGESTED BID</b>												<b>\$1,164,551</b>	



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID:  
 Scope: Electrical



Date: 14-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>CONDUIT</b>										
1			3" Flexible Conduit	LF	15	10%	17	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 276
2			2-1/2" EMT Conduit	LF	40	10%	44	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 772
			<b>CONDUCTOR</b>										
3			#1 AL THHN/THWN	LF	40	10%	44	0.017	\$ 46.36	\$ 0.79	\$ 1.21	\$ 2.00	\$ 88
4			#3/0 CU THHN/THWN	LF	15	10%	17	0.024	\$ 46.36	\$ 1.11	\$ 1.96	\$ 3.07	\$ 52
5			#250 KCMIL AL THHN/THWN	LF	160	10%	176	0.027	\$ 46.36	\$ 1.25	\$ 1.88	\$ 3.13	\$ 551
6			#250 MCM CU THHN/THWN	LF	61	10%	67	0.027	\$ 46.36	\$ 1.25	\$ 6.85	\$ 8.10	\$ 546
			<b>LUGS</b>										
7			Compression Lug AL With 1-Hole, #1 AL Wire	EA	4	0%	4	0.145	\$ 46.36	\$ 6.72	\$ 17.25	\$ 23.97	\$ 96
8			Heat Shrink Tubing for #1 AL Wire	EA	4	0%	4	0.080	\$ 46.36	\$ 3.71	\$ 4.12	\$ 7.83	\$ 31
9			Compression Lug CU With 1-Hole, #3/0 CU Wire	EA	4	0%	4	0.168	\$ 46.36	\$ 7.79	\$ 24.66	\$ 32.45	\$ 130
10			Heat Shrink Tubing for #3/0 CU Wire	EA	4	0%	4	0.100	\$ 46.36	\$ 4.64	\$ 4.85	\$ 9.49	\$ 38
11			Compression Lug AL With 1-Hole, #250 KCMIL AL Wire	EA	16	0%	16	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 691
12			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	16	0%	16	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 284
13			Compression Lug CU With 1-Hole, #250 MCM CU Wire	EA	16	0%	16	0.300	\$ 46.36	\$ 13.91	\$ 36.70	\$ 50.61	\$ 810
14			Heat Shrink Tubing for #250 MCM CU Wire	EA	16	0%	16	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 284
			<b>CIRCUIT BREAKER</b>										
15			1P/20A Breaker	EA	12	0%	12	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 700
16			2P/60A Breaker	EA	12	0%	12	0.550	\$ 46.36	\$ 25.50	\$ 78.00	\$ 103.50	\$ 1,242
17			3P/400A Breaker	EA	1	0%	1	2.330	\$ 46.36	\$ 108.02	\$ 1,630.00	\$ 1,738.02	\$ 1,738
18			3P/500A MCB	EA	1	0%	1	2.600	\$ 46.36	\$ 120.54	\$ 2,735.00	\$ 2,855.54	\$ 2,856
			<b>PANEL</b>										
19			Panel VA: 600A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	4.500	\$ 46.36	\$ 208.62	\$ 4,150.00	\$ 4,358.62	\$ 4,359
			<b>DEVICES</b>										
20			T6: 150KVA, 480V - 120/208V Transformer	EA	1	0%	1	25.500	\$ 46.36	\$ 1,182.18	\$ 16,500.00	\$ 17,682.18	\$ 17,682
21			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 270
			<b>DISCONNECT SWITCH</b>										
22			1P/20A Non Fused Disconnect Switch	EA	2	0%	2	0.930	\$ 46.36	\$ 43.11	\$ 112.36	\$ 155.47	\$ 311
23			2P/20A Non Fused Disconnect Switch	EA	4	0%	4	1.200	\$ 46.36	\$ 55.63	\$ 162.00	\$ 217.63	\$ 871
24			2P/60A Non Fused Disconnect Switch	EA	6	0%	6	1.420	\$ 46.36	\$ 65.83	\$ 215.64	\$ 281.47	\$ 1,689
25			3P/50A Non Fused Disconnect Switch	EA	2	0%	2	1.890	\$ 46.36	\$ 87.62	\$ 298.50	\$ 386.12	\$ 772
26			3P/55A Non Fused Disconnect Switch	EA	1	0%	1	2.080	\$ 46.36	\$ 96.43	\$ 318.63	\$ 415.06	\$ 415
			<b>POWER</b>										
			<b>CONDUIT</b>										
27			1" EMT Conduit	LF	1384	10%	1522	0.070	\$ 46.36	\$ 3.25	\$ 3.62	\$ 6.87	\$ 10,448
28			1/2" EMT Conduit	LF	2517	10%	2768	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 9,963
29			1/2" PVC SCH 40 Conduit	LF	8	10%	9	0.030	\$ 46.36	\$ 1.39	\$ 1.41	\$ 2.80	\$ 25
			<b>CONDUCTOR</b>										
30			#12 CU THHN/THWN	LF	6313	10%	6945	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 3,851
31			#10 CU THHN/THWN	LF	2870	10%	3156	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 2,686
32			#8 CU THHN/THWN	LF	372	10%	409	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 468
33			#6 CU THHN/THWN	LF	3872	10%	4259	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 6,884
			<b>DEVICE</b>										
34			Duplex Receptacle	EA	11	0%	11	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 488
35			Duplex Receptacle, GFI	EA	6	0%	6	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 278
36			Quad Receptacle	EA	2	0%	2	0.350	\$ 46.36	\$ 16.23	\$ 42.56	\$ 58.79	\$ 118
37			Quad Receptacle, Floor Mounted	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 42.56	\$ 58.79	\$ 59
			<b>LIGHTING</b>										
			<b>CONDUIT</b>										
38			1/2" EMT Conduit	LF	3668	10%	4035	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 14,522
39			3/4" EMT Conduit	LF	2631	10%	2894	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 14,340
			<b>CONDUCTOR</b>										
40			#12 CU THHN/THWN	LF	3684	10%	4052	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 2,247
41			#10 CU THHN/THWN	LF	7321	10%	8053	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 6,852
42			#8 CU THHN/THWN	LF	7894	10%	8683	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 9,930
			<b>LIGHTING FIXTURES</b>										
43			1x4' LED Lighting Fixture	EA	8	0%	8	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 1,442
44			7" Down Light Fixture	EA	50	0%	50	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 11,352
45			11" Down Light Fixture	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 232.14	\$ 278.50	\$ 279
46			Emergency Light With Battery Backup	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 1,806
47			Exit Sign With Battery Backup, Ceiling Mounted	EA	4	0%	4	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 644
48			Exit Sign With Battery Backup, Wall Mounted	EA	8	0%	8	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,114
49			L6: 1x4' LED Lighting Fixture (Detail Not Given)	EA	32	0%	32	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 5,769
50			(14EA) LED Strip Light (Details Not Given)	LF	229	0%	229	0.170	\$ 46.36	\$ 7.88	\$ 26.55	\$ 34.43	\$ 7,890
51			L1: Parking Garage Luminaire, CREE IG-B-NM-SS-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	38	0%	38	0.800	\$ 46.36	\$ 37.09	\$ 605.50	\$ 642.59	\$ 24,418
52			L1-EM: Parking Garage Luminaire With Emergency Battery Backup, CREE IG-B-NM-SS-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	16	0%	16	1.250	\$ 46.36	\$ 57.95	\$ 776.00	\$ 833.95	\$ 13,343
53			L5: 30' Length RGB LED tape, PRIZM P2M-TLH-54-24V-RGB-CC + ALUMINIUM CHANNEL + CLIPS, Serie: Tape Light Watts: 4.4W/FT	EA	13	0%	13	1.000	\$ 46.36	\$ 46.36	\$ 100.00	\$ 146.36	\$ 1,903
			<b>LIGHTING CONTROL</b>										
54			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286
55			Single Pole Switch	EA	17	0%	17	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 631
			<b>MISCELLANEOUS</b>										
56			Junction Box	EA	30	0%	30	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,289
			<b>SAW CUT</b>										
57			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	8	0%	8	0.065	\$ 46.36	\$ 3.01	\$ -	\$ 3.01	\$ 24
												SUBTOTAL	\$ 193,900
<b>COMMUNICATION</b>													
			<b>TELECOMMUNICATION</b>										
			<b>CONDUIT</b>										
58			3/4" EMT Conduit Up to Ceiling	LF	15	10%	17	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 82
59			3/4" PVC SCH 40 Conduit	LF	8	10%	9	0.035	\$ 46.36	\$ 1.62	\$ 1.57	\$ 3.19	\$ 28
			<b>CONDUCTOR</b>										
60			CAT6 Cable	LF	97	10%	107	0.025	\$ 46.36	\$ 1.16	\$ 0.54	\$ 1.70	\$ 181
			<b>J-HOOKS</b>										
61			2" J-Hooks	EA	16	0%	16	0.080	\$ 46.36	\$ 3.71	\$ 1.52	\$ 5.23	\$ 84
			<b>DEVICES</b>										
62			Data Outlet, Floor Mounted	EA	1	0%	1	0.320	\$ 46.36	\$ 14.84	\$ 19.50	\$ 34.34	\$ 34
			RJ45 Connector	EA	1	0%	1	0.150	\$ 46.36	\$ 6.95	\$ 4.10	\$ 11.05	\$ 11
			Backbox	EA	1	0%	1	0.250	\$ 46.36	\$ 11.59	\$ 14.26	\$ 25.85	\$ 26

E102

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID:  
 Scope: Electrical



Date: 14-May-25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			Faceplate	EA	1	0%	1	0.200	\$ 46.36	\$ 9.27	\$ 8.99	\$ 18.26	\$ 18
			<b>LOW VOLTAGE</b>										
			<b>CONDUIT</b>										
63			1/2" EMT Conduit	LF	249	10%	274	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 986
			<b>CONDUCTOR</b>										
64			#18 CU THHN/THWN	LF	497	10%	547	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 192
			<b>DEVICES</b>										
65			Door Holder	EA	4	0%	4	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 515
			<b>MISCELLANEOUS</b>										
66			Junction Box	EA	4	0%	4	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 305
												<b>SUBTOTAL \$ 2,462</b>	

**ELECTRONUC SAFETY AND SECURITY**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			<b>FIRE ALARM</b>										
			<b>CONDUIT</b>										
67			3/4" EMT Conduit	LF	1974	10%	2171	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 10,757
			<b>CONDUCTOR</b>										
68			#16 CU THHN/THWN	LF	2206	10%	2427	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 878
69			#14 CU THHN/THWN	LF	1741	10%	1915	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 841
			<b>DEVICES</b>										
70			Fire Alarm Addressable Smoke Detector	EA	6	0%	6	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 639
71			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	3	0%	3	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 323
72			Fire Alarm Door Holder	EA	4	0%	4	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 515
73			Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,365
74			Fire Alarm Manual Pull Station	EA	4	0%	4	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 249
75			Fire Alarm Speaker/Strobe	EA	11	0%	11	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,164
76			Fire Alarm Speaker/Strobe, WP	EA	8	0%	8	0.385	\$ 46.36	\$ 17.85	\$ 125.98	\$ 143.83	\$ 1,151
77			Fire Alarm Strobe	EA	6	0%	6	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 632
78			Fire Alarm Strobe, WP	EA	6	0%	6	0.419	\$ 46.36	\$ 19.42	\$ 150.64	\$ 170.06	\$ 1,020
												<b>SUBTOTAL \$ 26,533</b>	

											<b>PROJECTED COST</b>	\$222,896	
<b>OVERHEAD AND PROFIT</b>											15%	\$33,434	
<b>INSURANCE</b>											3%	\$6,687	
<b>CONTINGENCY</b>											5%	\$11,145	
<b>TAX</b>											7%	\$10,917	
												<b>SUGGESTED BID</b>	\$285,079



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>DISCONNECT SWITCH</b>										
1		Rating Assumed From Panel	2P/60A Non Fused Disconnect Switch	EA	6	0%	6	1.420	\$ 46.36	\$65.83	\$ 215.64	\$ 281.47	\$ 1,688.83
<b>POWER</b>													
<b>CONDUIT</b>													
2			1/2" EMT Conduit	LF	1027	10%	1130	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 4,067.52
3			1" EMT Conduit	LF	1354	10%	1490	0.070	\$ 46.36	\$ 3.25	\$ 3.62	\$ 6.87	\$10,227.37
<b>CONDUCTOR</b>													
4			#12 CU THHN/THWN	LF	776	10%	854	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 473.45
5			#10 CU THHN/THWN	LF	3661	10%	4027	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 3,426.11
6			#6 CU THHN/THWN	LF	4063	10%	4469	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 7,223.69
<b>DEVICE</b>													
7			Duplex Receptacle	EA	5	0%	5	0.300	\$ 46.36	\$13.91	\$ 30.50	\$ 44.41	\$ 222.04
8			Duplex Receptacle, GFI	EA	3	0%	3	0.300	\$ 46.36	\$13.91	\$ 32.50	\$ 46.41	\$ 139.22
<b>LIGHTING</b>													
<b>CONDUIT</b>													
9			1/2" EMT Conduit	LF	1000	10%	1100	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 3,960.24
10			3/4" EMT Conduit	LF	3230	10%	3553	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$17,600.63
<b>CONDUCTOR</b>													
11			#12 CU THHN/THWN	LF	2028	10%	2231	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,236.90
12			#10 CU THHN/THWN	LF	973	10%	1071	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 910.97
13			#8 CU THHN/THWN	LF	9689	10%	10658	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$12,188.20
<b>LIGHTING FIXTURES</b>													
14			11" Down Light Fixture	EA	1	0%	1	1.000	\$ 46.36	\$46.36	\$ 232.14	\$ 278.50	\$ 278.50
15			Emergency Light With Battery Backup	EA	2	0%	2	0.700	\$ 46.36	\$32.45	\$ 225.50	\$ 257.95	\$ 515.90
16			Exit Sign With Battery Backup, Ceiling Mounted	EA	3	0%	3	0.700	\$ 46.36	\$32.45	\$ 128.50	\$ 160.95	\$ 482.86
17			Exit Sign With Battery Backup, Wall Mounted	EA	2	0%	2	0.620	\$ 46.36	\$28.74	\$ 110.50	\$ 139.24	\$ 278.49
18			L6: 1x4' LED Lighting Fixture	EA	8	0%	8	0.750	\$ 46.36	\$34.77	\$ 145.50	\$ 180.27	\$ 1,442.16
19			L1: Parking Garage Luminaire, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	38	0%	38	0.800	\$ 46.36	\$37.09	\$ 605.50	\$ 642.59	\$24,418.34
20			L1-EM: Parking Garage Luminaire With Emergency Battery Backup, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	16	0%	16	1.250	\$ 46.36	\$57.95	\$ 776.00	\$ 833.95	\$13,343.20
21			L5: 30' Length RGB LED tape, PRIZM PZM-TLH-54-24V-RGB-CC+	EA	16	0%	16	1.000	\$ 46.36	\$46.36	\$ 100.00	\$ 146.36	\$ 2,341.76
<b>LIGHTING CONTROL</b>													
22			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$23.18	\$ 120.00	\$ 143.18	\$ 286.36
22			Single Pole Switch	EA	5	0%	5	0.250	\$ 46.36	\$11.59	\$ 25.50	\$ 37.09	\$ 185.43
<b>MISCELLANEOUS</b>													
23			Junction Box	EA	3	0%	3	0.600	\$ 46.36	\$27.82	\$ 48.50	\$ 76.32	\$ 228.95
												<b>SUBTOTAL</b>	\$ 107,167
<b>COMMUNICATION</b>													
<b>LOW VOLTAGE</b>													
<b>CONDUIT</b>													
24			1/2" EMT Conduit	LF	130	10%	143	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 514.65
<b>CONDUCTOR</b>													
25			#18 CU THHN/THWN	LF	259	10%	285	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 100.23
<b>DEVICES</b>													
26			Door Holder	EA	2	0%	2	0.423	\$ 46.36	\$19.61	\$ 109.07	\$ 128.68	\$ 257.36
<b>MISCELLANEOUS</b>													
27			Junction Box	EA	2	0%	2	0.520	\$ 46.36	\$24.11	\$ 54.50	\$ 78.61	\$ 157.21
												<b>SUBTOTAL</b>	\$ 1,029
<b>ELECTRONIC SAFETY AND SECURITY</b>													
<b>FIRE ALARM</b>													
<b>CONDUIT</b>													
28			3/4" EMT Conduit	LF	1415	10%	1556	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 7,711.34
<b>CONDUCTOR</b>													
29			#16 CU THHN/THWN	LF	1733	10%	1907	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 689.82
30			#14 CU THHN/THWN	LF	1097	10%	1206	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 529.72
<b>DEVICES</b>													
31			Fire Alarm Addressable Smoke Detector	EA	5	0%	5	0.396	\$ 46.36	\$18.36	\$ 88.11	\$ 106.47	\$ 532.34
32			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	2	0%	2	0.422	\$ 46.36	\$19.56	\$ 88.11	\$ 107.67	\$ 215.35
33			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$19.84	\$ 42.49	\$ 62.33	\$ 124.66
34			Fire Alarm Speaker/Strobe	EA	1	0%	1	0.385	\$ 46.36	\$17.85	\$ 87.95	\$ 105.80	\$ 105.80
35			Fire Alarm Speaker/Strobe, WP	EA	7	0%	7	0.385	\$ 46.36	\$17.85	\$ 125.98	\$ 143.83	\$ 1,006.80
36			Fire Alarm Strobe, WP	EA	7	0%	7	0.419	\$ 46.36	\$19.42	\$ 150.64	\$ 170.06	\$ 1,190.43
												<b>SUBTOTAL</b>	\$ 12,106
											<b>PROJECTED COST</b>	\$120,303	
<b>OVERHEAD AND PROFIT</b>											15%	\$18,045	
<b>INSURANCE</b>											3%	\$3,609	
<b>CONTINGENCY</b>											5%	\$6,015	
<b>TAX</b>											7%	\$8,571	
												<b>SUGGESTED BID</b>	\$153,544

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 31052024  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>CIRCUIT BREAKER</b>										
1			1P/20A Breaker	EA	12	0%	12	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 700
2			2P/60A Breaker	EA	12	0%	12	0.550	\$ 46.36	\$ 25.50	\$ 78.00	\$ 103.50	\$ 1,242
			<b>PANEL</b>										
3			Panel VB: 400A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface M	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 6,500.00	\$ 6,768.89	\$ 6,768.89
			<b>DISCONNECT SWITCH</b>										
4			1P/20A Non Fused Disconnect Switch	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 68.00	\$ 91.18	\$ 182.36
5			1P/30A Non Fused Disconnect Switch	EA	1	0%	1	0.500	\$ 46.36	\$ 23.18	\$ 97.50	\$ 120.68	\$ 120.68
6			2P/20A Non Fused Disconnect Switch	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 145.00	\$ 191.36	\$ 382.72
7			2P/60A Non Fused Disconnect Switch	EA	6	0%	6	1.420	\$ 46.36	\$ 65.83	\$ 215.64	\$ 281.47	\$ 1,689
8			3P/60A Non Fused Disconnect Switch	EA	1	0%	1	0.650	\$ 46.36	\$ 30.13	\$ 182.00	\$ 212.13	\$ 212.13
			<b>POWER</b>										
			<b>CONDUIT</b>										
9			1/2" EMT Conduit	LF	1553	10%	1708	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 6,148
9			1" EMT Conduit	LF	2285	10%	2513	0.070	\$ 46.36	\$ 3.25	\$ 3.62	\$ 6.87	\$ 17,255
10			1/2" RGS Conduit	LF	5	10%	6	0.047	\$ 46.36	\$ 2.18	\$ 3.50	\$ 5.68	\$ 31.80
11			1/2" PVC SCH 40 Conduit	LF	8	10%	9	0.030	\$ 46.36	\$ 1.39	\$ 1.41	\$ 2.80	\$ 25
			<b>CONDUCTOR</b>										
12			#12 CU THHN/THWN	LF	1491	10%	1640	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 910
13			#10 CU THHN/THWN	LF	5181	10%	5699	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 4,849
14			#8 CU THHN/THWN	LF	2151	10%	2366	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 2,706
15			#6 CU THHN/THWN	LF	4704	10%	5174	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 8,363
			<b>DEVICE</b>										
16			Duplex Receptacle	EA	11	0%	11	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 488
17			Duplex Receptacle, GFI	EA	6	0%	6	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 278
18			Quad Receptacle	EA	2	0%	2	0.350	\$ 46.36	\$ 16.23	\$ 42.56	\$ 58.79	\$ 118
19			Quad Receptacle, Floor Mounted	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 42.56	\$ 58.79	\$ 59
			<b>LIGHTING</b>										
			<b>CONDUIT</b>										
20			1/2" EMT Conduit	LF	2186	10%	2405	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 8,654
21			1" EMT Conduit	LF	5619	10%	6181	0.070	\$ 46.36	\$ 3.25	\$ 3.62	\$ 6.87	\$ 42,434
			<b>CONDUCTOR</b>										
22			#12 CU THHN/THWN	LF	5159	10%	5675	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 3,147
23			#10 CU THHN/THWN	LF	1400	10%	1539	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 1,310
24			#8 CU THHN/THWN	LF	16857	10%	18543	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 21,206
			<b>LIGHTING FIXTURES</b>										
25			1x4' LED Lighting Fixture	EA	64	0%	64	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 11,537
26			7" Down Light Fixture	EA	44	0%	44	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 9,990
27			11" Down Light Fixture	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 232.14	\$ 278.50	\$ 279
28			Emergency Light With Battery Backup	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 1,806
29			Exit Sign With Battery Backup, Ceiling Mounted	EA	4	0%	4	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 644
30			Exit Sign With Battery Backup, Wall Mounted	EA	10	0%	10	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,392
31			L1: Parking Garage Luminaire, CREE IG-B-NM-SS-4L-40K8-UL-WH	EA	55	0%	55	1.250	\$ 46.36	\$ 57.95	\$ 776.00	\$ 833.95	\$ 45,867
			<b>LIGHTING CONTROL</b>										
32			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36
33			Single Pole Switch	EA	17	0%	17	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 630.53
			<b>MISCELLANEOUS</b>										
34			Junction Box	EA	31	0%	31	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,365.80
			<b>SAW CUT</b>										
35			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	8	0%	8	0.065	\$ 46.36	\$ 3.01	\$ -	\$ 3.01	\$ 24.11
												<b>SUBTOTAL</b>	<b>\$ 204,101</b>
<b>COMMUNICATION</b>													
			<b>TELECOMMUNICATION</b>										
			<b>CONDUIT</b>										
36			3/4" EMT Conduit Up to Ceiling	LF	15	10%	17	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 82
37			3/4" PVC SCH 40 Conduit	LF	8	10%	9	0.035	\$ 46.36	\$ 1.62	\$ 1.57	\$ 3.19	\$ 28
			<b>CONDUCTOR</b>										
38			CAT6 Cable	LF	97	10%	107	0.025	\$ 46.36	\$ 1.16	\$ 0.54	\$ 1.70	\$ 181
			<b>J-HOOKS</b>										
39			2" J-Hooks	EA	16	0%	16	0.080	\$ 46.36	\$ 3.71	\$ 1.52	\$ 5.23	\$ 85
			<b>DEVICES</b>										
40			Data Outlet, Floor Mounted	EA	1	0%	1	0.320	\$ 46.36	\$ 14.84	\$ 19.50	\$ 34.34	\$ 34
			R45 Connector	EA	1	0%	1	0.150	\$ 46.36	\$ 6.95	\$ 4.10	\$ 11.05	\$ 11
			Backbox	EA	1	0%	1	0.250	\$ 46.36	\$ 11.59	\$ 14.26	\$ 25.85	\$ 26
			Faceplate	EA	1	0%	1	0.200	\$ 46.36	\$ 9.27	\$ 8.99	\$ 18.26	\$ 18
			<b>LOW VOLTAGE</b>										
			<b>CONDUIT</b>										
41			1/2" EMT Conduit	LF	249	10%	274	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 986
			<b>CONDUCTOR</b>										
42			#18 CU THHN/THWN	LF	497	10%	547	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 192
			<b>DEVICES</b>										
43			Door Holder	EA	4	0%	4	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 515
			<b>MISCELLANEOUS</b>										
44			Junction Box	EA	4	0%	4	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 305
												<b>SUBTOTAL</b>	<b>\$ 2,463</b>
<b>ELECTRONIC SAFETY AND SECURITY</b>													
			<b>FIRE ALARM</b>										
			<b>CONDUIT</b>										
45			3/4" EMT Conduit	LF	2090	10%	2299	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 11,390
			<b>CONDUCTOR</b>										
46			#16 CU THHN/THWN	LF	2341	10%	2575	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 932
47			#14 CU THHN/THWN	LF	1839	10%	2023	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 888
			<b>DEVICES</b>										
48			Fire Alarm Manual Pull Station	EA	4	0%	4	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 249
49			Fire Alarm Speaker/Strobe, WP	EA	8	0%	8	0.385	\$ 46.36	\$ 17.85	\$ 125.98	\$ 143.83	\$ 1,151
50			Fire Alarm Strobe, WP	EA	7	0%	7	0.419	\$ 46.36	\$ 19.42	\$ 150.64	\$ 170.06	\$ 1,190
51			Fire Alarm Addressable Smoke Detector	EA	5	0%	5	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 532
52			Fire Alarm Speaker/Strobe	EA	13	0%	13	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,375
53			Fire Alarm Strobe	EA	9	0%	9	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 948
54			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	4	0%	4	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 431
55			Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,365
												<b>SUBTOTAL</b>	<b>\$ 27,451</b>

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 31052024  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>PROJECTED COST</b>												\$234,015	
OVERHEAD AND PROFIT												15%	\$35,102
INSURANCE												3%	\$7,020
CONTINGENCY												5%	\$11,701
TAX												7%	\$11,085
<b>SUGGESTED BID</b>												<b>\$298,923</b>	



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
<b>ELECTRICAL</b>														
<b>DISTRIBUTION</b>														
			<b>DISCONNECT SWITCH</b>											
1		Rating Assumed From Panel	2P/60A Non Fused Disconnect Switch	EA	6	0%	6	1.420	\$ 46.36	\$ 65.83	\$ 215.64	\$ 281.47	\$ 1,688.83	
<b>POWER</b>														
<b>CONDUIT</b>														
2			1/2" EMT Conduit	LF	1025	10%	1127	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 4,057.39	
3			1" EMT Conduit	LF	1354	10%	1490	0.070	\$ 46.36	\$ 3.25	\$ 3.62	\$ 6.87	\$ 10,227.37	
<b>CONDUCTOR</b>														
4			#12 CU THHN/THWN	LF	3661	10%	4027	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 2,232.80	
5			#10 CU THHN/THWN	LF	769	10%	845	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 719.30	
6			#6 CU THHN/THWN	LF	4063	10%	4469	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 7,223.69	
<b>DEVICE</b>														
7			Duplex Receptacle	EA	5	0%	5	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 222.04	
8			Duplex Receptacle, GFI	EA	3	0%	3	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 139.22	
<b>LIGHTING</b>														
<b>CONDUIT</b>														
9			1/2" EMT Conduit	LF	1096	10%	1206	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 4,340.48	
10			3/4" EMT Conduit	LF	3226	10%	3549	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 17,582.26	
<b>CONDUCTOR</b>														
11			#12 CU THHN/THWN	LF	2316	10%	2548	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,412.66	
12			#10 CU THHN/THWN	LF	973	10%	1071	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 910.97	
13			#8 CU THHN/THWN	LF	9679	10%	10647	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 12,175.48	
<b>LIGHTING FIXTURES</b>														
14			1x4' LED Lighting Fixture	EA	1	0%	1	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 180.27	
15			11" Down Light Fixture	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 232.14	\$ 278.50	\$ 278.50	
16			Emergency Light With Battery Backup	EA	2	0%	2	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 515.90	
17			Exit Sign With Battery Backup, Ceiling Mounted	EA	1	0%	1	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 160.95	
18			Exit Sign With Battery Backup, Wall Mounted	EA	3	0%	3	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 417.73	
19			L6: 1x4' LED Lighting Fixture	EA	4	0%	4	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 721.08	
20			L1: Parking Garage Luminaire, CREE IG-B-NM-5S-4L-40K8-UL-WH-PML, Serie: Ig Watts: 33W	EA	55	0%	55	0.800	\$ 46.36	\$ 37.09	\$ 605.50	\$ 642.59	\$ 35,342.34	
21			L5: 30' Length RGB LED tape, PRIZM PZM-TLH-54-24V-RGB-CC+	EA	18	0%	18	1.000	\$ 46.36	\$ 46.36	\$ 100.00	\$ 146.36	\$ 2,634.48	
<b>LIGHTING CONTROL</b>														
22			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36	
22			Single Pole Switch	EA	6	0%	6	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 222.54	
<b>MISCELLANEOUS</b>														
23			Junction Box	EA	3	0%	3	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 228.95	
												<b>SUBTOTAL \$</b>	<b>103,922</b>	
<b>COMMUNICATION</b>														
<b>LOW VOLTAGE</b>														
<b>CONDUIT</b>														
24			1/2" EMT Conduit	LF	130	10%	143	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 514.65	
<b>CONDUCTOR</b>														
25			#18 CU THHN/THWN	LF	259	10%	285	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 100.23	
<b>DEVICES</b>														
26			Door Holder	EA	2	0%	2	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 257.36	
<b>MISCELLANEOUS</b>														
27			Junction Box	EA	2	0%	2	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 157.21	
												<b>SUBTOTAL \$</b>	<b>1,029</b>	
<b>ELECTRONIC SAFETY AND SECURITY</b>														
<b>FIRE ALARM</b>														
<b>CONDUIT</b>														
28			3/4" EMT Conduit	LF	802	10%	882	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 4,369.99	
<b>CONDUCTOR</b>														
29			#14 CU THHN/THWN	LF	1604	10%	1764	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 774.65	
<b>DEVICES</b>														
30			Fire Alarm Speaker/Strobe, WP	EA	7	0%	7	0.385	\$ 46.36	\$ 17.85	\$ 125.98	\$ 143.83	\$ 1,006.80	
31			Fire Alarm Strobe, WP	EA	7	0%	7	0.419	\$ 46.36	\$ 19.42	\$ 150.64	\$ 170.06	\$ 1,190.45	
32			Fire Alarm Addressable Smoke Detector	EA	5	0%	5	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 532.34	
33			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66	
34			Fire Alarm Speaker/Strobe	EA	1	0%	1	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 105.80	
												<b>SUBTOTAL \$</b>	<b>8,105</b>	
												<b>PROJECTED COST</b>	<b>\$113,956</b>	
<b>OVERHEAD AND PROFIT</b>													<b>15%</b>	<b>\$16,958</b>
<b>INSURANCE</b>													<b>3%</b>	<b>\$3,392</b>
<b>CONTINGENCY</b>													<b>5%</b>	<b>\$5,653</b>
<b>TAX</b>													<b>7%</b>	<b>\$5,234</b>
<b>SUGGESTED BID</b>														<b>\$144,293</b>

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 31052024  
 Scope: Electrical



Date: 14-May-25

ELECTRICAL												
DISTRIBUTION												
1		2-1/2" Flexible Conduit	LF	6	10%	7	0.032	\$ 46.36	\$ 1.48	\$ 6.56	\$ 8.04	\$ 56.45
2		3" Flexible Conduit	LF	15	10%	17	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 271.31
3		1 1/4" EMT Conduit	LF	45	10%	50	0.080	\$ 46.36	\$ 3.71	\$ 5.79	\$ 9.50	\$ 470.19
4		2-1/2" EMT Conduit	LF	45	10%	49	0.032	\$ 46.36	\$ 1.48	\$ 6.56	\$ 8.04	\$ 393.91
<b>CONDUCTOR</b>												
5		#8 CU THHN/THWN	LF	45	10%	50	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 56.61
6		#4 AL THHN/THWN	LF	29	10%	32	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 76.46
7		#3 CU THHN/THWN	LF	180	10%	198	0.020	\$ 46.36	\$ 0.93	\$ 1.82	\$ 2.75	\$ 543.95
8		#1 AL THHN/THWN	LF	16	10%	17	0.017	\$ 46.36	\$ 0.79	\$ 1.21	\$ 2.00	\$ 34.51
9		#3/0 CU THHN/THWN	LF	21	10%	24	0.017	\$ 46.36	\$ 0.79	\$ 4.31	\$ 5.10	\$ 120.35
10		#4/0 CU THHN/THWN	LF	19	10%	21	0.018	\$ 46.36	\$ 0.83	\$ 5.37	\$ 6.20	\$ 130.63
11		#250 KCMIL AL THHN/THWN	LF	178	10%	196	0.025	\$ 46.36	\$ 1.16	\$ 6.22	\$ 7.38	\$ 1,445.46
12		#250 MCM CU THHN/THWN	LF	60	10%	66	0.027	\$ 46.36	\$ 1.25	\$ 6.85	\$ 8.10	\$ 537.57
<b>LUGS</b>												
13		Compression Lug CU With 1-Hole, #8 CU Wire	EA	2	0%	2	0.083	\$ 46.36	\$ 3.85	\$ 4.61	\$ 8.46	\$ 16.92
14		Heat Shrink Tubing for #8 CU Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 2.40	\$ 4.72	\$ 9.44
15		Compression Lug CU With 1-Hole, #4 CU Wire	EA	2	0%	2	0.110	\$ 46.36	\$ 5.10	\$ 9.24	\$ 14.34	\$ 28.68
16		Heat Shrink Tubing for #4 CU Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 3.20	\$ 5.52	\$ 11.04
17		Compression Lug CU With 1-Hole, #3 CU Wire	EA	8	0%	8	0.122	\$ 46.36	\$ 5.66	\$ 11.55	\$ 17.21	\$ 137.65
18		Heat Shrink Tubing for #3 CU Wire	EA	8	0%	8	0.080	\$ 46.36	\$ 3.71	\$ 3.50	\$ 7.21	\$ 57.67
19		Compression Lug CU With 1-Hole, #1 CU Wire	EA	4	0%	4	0.145	\$ 46.36	\$ 6.72	\$ 17.25	\$ 23.97	\$ 95.89
20		Heat Shrink Tubing for #1 CU Wire	EA	4	0%	4	0.080	\$ 46.36	\$ 3.71	\$ 4.12	\$ 7.83	\$ 31.32
21		Compression Lug CU With 1-Hole, #3/0 CU Wire	EA	4	0%	4	0.168	\$ 46.36	\$ 7.79	\$ 24.66	\$ 32.45	\$ 129.79
22		Heat Shrink Tubing for #3/0 CU Wire	EA	4	0%	4	0.100	\$ 46.36	\$ 4.64	\$ 4.85	\$ 9.49	\$ 37.94
23		Compression Lug CU With 1-Hole, #4/0 CU Wire	EA	12	0%	12	0.170	\$ 46.36	\$ 7.88	\$ 17.50	\$ 25.38	\$ 304.57
24		Heat Shrink Tubing for #4/0 CU Wire	EA	12	0%	12	0.100	\$ 46.36	\$ 4.64	\$ 5.50	\$ 10.14	\$ 121.63
25		Compression Lug AL With 1-Hole, #250 KCMIL AL Wire	EA	8	0%	8	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 345.44
26		Heat Shrink Tubing for #250 KCMIL AL Wire	EA	8	0%	8	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 142.18
27		Compression Lug CU With 1-Hole, #250 MCM CU Wire	EA	24	0%	24	0.300	\$ 46.36	\$ 13.91	\$ 36.70	\$ 50.61	\$ 1,214.59
28		Heat Shrink Tubing for #250 MCM CU Wire	EA	24	0%	24	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 426.53
<b>CIRCUIT BREAKER</b>												
29		1P/20A Breaker	EA	24	0%	24	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 1,400.04
30		1P/30A Breaker	EA	3	0%	3	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 250.01
31		2P/20A Breaker	EA	2	0%	2	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 148.09
32		3P/60A Breaker	EA	12	0%	12	0.450	\$ 46.36	\$ 20.86	\$ 225.00	\$ 245.86	\$ 2,950.34
33		3P/200A Breaker	EA	3	0%	3	0.560	\$ 46.36	\$ 25.96	\$ 625.50	\$ 651.46	\$ 1,954.38
34		3P/225A Breaker	EA	1	0%	1	0.750	\$ 46.36	\$ 34.77	\$ 730.00	\$ 764.77	\$ 764.77
35		3P/400A, 42KAIC Enclosed Circuit Breaker	EA	1	0%	1	2.330	\$ 46.36	\$ 108.02	\$ 1,630.00	\$ 1,738.02	\$ 1,738.02
36		3P/500A MCB	EA	1	0%	1	2.600	\$ 46.36	\$ 120.54	\$ 2,735.00	\$ 2,855.54	\$ 2,855.54
<b>PANEL</b>												
37		Panel EHB: 100A, 277/480V, 3PH, 4W 10KAIC, 18 Poles, Surface M	EA	1	0%	1	3.000	\$ 46.36	\$ 139.08	\$ 750.00	\$ 889.08	\$ 889.08
38		Panel HM: 400A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mo	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
39		Panel MA: 200A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mo	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
40		Panel MB: 200A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mo	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
41		Panel MC: 200A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mo	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
42		Panel MD: 600A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, 42 Pol	EA	1	0%	1	4.500	\$ 46.36	\$ 208.62	\$ 3,125.00	\$ 3,333.62	\$ 3,333.62
<b>DEVICES</b>												
43		T6: 150KVA, 480V - 120/208V Transformer	EA	1	0%	1	25.500	\$ 46.36	\$ 1,182.18	\$ 16,500.00	\$ 17,682.18	\$ 17,682.18
44		Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
<b>DISCONNECT SWITCH</b>												
45		1P/20A Disconnect Switch	EA	2	0%	2	0.300	\$ 46.36	\$ 13.91	\$ 39.95	\$ 53.86	\$ 107.72
46		1P/30A Disconnect Switch	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 48.85	\$ 65.08	\$ 65.08
47		2P/20A Disconnect Switch	EA	5	0%	5	0.400	\$ 46.36	\$ 18.54	\$ 52.00	\$ 70.54	\$ 352.72
48		3P/60A Disconnect Switch	EA	11	0%	11	0.650	\$ 46.36	\$ 30.13	\$ 182.32	\$ 212.45	\$ 2,336.99
<b>GROUNDING</b>												
49		Ground Bus Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13
50		#3/0 CU Grounding Conductor	LF	20	10%	22	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 106.98
<b>POWER</b>												
<b>CONDUIT</b>												
51		1/2" EMT Conduit	LF	3949	10%	4344	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 15,634.65
52		1" EMT Conduit	LF	1717	10%	1889	0.070	\$ 46.36	\$ 3.25	\$ 3.55	\$ 6.80	\$ 12,836.11
53		1/2" PVC SCH 40 Conduit	LF	9	10%	10	0.030	\$ 46.36	\$ 1.39	\$ 1.41	\$ 2.80	\$ 28.87
<b>CONDUCTOR</b>												
54		#12 CU THHN/THWN	LF	9451	10%	10396	0.007	\$ 46.36	\$ 0.32	\$ 0.25	\$ 0.57	\$ 5,972.68
55		#10 CU THHN/THWN	LF	4951	10%	5447	0.008	\$ 46.36	\$ 0.37	\$ 0.38	\$ 0.75	\$ 4,089.69
56		#6 CU THHN/THWN	LF	6869	10%	7556	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 12,212.89
<b>DEVICE</b>												
57		Duplex Receptacle	EA	10	0%	10	0.330	\$ 46.36	\$ 15.30	\$ 33.00	\$ 48.30	\$ 482.99
58		Duplex Receptacle, GFCI	EA	6	0%	6	0.330	\$ 46.36	\$ 15.30	\$ 37.00	\$ 52.30	\$ 313.79
59		Duplex Receptacle, GFCI, WP	EA	2	0%	2	0.350	\$ 46.36	\$ 16.23	\$ 44.00	\$ 60.23	\$ 120.45
60		Quadplex Receptacle	EA	2	0%	2	0.400	\$ 46.36	\$ 18.54	\$ 48.00	\$ 66.54	\$ 133.09
61		Quadplex Receptacle With Floor Box	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 48.00	\$ 66.54	\$ 66.54
62		Single Pole Switch	EA	10	0%	10	0.250	\$ 46.36	\$ 11.59	\$ 25.00	\$ 36.59	\$ 365.90
<b>LIGHTING</b>												
<b>CONDUIT</b>												
63		1/2" EMT Conduit	LF	3036	10%	3340	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 12,020.10
64		3/4" EMT Conduit	LF	2665	10%	2931	0.062	\$ 46.36	\$ 2.87	\$ 2.03	\$ 4.90	\$ 14,376.74
<b>CONDUCTOR</b>												
65		#12 CU THHN/THWN	LF	7475	10%	8222	0.007	\$ 46.36	\$ 0.32	\$ 0.25	\$ 0.57	\$ 4,723.69
66		#10 CU THHN/THWN	LF	1634	10%	1798	0.008	\$ 46.36	\$ 0.37	\$ 0.38	\$ 0.75	\$ 1,349.91
67		#8 CU THHN/THWN	LF	7995	10%	8794	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 10,057.20
<b>LIGHTING FIXTURES</b>												
68		1' x 1-1/2" LED Lighting Fixture	EA	1	0%	1	0.880	\$ 46.36	\$ 40.80	\$ 109.94	\$ 150.74	\$ 150.74
69		1' x 4' LED Lighting Fixture	EA	49	0%	49	0.880	\$ 46.36	\$ 40.80	\$ 100.87	\$ 141.67	\$ 6,941.67
70		7" LED Downlight Fixture	EA	53	0%	53	0.800	\$ 46.36	\$ 37.09	\$ 58.00	\$ 95.09	\$ 5,039.66
71		Emergency Light With Battery Backup	EA	8	0%	8	1.100	\$ 46.36	\$ 51.00	\$ 181.90	\$ 232.90	\$ 1,863.17
72		Exit Sign light With Battery Backup	EA	10	0%	10	1.100	\$ 46.36	\$ 51.00	\$ 130.00	\$ 181.00	\$ 1,809.96
73		Exit Sign light Mounted: Ceiling Mounted	EA	3	0%	3	1.100	\$ 46.36	\$ 51.00	\$ 130.00	\$ 181.00	\$ 542.99
74		L1: Parking Garage Luminaire, Cree IG-B-NM-5S-4L-40KS-UL-WH-PML, Serie: Ig Watts: 33W	EA	37	0%	37	2.650	\$ 46.36	\$ 122.85	\$ 536.84	\$ 659.69	\$ 24,408.68
75		L1-EM: Parking Garage Luminaire With Emergency Battery Backup, 0	EA	16	0%	16	2.650	\$ 46.36	\$ 122.85	\$ 536.84	\$ 659.69	\$ 10,555.10
<b>LIGHTING CONTROL</b>												
76		Single Pole Switch	EA	17	0%	17	0.250	\$ 46.36	\$ 11.59	\$ 25.00	\$ 36.59	\$ 622.03
<b>MISCELLANEOUS</b>												
77		Junction Box	EA	34	0%	34	0.400	\$ 46.36	\$ 18.54	\$ 45.00	\$ 63.54	\$ 2,160.50
<b>SAW CUT</b>												

E106 & E201

Rating Assumed From Panel

Legend/Schedule Not Given

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 31052024  
 Scope: Electrical



Date: 14-May-25

78		Saw Cut & Repair Concrete Floor For Conduit Installation	LF	9	0%	9	0.067	\$ 46.36	\$ 3.11	\$ -	\$ 3.11	\$ 29.10
											<b>SUBTOTAL \$ 201,813</b>	

**COMMUNICATION**

<b>TELECOMMUNICATION</b>													
<b>CONDUIT</b>													
79	E106	3/4" EMT Conduit Up to Ceiling	LF	15	10%	17	0.062	\$ 46.36	\$ 2.87	\$ 2.03	\$ 4.90	\$ 81.35	
80		3/4" PVC SCH 40 Conduit	LF	12	10%	14	0.035	\$ 46.36	\$ 1.62	\$ 1.57	\$ 3.19	\$ 43.27	
<b>CONDUCTOR</b>													
81		CAT6 Cable	LF	117	10%	129	0.052	\$ 46.36	\$ 2.41	\$ 0.52	\$ 2.93	\$ 376.96	
<b>J-HOOKS</b>													
82		2" J-Hooks	EA	15	0%	15	0.080	\$ 46.36	\$ 3.71	\$ 1.53	\$ 5.24	\$ 78.58	
<b>DEVICES</b>													
83		Data Outlet, Floor Mounted	EA	1	0%	1	0.250	\$ 46.36	\$ 11.59	\$ 22.00	\$ 33.59	\$ 33.59	
		RJ45 Connector	EA	1	0%	1	0.100	\$ 46.36	\$ 4.64	\$ 4.56	\$ 9.20	\$ 9.20	
		Backbox	EA	1	0%	1	0.280	\$ 46.36	\$ 12.98	\$ 12.45	\$ 25.43	\$ 25.43	
	Faceplate	EA	1	0%	1	0.156	\$ 46.36	\$ 7.23	\$ 6.54	\$ 13.77	\$ 13.77		
<b>LOW VOLTAGE</b>													
<b>CONDUIT</b>													
84	1/2" EMT Conduit	LF	249	10%	274	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 984.83		
<b>CONDUCTOR</b>													
85	#18 CU THHN/THWN	LF	498	10%	547	0.005	\$ 46.36	\$ 0.23	\$ 0.09	\$ 0.32	\$ 176.12		
<b>DEVICES</b>													
86	Door Holder	EA	4	0%	4	0.500	\$ 46.36	\$ 23.18	\$ 55.60	\$ 78.78	\$ 315.12		
<b>MISCELLANEOUS</b>													
87	Junction Box	EA	4	0%	4	0.400	\$ 46.36	\$ 18.54	\$ 45.00	\$ 63.54	\$ 254.18		
											<b>SUBTOTAL \$ 2,392</b>		

**ELECTRONUC SAFETY AND SECURITY**

<b>FIRE ALARM</b>													
<b>CONDUIT</b>													
88	E306	3/4" EMT Conduit	LF	2255	10%	2481	0.062	\$ 46.36	\$ 2.87	\$ 2.03	\$ 4.90	\$ 12,166.41	
<b>CONDUCTOR</b>													
89		#16 CU THHN/THWN	LF	2480	10%	2728	0.006	\$ 46.36	\$ 0.28	\$ 0.15	\$ 0.43	\$ 1,167.88	
90		#14 CU THHN/THWN	LF	2031	10%	2234	0.006	\$ 46.36	\$ 0.28	\$ 0.17	\$ 0.45	\$ 1,001.12	
<b>DEVICES</b>													
91		Fire Alarm Addressable Smoke Detector	EA	3	0%	3	0.950	\$ 46.36	\$ 44.04	\$ 101.00	\$ 145.04	\$ 435.13	
92		Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	4	0%	4	0.950	\$ 46.36	\$ 44.04	\$ 101.00	\$ 145.04	\$ 580.17	
93		Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.800	\$ 46.36	\$ 37.09	\$ 78.00	\$ 115.09	\$ 1,496.14	
94		Fire Alarm Manual Pull Station	EA	4	0%	4	1.200	\$ 46.36	\$ 55.63	\$ 122.00	\$ 177.63	\$ 710.53	
95		Fire Alarm Speaker/Strobe	EA	12	0%	12	1.100	\$ 46.36	\$ 51.00	\$ 97.00	\$ 148.00	\$ 1,775.95	
96	Fire Alarm Speaker/Strobe, WP	EA	8	0%	8	1.100	\$ 46.36	\$ 51.00	\$ 97.00	\$ 148.00	\$ 1,183.97		
97	Fire Alarm Strobe	EA	7	0%	7	1.100	\$ 46.36	\$ 51.00	\$ 97.00	\$ 148.00	\$ 1,035.97		
98	Fire Alarm Strobe, WP	EA	7	0%	7	1.100	\$ 46.36	\$ 51.00	\$ 97.00	\$ 148.00	\$ 1,035.97		
											<b>SUBTOTAL \$ 22,589</b>		

											<b>PROJECTED COST</b>	\$226,795
<b>OVERHEAD AND PROFIT</b>											15%	\$34,019
<b>INSURANCE</b>											3%	\$6,804
<b>CONTINGENCY</b>											5%	\$11,340
<b>TAX</b>											7%	\$10,292
<b>SUGGESTED BID</b>												\$289,250



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>CONDUIT</b>										
1			2-1/2" Flexible Conduit	LF	7	10%	8	0.032	\$ 46.36	\$ 1.48	\$ 6.56	\$ 8.04	\$ 61.49
2			3" Flexible Conduit	LF	21	10%	24	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 385.38
3			2-1/2" EMT Conduit	LF	17	10%	19	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 327.72
			<b>CONDUCTOR</b>										
4			#1 AL THHN/THWN	LF	17	10%	19	0.017	\$ 46.36	\$ 0.79	\$ 1.21	\$ 2.00	\$ 37.32
5			#3/0 CU THHN/THWN	LF	28	10%	31	0.020	\$ 46.36	\$ 0.93	\$ 1.82	\$ 2.75	\$ 85.73
6			#4/0 CU THHN/THWN	LF	21	10%	23	0.036	\$ 46.36	\$ 1.67	\$ 6.85	\$ 8.52	\$ 195.38
7			#250 KCMIL AL THHN/THWN	LF	68	10%	75	0.027	\$ 46.36	\$ 1.25	\$ 1.88	\$ 3.13	\$ 239.98
8			#250 MCM CU THHN/THWN	LF	86	10%	94	0.027	\$ 46.36	\$ 1.25	\$ 6.85	\$ 8.10	\$ 763.57
			<b>LUGS</b>										
9			Compression Lug AL With 1-Hole, #1 AL Wire	EA	4	0%	4	0.145	\$ 46.36	\$ 6.72	\$ 17.25	\$ 23.97	\$ 95.89
10			Heat Shrink Tubing for #1 AL Wire	EA	4	0%	4	0.080	\$ 46.36	\$ 3.71	\$ 4.12	\$ 7.83	\$ 31.32
11			Compression Lug CU With 1-Hole, #3/0 CU Wire	EA	6	0%	6	0.168	\$ 46.36	\$ 7.79	\$ 24.66	\$ 32.45	\$ 194.69
12			Heat Shrink Tubing for #3/0 CU Wire	EA	6	0%	6	0.100	\$ 46.36	\$ 4.64	\$ 4.85	\$ 9.49	\$ 56.92
13			Compression Lug CU With 1-Hole, #4/0 CU Wire	EA	6	0%	6	0.170	\$ 46.36	\$ 7.88	\$ 17.50	\$ 25.38	\$ 152.29
14			Heat Shrink Tubing for #4/0 CU Wire	EA	6	0%	6	0.100	\$ 46.36	\$ 4.64	\$ 5.50	\$ 10.14	\$ 60.82
15			Compression Lug AL With 1-Hole, #250 KCMIL AL Wire	EA	16	0%	16	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 690.88
16			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	16	0%	16	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 284.35
17			Compression Lug CU With 1-Hole, #250 MCM CU Wire	EA	16	0%	16	0.300	\$ 46.36	\$ 13.91	\$ 36.70	\$ 50.61	\$ 809.73
18			Heat Shrink Tubing for #250 MCM CU Wire	EA	16	0%	16	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 284.35
			<b>CIRCUIT BREAKER</b>										
19			1P/20A Breaker	EA	22	0%	22	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 1,283.37
20			1P/30A Breaker	EA	4	0%	4	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 333.34
21			2P/20A Breaker	EA	3	0%	3	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 222.13
22			3P/50A Breaker	EA	2	0%	2	0.450	\$ 46.36	\$ 20.86	\$ 189.50	\$ 210.36	\$ 420.72
23			3P/200A Enclosed Circuit Breaker	EA	1	0%	1	0.700	\$ 46.36	\$ 32.45	\$ 574.00	\$ 606.45	\$ 606.45
24			3P/225A Breaker	EA	1	0%	1	0.750	\$ 46.36	\$ 34.77	\$ 730.00	\$ 764.77	\$ 764.77
25			3P/500A MCB	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 1,650.00	\$ 1,705.63	\$ 1,705.63
			<b>PANEL</b>										
26			Panel BA: 200A, 120/208V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,025.00	\$ 1,187.26	\$ 1,187.26
27			Panel BM: 600A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	4.500	\$ 46.36	\$ 208.62	\$ 3,125.00	\$ 3,333.62	\$ 3,333.62
28			Panel HB: 400A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 6,500.00	\$ 6,768.89	\$ 6,768.89
			<b>DEVICES</b>										
29			T6: 150KVA, 480V - 120/208V Transformer	EA	1	0%	1	25.500	\$ 46.36	\$ 1,182.18	\$ 16,500.00	\$ 17,682.18	\$ 17,682.18
30			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
			<b>DISCONNECT SWITCH</b>										
31			1P/20A Disconnect Switch	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 68.00	\$ 91.18	\$ 182.36
32			1P/30A Disconnect Switch	EA	4	0%	4	0.500	\$ 46.36	\$ 23.18	\$ 97.50	\$ 120.68	\$ 482.72
33			2P/20A Disconnect Switch	EA	8	0%	8	1.000	\$ 46.36	\$ 46.36	\$ 145.00	\$ 191.36	\$ 1,530.88
34			3P/50A Disconnect Switch	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 320.00	\$ 366.36	\$ 732.72
			<b>GROUNDING</b>										
35			Ground Bus Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13
36			#3/0 CU Grounding Conductor	LF	20	10%	22	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 106.98
			<b>POWER</b>										
			<b>CONDUIT</b>										
37			1/2" EMT Conduit	LF	3746	10%	4120	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 14,828.60
38			3/4" EMT Conduit	LF	59	10%	65	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 322.03
39			1/2" RGS Conduit	LF	445	10%	489	0.047	\$ 46.36	\$ 2.18	\$ 3.50	\$ 5.68	\$ 2,779.14
			<b>CONDUCTOR</b>										
40			#12 CU THHN/THWN	LF	7531	10%	8284	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 4,593.46
41			#10 CU THHN/THWN	LF	5893	10%	6482	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 5,515.70
42			#8 CU THHN/THWN	LF	236	10%	260	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 297.33
			<b>DEVICE</b>										
43			Duplex Receptacle	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 177.63
44			Duplex Receptacle, GFCI	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 185.63
45			Duplex Receptacle, GFCI, WP	EA	25	0%	25	0.320	\$ 46.36	\$ 14.84	\$ 35.50	\$ 50.34	\$ 1,258.38
46			Quadplex Receptacle	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 56.50	\$ 79.68	\$ 159.36
			<b>LIGHTING</b>										
			<b>CONDUIT</b>										
47			1/2" EMT Conduit	LF	4992	10%	5492	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 19,764.25
48			3/4" EMT Conduit	LF	2520	10%	2772	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 13,733.43
49			1/2" RGS Conduit	LF	359	10%	395	0.047	\$ 46.36	\$ 2.18	\$ 3.50	\$ 5.68	\$ 2,240.92
			<b>CONDUCTOR</b>										
50			#12 CU THHN/THWN	LF	15656	10%	17221	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 9,549.54
51			#10 CU THHN/THWN	LF	398	10%	438	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 372.41
52			#8 CU THHN/THWN	LF	7560	10%	8316	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 9,510.22
			<b>LIGHTING FIXTURES</b>										
53			LF: 1' x 4' LED Lighting Fixture	EA	67	0%	67	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 12,078.09
54			LF: 7" LED Downlight Fixture	EA	92	0%	92	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 20,887.50
55			LF: 8" x 8" LED Lighting Fixture	EA	6	0%	6	0.800	\$ 46.36	\$ 37.09	\$ 167.40	\$ 204.49	\$ 1,226.93
56			LF: B2	EA	18	0%	18	0.700	\$ 46.36	\$ 32.45	\$ 120.00	\$ 152.45	\$ 2,744.14
57			LF: B3	EA	3	0%	3	0.700	\$ 46.36	\$ 32.45	\$ 12.00	\$ 44.45	\$ 133.36
58			LF: Emergency Light With Battery Backup	EA	9	0%	9	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 2,321.57
59			LF: Exit Sign light With Battery Backup	EA	13	0%	13	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,810.16
60			LF: Exit Sign light Mounted: Ceiling Mounted	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 1,126.66
61			R1: Recessed Step Light, LUMASCAPE LSI230-10-D-830-XX-XX-0	EA	102	0%	102	0.560	\$ 46.36	\$ 25.96	\$ 238.00	\$ 263.96	\$ 26,924.08
62			WM3: Wall Mounted Cylinder Luminaire, LUMINIS SYRIOS SY300-L1L10-R30-XXX-XXX-LSL-K3 Mounted: Wall Mounted Watts: 13W	EA	11	0%	11	0.760	\$ 46.36	\$ 35.23	\$ 150.00	\$ 185.23	\$ 2,037.57
			<b>LIGHTING CONTROL</b>										
63			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36
64			Single Pole Switch	EA	19	0%	19	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 704.71
			<b>MISCELLANEOUS</b>										
65			Junction Box	EA	44	0%	44	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 3,357.90
												<b>SUBTOTAL \$ 203,413</b>	
<b>COMMUNICATION</b>													
			<b>LOW VOLTAGE</b>										
			<b>CONDUIT</b>										
66			1/2" EMT Conduit	LF	219	10%	240	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 865.40

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
	E107		<b>CONDUCTOR</b>											
67			#18 CU THHN/THWN	LF	437	10%	481	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 169.19	
			<b>DEVICES</b>											
68			Door Holder	EA	4	0%	4	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 514.72	
			<b>MISCELLANEOUS</b>											
69			Junction Box	EA	4	0%	4	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 314.43	
<b>SUBTOTAL \$</b>												<b>1,864</b>		

**ELECTRONUC SAFETY AND SECURITY**

FIRE ALARM														
	E307		<b>CONDUIT</b>											
70			3/4" EMT Conduit	LF	2132	10%	2345	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 11,619.69	
			<b>CONDUCTOR</b>											
71			#16 CU THHN/THWN	LF	2092	10%	2301	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 832.59	
72			#14 CU THHN/THWN	LF	2172	10%	2389	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 1,049.26	
			<b>DEVICES</b>											
73			Fire Alarm Addressable Smoke Detector	EA	13	0%	13	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 1,384.09	
74			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	5	0%	5	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 538.37	
75			Fire Alarm Door Holder	EA	1	0%	1	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 128.68	
76			Fire Alarm Fire/Smoke Damper	EA	21	0%	21	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 13,512.28	
77			Fire Alarm Manual Pull Station	EA	6	0%	6	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 373.99	
78			Fire Alarm Speaker/Strobe	EA	17	0%	17	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,798.58	
79			Fire Alarm Speaker/Strobe, WP	EA	4	0%	4	0.385	\$ 46.36	\$ 17.85	\$ 125.98	\$ 143.83	\$ 575.31	
80			Fire Alarm Strobe	EA	9	0%	9	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 947.83	
81		Fire Alarm Strobe, WP	EA	2	0%	2	0.419	\$ 46.36	\$ 19.42	\$ 150.64	\$ 170.06	\$ 340.13		
<b>SUBTOTAL \$</b>												<b>33,101</b>		

<b>PROJECTED COST</b>												<b>\$238,377</b>	
<b>OVERHEAD AND PROFIT</b>												<b>15%</b>	<b>\$35,757</b>
<b>INSURANCE</b>												<b>3%</b>	<b>\$7,151</b>
<b>CONTINGENCY</b>												<b>5%</b>	<b>\$11,919</b>
<b>TAX</b>												<b>7%</b>	<b>\$11,538</b>
<b>SUGGESTED BID</b>												<b>\$304,741</b>	

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



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
<b>CONDUIT</b>													
1			1-1/2" Flexible Conduit	LF	7	10%	7	0.020	\$ 46.36	\$ 0.93	\$ 2.24	\$ 3.17	\$ 22.99
2			3" Flexible Conduit	LF	8	10%	9	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 139.25
3			2-1/2" EMT Conduit	LF	9	10%	10	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 170.42
<b>CONDUCTOR</b>													
4			#4 AL THHN/THWN	LF	9	10%	10	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 23.43
5			#1/0 CU THHN/THWN	LF	34	10%	38	0.024	\$ 46.36	\$ 1.11	\$ 3.25	\$ 4.36	\$ 163.83
6			#250 KCMIL AL THHN/THWN	LF	35	10%	39	0.027	\$ 46.36	\$ 1.25	\$ 2.62	\$ 3.87	\$ 150.42
7			#500 MCM CU THHN/THWN	LF	31	10%	34	0.050	\$ 46.36	\$ 2.32	\$ 13.85	\$ 16.17	\$ 550.62
<b>LUGS</b>													
8			Compression Lug AL With 1-Hole, #4 AL Wire	EA	2	0%	2	0.110	\$ 46.36	\$ 5.10	\$ 9.24	\$ 14.34	\$ 28.68
9			Heat Shrink Tubing for #4 AL Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 3.20	\$ 5.52	\$ 11.04
10			Compression Lug CU With 1-Hole, #1/0 CU Wire	EA	10	0%	10	0.142	\$ 46.36	\$ 6.58	\$ 17.32	\$ 23.90	\$ 239.03
11			Heat Shrink Tubing for #1/0 CU Wire	EA	10	0%	10	0.100	\$ 46.36	\$ 4.64	\$ 4.50	\$ 9.14	\$ 91.36
12			Compression Lug AL With 1-Hole, #250 KCMIL AL Wire	EA	8	0%	8	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 345.44
13			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	8	0%	8	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 142.18
14			Compression Lug CU With 1-Hole, #500 MCM CU Wire	EA	8	0%	8	0.400	\$ 46.36	\$ 18.54	\$ 32.50	\$ 51.04	\$ 408.35
15			Heat Shrink Tubing for #500 MCM CU Wire	EA	8	0%	8	0.380	\$ 46.36	\$ 17.62	\$ 28.50	\$ 46.12	\$ 368.93
<b>CIRCUIT BREAKER</b>													
16			1P/20A Breaker	EA	19	0%	19	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 1,108.37
16			1P/30A Breaker	EA	2	0%	2	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 166.67
16			2P/20A Breaker	EA	5	0%	5	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 370.22
16			3P/40A Breaker	EA	3	0%	3	0.450	\$ 46.36	\$ 20.86	\$ 175.17	\$ 196.03	\$ 588.10
16			3P/150A Breaker	EA	1	0%	1	0.500	\$ 46.36	\$ 23.18	\$ 499.00	\$ 522.18	\$ 522.18
16			3P/200A Enclosed Circuit Breaker	EA	1	0%	1	0.700	\$ 46.36	\$ 32.45	\$ 574.00	\$ 606.45	\$ 606.45
16			3P/350A MCB	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 945.00	\$ 991.36	\$ 1,982.72
<b>PANEL</b>													
17			Panel CA: 400A, 120/208V, 3PH, 4W 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
18			Panel CB: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
19			Panel EA: 100A, 120/208V, 3PH, 4W, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.000	\$ 46.36	\$ 139.08	\$ 950.00	\$ 1,089.08	\$ 1,089.08
20			Panel HC: 200A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
<b>DEVICES</b>													
21			112.5KVA, 480V - 120/208V Transformer	EA	1	0%	1	18.500	\$ 46.36	\$ 857.66	\$ 11,500.00	\$ 12,357.66	\$ 12,357.66
22			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
<b>DISCONNECT SWITCH</b>													
23			1P/20A Disconnect Switch	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 68.00	\$ 91.18	\$ 182.36
24			1P/30A Disconnect Switch	EA	3	0%	3	0.500	\$ 46.36	\$ 23.18	\$ 97.50	\$ 120.68	\$ 362.04
25			2P/20A Disconnect Switch	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 145.00	\$ 191.36	\$ 191.36
26			3P/40A Disconnect Switch	EA	3	0%	3	1.500	\$ 46.36	\$ 69.54	\$ 250.00	\$ 319.54	\$ 958.62
<b>GROUNDING</b>													
27			Ground Bus Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13
28			#1/0 CU Grounding Conductor	LF	20	10%	22	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 106.98
<b>POWER</b>													
<b>CONDUIT</b>													
29			1/2" EMT Conduit	LF	1318	10%	1449	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,215.81
30			3/4" EMT Conduit	LF	87	10%	96	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 473.37
<b>CONDUCTOR</b>													
31			#12 CU THHN/THWN	LF	2340	10%	2574	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,427.08
32			#10 CU THHN/THWN	LF	1755	10%	1930	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 1,642.61
33			#8 CU THHN/THWN	LF	347	10%	382	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 437.07
<b>DEVICE</b>													
34			Duplex Receptacle	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 177.63
35			Duplex Receptacle, GFCI	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 185.63
36			Quadplex Receptacle	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 56.50	\$ 79.68	\$ 159.36
<b>LIGHTING</b>													
<b>CONDUIT</b>													
37			1/2" EMT Conduit	LF	1405	10%	1546	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,562.25
38			3/4" EMT Conduit	LF	2246	10%	2470	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 12,238.02
<b>CONDUCTOR</b>													
39			#12 CU THHN/THWN	LF	3209	10%	3530	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,957.66
40			#10 CU THHN/THWN	LF	1006	10%	1106	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 941.27
41			#8 CU THHN/THWN	LF	6737	10%	7411	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 8,474.66
<b>LIGHTING FIXTURES</b>													
42			1' x 4' LED Lighting Fixture	EA	62	0%	62	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 11,176.74
43			7" LED Downlight Fixture	EA	72	0%	72	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 16,346.74
44			Emergency Light With Battery Backup	EA	5	0%	5	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 1,289.76
45			Exit Sign light With Battery Backup Mounted: Wall	EA	13	0%	13	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,810.16
46			Exit Sign light Mounted: Ceiling Mounted	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 1,126.66
<b>LIGHTING CONTROL</b>													
47			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36
48			Single Pole Switch	EA	15	0%	15	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 556.35
<b>MISCELLANEOUS</b>													
49			Junction Box	EA	36	0%	36	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,747.38
												<b>SUBTOTAL \$ 109,621</b>	
<b>COMMUNICATION</b>													
<b>LOW VOLTAGE</b>													
<b>CONDUIT</b>													
50			1/2" EMT Conduit	LF	192	10%	212	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 761.40
<b>CONDUCTOR</b>													
51			#18 CU THHN/THWN	LF	385	10%	423	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 148.86
<b>DEVICES</b>													
52			Door Holder	EA	3	0%	3	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 386.04
<b>MISCELLANEOUS</b>													
53			Junction Box	EA	3	0%	3	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 235.82
												<b>SUBTOTAL \$ 1,532</b>	
<b>ELECTRONIC SAFETY AND SECURITY</b>													
<b>FIRE ALARM</b>													
<b>CONDUIT</b>													
54			3/4" EMT Conduit	LF	1454	10%	1599	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 7,922.30

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
			<b>CONDUCTOR</b>											
55	E308		#16 CU THHN/THWN	LF	1234	10%	1357	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 491.07	
56			#14 CU THHN/THWN	LF	1674	10%	1841	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 808.34	
				<b>DEVICES</b>										
57				Fan Power And Fire Smoke Damper Status Indicators	EA	1	0%	1	0.386	\$ 46.36	\$ 17.89	\$ 149.00	\$ 166.89	\$ 166.89
58				Cabinet For Handset Pieces Of Fire Fighters Tow Way Communication	EA	1	0%	1	0.543	\$ 46.36	\$ 25.17	\$ 334.00	\$ 359.17	\$ 359.17
59				Fan And Fire Smoke Damper HOA Switches	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 154.03
60				Fire Alarm Addressable Smoke Detector	EA	21	0%	21	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 2,235.84
61				Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	2	0%	2	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 215.35
62				Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,364.75
63				Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
64				Fire Alarm Speaker/Strobe	EA	13	0%	13	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,375.38
65				Fire Alarm Strobe	EA	13	0%	13	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 1,369.09
66				Fire Alarm System Control Relay For Interface With Distributed Antenna System	EA	1	0%	1	0.613	\$ 46.36	\$ 28.42	\$ 625.00	\$ 653.42	\$ 653.42
67				Fire Fighter's Smoke Evacuation Graphic Panel	EA	1	0%	1	0.505	\$ 46.36	\$ 23.41	\$ 529.00	\$ 552.41	\$ 552.41
												<b>SUBTOTAL</b>	\$ 24,793	

												<b>PROJECTED COST</b>	\$135,946
<b>OVERHEAD AND PROFIT</b>												15%	\$20,392
<b>INSURANCE</b>												3%	\$4,078
<b>CONTINGENCY</b>												5%	\$6,797
<b>TAX</b>												7%	\$6,794
												<b>SUGGESTED BID</b>	\$174,007

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





**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
61	E308		#16 CU THHN/THWN	LF	1234	10%	1357	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 491.07	
62			#14 CU THHN/THWN	LF	1674	10%	1841	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 808.34	
				<b>DEVICES</b>										
63				Fan Power And Fire Smoke Damper Status Indicators	EA	1	0%	1	0.386	\$ 46.36	\$ 17.89	\$ 149.00	\$ 166.89	\$ 166.89
64				Cabinet For Handset Pieces Of Fire Fighters Tow Way Communication	EA	1	0%	1	0.543	\$ 46.36	\$ 25.17	\$ 334.00	\$ 359.17	\$ 359.17
65				Fan And Fire Smoke Damper HOA Switches	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 154.03
66				Fire Alarm Addressable Smoke Detector	EA	21	0%	21	0.396	\$ 46.36	\$ 18.36	\$ 88.11	\$ 106.47	\$ 2,235.84
67				Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	2	0%	2	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 215.35
68				Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,364.75
69				Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
70				Fire Alarm Speaker/Strobe	EA	13	0%	13	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,375.38
71				Fire Alarm Strobe	EA	13	0%	13	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 1,369.09
72				Fire Alarm System Control Relay For Interface With Distributed Antenna	EA	1	0%	1	0.613	\$ 46.36	\$ 28.42	\$ 625.00	\$ 653.42	\$ 653.42
73				Fire Fighter's Smoke Evacuation Graphic Panel	EA	1	0%	1	0.505	\$ 46.36	\$ 23.41	\$ 529.00	\$ 552.41	\$ 552.41
<b>SUBTOTAL</b>												\$	24,793	

<b>PROJECTED COST</b>												\$135,533	
<b>OVERHEAD AND PROFIT</b>												15%	\$20,330
<b>INSURANCE</b>												3%	\$4,066
<b>CONTINGENCY</b>												5%	\$6,777
<b>TAX</b>												7%	\$6,772
<b>SUGGESTED BID</b>												\$173,478	

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



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
<b>CONDUIT</b>													
1			1-1/2" Flexible Conduit	LF	7	10%	7	0.020	\$ 46.36	\$ 0.93	\$ 2.24	\$ 3.17	\$ 22.99
2			3" Flexible Conduit	LF	8	10%	9	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 139.25
3			2-1/2" EMT Conduit	LF	9	10%	10	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 170.42
<b>CONDUCTOR</b>													
4			#4 AL THHN/THWN	LF	9	10%	10	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 23.43
5			#1/0 CU THHN/THWN	LF	34	10%	38	0.024	\$ 46.36	\$ 1.11	\$ 3.25	\$ 4.36	\$ 163.83
6			#250 KCMIL AL THHN/THWN	LF	35	10%	39	0.027	\$ 46.36	\$ 1.25	\$ 2.62	\$ 3.87	\$ 150.42
7			#500 MCM CU THHN/THWN	LF	31	10%	34	0.050	\$ 46.36	\$ 2.32	\$ 13.85	\$ 16.17	\$ 550.62
<b>LUGS</b>													
8			Compression Lug AL With 1-Hole, #4 AL Wire	EA	2	0%	2	0.110	\$ 46.36	\$ 5.10	\$ 9.24	\$ 14.34	\$ 28.68
9			Heat Shrink Tubing for #4 AL Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 3.20	\$ 5.52	\$ 11.04
10			Compression Lug CU With 1-Hole, #1/0 CU Wire	EA	10	0%	10	0.142	\$ 46.36	\$ 6.58	\$ 17.32	\$ 23.90	\$ 239.03
11			Heat Shrink Tubing for #1/0 CU Wire	EA	10	0%	10	0.100	\$ 46.36	\$ 4.64	\$ 4.50	\$ 9.14	\$ 91.36
12			Compression Lug AL With 1-Hole, #250 KCMIL AL Wire	EA	8	0%	8	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 345.44
13			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	8	0%	8	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 142.18
14			Compression Lug CU With 1-Hole, #500 MCM CU Wire	EA	8	0%	8	0.400	\$ 46.36	\$ 18.54	\$ 32.50	\$ 51.04	\$ 408.35
15			Heat Shrink Tubing for #500 MCM CU Wire	EA	8	0%	8	0.380	\$ 46.36	\$ 17.62	\$ 28.50	\$ 46.12	\$ 368.93
<b>CIRCUIT BREAKER</b>													
16			1P/20A Breaker	EA	11	0%	11	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 641.69
17			1P/30A Breaker	EA	2	0%	2	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 166.67
18			2P/20A Breaker	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 74.04
19			3P/40A Breaker	EA	3	0%	3	0.450	\$ 46.36	\$ 20.86	\$ 175.17	\$ 196.03	\$ 588.10
20			3P/150A Breaker	EA	1	0%	1	0.500	\$ 46.36	\$ 23.18	\$ 499.00	\$ 522.18	\$ 522.18
21			3P/200A Enclosed Circuit Breaker	EA	1	0%	1	0.700	\$ 46.36	\$ 32.45	\$ 574.00	\$ 606.45	\$ 606.45
22			3P/350A MCB	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 945.00	\$ 991.36	\$ 1,982.72
<b>PANEL</b>													
23			Panel FA: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
24			Panel FB: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
25			Panel HF: 200A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
<b>DEVICES</b>													
26			T5: 112.5KVA, 480V - 120/208V Transformer	EA	1	0%	1	18.500	\$ 46.36	\$ 857.66	\$ 11,500.00	\$ 12,357.66	\$ 12,357.66
27			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
<b>DISCONNECT SWITCH</b>													
28			1P/20A Disconnect Switch	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 68.00	\$ 91.18	\$ 182.36
29			1P/30A Disconnect Switch	EA	3	0%	3	0.500	\$ 46.36	\$ 23.18	\$ 97.50	\$ 120.68	\$ 362.04
30			2P/20A Disconnect Switch	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 145.00	\$ 191.36	\$ 191.36
31			3P/40A Disconnect Switch	EA	3	0%	3	1.500	\$ 46.36	\$ 69.54	\$ 250.00	\$ 319.54	\$ 958.62
<b>GROUNDING</b>													
32			Ground Bus Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13
33			#1/0 CU Grounding Conductor	LF	20	10%	22	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 106.98
<b>POWER</b>													
<b>CONDUIT</b>													
34			1/2" EMT Conduit	LF	1318	10%	1449	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,215.81
35			3/4" EMT Conduit	LF	87	10%	96	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 473.37
<b>CONDUCTOR</b>													
36			#12 CU THHN/THWN	LF	2340	10%	2574	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,427.08
37			#10 CU THHN/THWN	LF	1755	10%	1930	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 1,642.61
38			#8 CU THHN/THWN	LF	347	10%	382	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 437.07
<b>DEVICE</b>													
39			Duplex Receptacle	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 177.63
40			Duplex Receptacle, GFCI	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 185.63
41			Quadplex Receptacle	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 56.50	\$ 79.68	\$ 159.36
<b>LIGHTING</b>													
<b>CONDUIT</b>													
42			1/2" EMT Conduit	LF	1405	10%	1546	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,562.25
43			3/4" EMT Conduit	LF	2246	10%	2470	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 12,238.02
<b>CONDUCTOR</b>													
44			#12 CU THHN/THWN	LF	3209	10%	3530	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,957.66
45			#10 CU THHN/THWN	LF	1006	10%	1106	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 941.27
46			#8 CU THHN/THWN	LF	6737	10%	7411	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 8,474.66
<b>LIGHTING FIXTURES</b>													
47			1' x 4' LED Lighting Fixture	EA	62	0%	62	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 11,176.74
48			7" LED Downlight Fixture	EA	72	0%	72	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 16,346.74
49			Emergency Light With Battery Backup	EA	5	0%	5	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 1,289.76
50			Exit Sign light With Battery Backup Mounted: Wall	EA	13	0%	13	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,810.16
51			Exit Sign light Mounted: Ceiling Mounted	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 1,126.66
<b>LIGHTING CONTROL</b>													
52			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36
53			Single Pole Switch	EA	15	0%	15	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 556.35
<b>MISCELLANEOUS</b>													
54			Junction Box	EA	36	0%	36	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,747.38
												SUBTOTAL	\$ 107,769
<b>COMMUNICATION</b>													
<b>LOW VOLTAGE</b>													
<b>CONDUIT</b>													
55			1/2" EMT Conduit	LF	192	10%	212	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 761.40
<b>CONDUCTOR</b>													
56			#18 CU THHN/THWN	LF	385	10%	423	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 148.86
<b>DEVICES</b>													
57			Door Holder	EA	3	0%	3	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 386.04
<b>MISCELLANEOUS</b>													
58			Junction Box	EA	3	0%	3	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 235.82
												SUBTOTAL	\$ 1,532
<b>ELECTRONIC SAFETY AND SECURITY</b>													
<b>FIRE ALARM</b>													
<b>CONDUIT</b>													
59			3/4" EMT Conduit	LF	1454	10%	1599	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 7,922.30
<b>CONDUCTOR</b>													
60			#16 CU THHN/THWN	LF	1234	10%	1357	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 491.07

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical

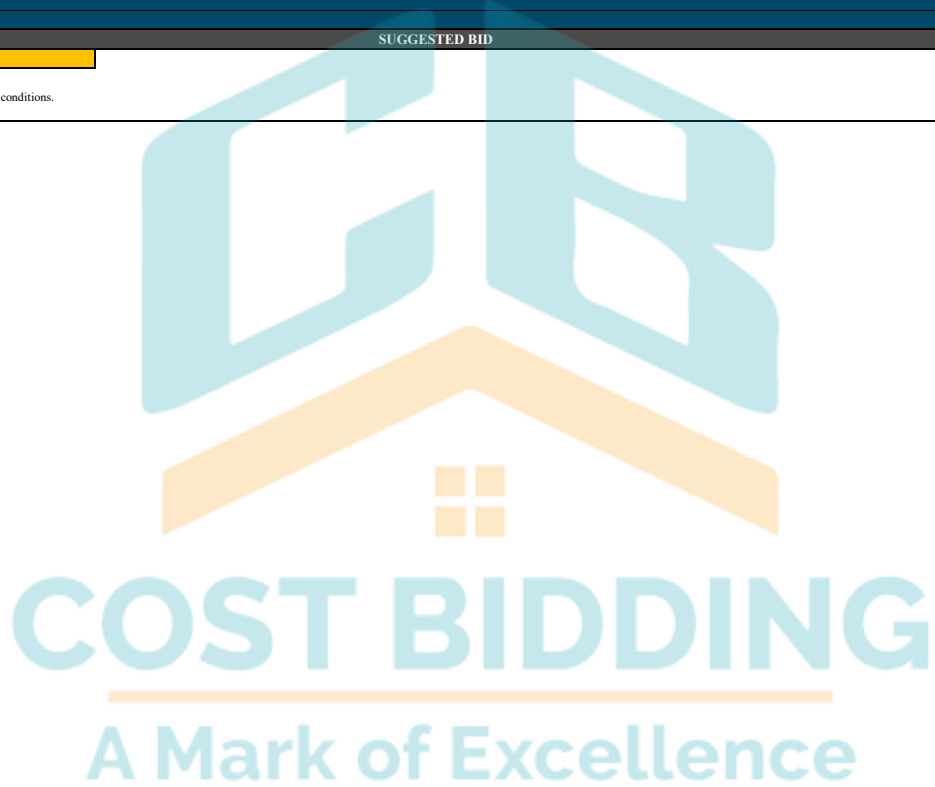


Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
61	E308		#14 CU THHN/THWN	LF	1674	10%	1841	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 808.34
			<b>DEVICES</b>										
62			Fan Power And Fire Smoke Damper Status Indicators	EA	1	0%	1	0.386	\$ 46.36	\$ 17.89	\$ 149.00	\$ 166.89	\$ 166.89
63			Cabinet For Handset Pieces Of Fire Fighters Tow Way Communicatio	EA	1	0%	1	0.543	\$ 46.36	\$ 25.17	\$ 334.00	\$ 359.17	\$ 359.17
64			Fan And Fire Smoke Damper HOA Switches	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 154.03
65			Fire Alarm Addressable Smoke Detector	EA	21	0%	21	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 3,234.55
66			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	2	0%	2	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 215.35
67			Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,364.75
68			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
69			Fire Alarm Speaker/Strobe	EA	13	0%	13	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,375.38
70			Fire Alarm Strobe	EA	13	0%	13	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 1,369.09
71			Fire Alarm System Control Relay For Interface With Distributed Anter	EA	1	0%	1	0.613	\$ 46.36	\$ 28.42	\$ 625.00	\$ 653.42	\$ 653.42
72			Fire Fighter's Smoke Evacuation Graphic Panel	EA	1	0%	1	0.505	\$ 46.36	\$ 23.41	\$ 529.00	\$ 552.41	\$ 552.41
<b>SUBTOTAL</b>												<b>\$ 25,791</b>	

<b>PROJECTED COST</b>												<b>\$135,093</b>	
<b>OVERHEAD AND PROFIT</b>												<b>15%</b>	<b>\$20,264</b>
<b>INSURANCE</b>												<b>3%</b>	<b>\$4,053</b>
<b>CONTINGENCY</b>												<b>5%</b>	<b>\$6,755</b>
<b>TAX</b>												<b>7%</b>	<b>\$6,760</b>
<b>SUGGESTED BID</b>												<b>\$172,924</b>	

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



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
<b>CONDUIT</b>													
1			1-1/2" Flexible Conduit	LF	7	10%	7	0.020	\$ 46.36	\$ 0.93	\$ 2.24	\$ 3.17	\$ 22.99
2			3" Flexible Conduit	LF	8	10%	9	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 139.25
3			2-1/2" EMT Conduit	LF	9	10%	10	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 170.42
<b>CONDUCTOR</b>													
4			#4 AL THHN/THWN	LF	9	10%	10	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 23.43
5			#10 CU THHN/THWN	LF	34	10%	38	0.024	\$ 46.36	\$ 1.11	\$ 3.25	\$ 4.36	\$ 163.83
6			#250 KCMIL AL THHN/THWN	LF	35	10%	39	0.027	\$ 46.36	\$ 1.25	\$ 2.62	\$ 3.87	\$ 150.42
7			#500 MCM CU THHN/THWN	LF	31	10%	34	0.050	\$ 46.36	\$ 2.32	\$ 13.85	\$ 16.17	\$ 550.62
<b>LUGS</b>													
8			Compression Lug AL With 1-Hole , #4 AL Wire	EA	2	0%	2	0.110	\$ 46.36	\$ 5.10	\$ 9.24	\$ 14.34	\$ 28.68
9			Heat Shrink Tubing for #4 AL Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 3.20	\$ 5.52	\$ 11.04
10			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	10	0%	10	0.142	\$ 46.36	\$ 6.58	\$ 17.32	\$ 23.90	\$ 239.03
11			Heat Shrink Tubing for #1/0 CU Wire	EA	10	0%	10	0.100	\$ 46.36	\$ 4.64	\$ 4.50	\$ 9.14	\$ 91.36
12			Compression Lug AL With 1-Hole , #250 KCMIL AL Wire	EA	8	0%	8	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 345.44
13			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	8	0%	8	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 142.18
14			Compression Lug CU With 1-Hole , #500 MCM CU Wire	EA	8	0%	8	0.400	\$ 46.36	\$ 18.54	\$ 32.50	\$ 51.04	\$ 408.35
15			Heat Shrink Tubing for #500 MCM CU Wire	EA	8	0%	8	0.380	\$ 46.36	\$ 17.62	\$ 28.50	\$ 46.12	\$ 368.93
<b>CIRCUIT BREAKER</b>													
16			1P/20A Breaker	EA	11	0%	11	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 641.69
17			1P/30A Breaker	EA	2	0%	2	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 166.67
18			2P/20A Breaker	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 74.04
19			3P/40A Breaker	EA	3	0%	3	0.450	\$ 46.36	\$ 20.86	\$ 175.17	\$ 196.03	\$ 588.10
20			3P/150A Breaker	EA	1	0%	1	0.500	\$ 46.36	\$ 23.18	\$ 499.00	\$ 522.18	\$ 522.18
21			3P/200A Enclosed Circuit Breaker	EA	1	0%	1	0.700	\$ 46.36	\$ 32.45	\$ 374.00	\$ 606.45	\$ 606.45
22			3P/350A MCB	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 945.00	\$ 991.36	\$ 1,982.72
<b>PANEL</b>													
23			Panel GA: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
24			Panel GB: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
25			Panel HG: 200A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
<b>DEVICES</b>													
26			T5: 112.5KVA, 480V - 120/208V Transformer	EA	1	0%	1	18.500	\$ 46.36	\$ 837.66	\$ 11,500.00	\$ 12,337.66	\$ 12,337.66
27			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
<b>DISCONNECT SWITCH</b>													
28	E108 & E201	Rating Assumed From Panel	1P/20A Disconnect Switch	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 68.00	\$ 91.18	\$ 182.36
29			1P/30A Disconnect Switch	EA	3	0%	3	0.500	\$ 46.36	\$ 23.18	\$ 97.50	\$ 120.68	\$ 362.04
30			2P/20A Disconnect Switch	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 145.00	\$ 191.36	\$ 191.36
31			3P/40A Disconnect Switch	EA	3	0%	3	1.500	\$ 46.36	\$ 69.54	\$ 250.00	\$ 319.54	\$ 958.62
<b>GROUNDING</b>													
32			Ground Bus Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13
33			#10 CU Grounding Conductor	LF	20	10%	22	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 106.98
<b>POWER</b>													
<b>CONDUIT</b>													
34			1/2" EMT Conduit	LF	1318	10%	1449	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,215.81
35			3/4" EMT Conduit	LF	87	10%	96	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 473.37
<b>CONDUCTOR</b>													
36			#12 CU THHN/THWN	LF	2340	10%	2574	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,427.08
37			#10 CU THHN/THWN	LF	1755	10%	1930	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 1,642.61
38			#8 CU THHN/THWN	LF	347	10%	382	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 437.07
<b>DEVICE</b>													
39			Duplex Receptacle	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 177.63
40			Duplex Receptacle, GFCI	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 185.63
41			Quadplex Receptacle	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 56.50	\$ 79.68	\$ 159.36
<b>LIGHTING</b>													
<b>CONDUIT</b>													
42			1/2" EMT Conduit	LF	1405	10%	1546	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,562.25
43			3/4" EMT Conduit	LF	2246	10%	2470	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 12,238.02
<b>CONDUCTOR</b>													
44			#12 CU THHN/THWN	LF	3209	10%	3530	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,957.66
45			#10 CU THHN/THWN	LF	1006	10%	1106	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 941.27
46			#8 CU THHN/THWN	LF	6737	10%	7411	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 8,474.66
<b>LIGHTING FIXTURES</b>													
47			1' x 4' LED Lighting Fixture	EA	62	0%	62	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 1,176.74
48			7" LED Downlight Fixture	EA	72	0%	72	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 1,634.74
49			Emergency Light With Battery Backup	EA	5	0%	5	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 1,289.76
50			Exit Sign Light With Battery Backup Mounted: Wall	EA	13	0%	13	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,810.16
51			Exit Sign Light Mounted: Ceiling Mounted	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 1,126.66
<b>LIGHTING CONTROL</b>													
52			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36
53			Single Pole Switch	EA	15	0%	15	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 556.35
<b>MISCELLANEOUS</b>													
54			Junction Box	EA	36	0%	36	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,747.38
												<b>SUBTOTAL</b>	\$ 107,769
<b>COMMUNICATION</b>													
<b>LOW VOLTAGE</b>													
<b>CONDUIT</b>													
55			1/2" EMT Conduit	LF	192	10%	212	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 761.40
<b>CONDUCTOR</b>													
56			#18 CU THHN/THWN	LF	385	10%	423	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 148.86
<b>DEVICES</b>													
57			Door Holder	EA	3	0%	3	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 386.04
<b>MISCELLANEOUS</b>													
58			Junction Box	EA	3	0%	3	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 235.82
												<b>SUBTOTAL</b>	\$ 1,532
<b>ELECTRONIC SAFETY AND SECURITY</b>													
<b>FIRE ALARM</b>													
<b>CONDUIT</b>													
59			3/4" EMT Conduit	LF	1454	10%	1599	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 7,922.30
<b>CONDUCTOR</b>													
60			#16 CU THHN/THWN	LF	1234	10%	1357	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 491.07

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
61	E308		#14 CU THHN/THWN	LF	1674	10%	1841	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 808.34
			<b>DEVICES</b>										
62			Fan Power And Fire Smoke Damper Status Indicators	EA	1	0%	1	0.386	\$ 46.36	\$ 17.89	\$ 149.00	\$ 166.89	\$ 166.89
63			Cabinet For Handset Pieces Of Fire Fighters Tow Way Communicatio	EA	1	0%	1	0.543	\$ 46.36	\$ 25.17	\$ 334.00	\$ 359.17	\$ 359.17
64			Fan And Fire Smoke Damper HOA Switches	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 154.03
65			Fire Alarm Addressable Smoke Detector	EA	21	0%	21	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 3,234.55
66			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	2	0%	2	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 215.35
67			Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,364.75
68			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
69			Fire Alarm Speaker/Strobe	EA	13	0%	13	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,375.38
70			Fire Alarm Strobe	EA	13	0%	13	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 1,369.09
71			Fire Alarm System Control Relay For Interface With Distributed Ant	EA	1	0%	1	0.613	\$ 46.36	\$ 28.42	\$ 625.00	\$ 653.42	\$ 653.42
72			Fire Fighter's Smoke Evacuation Graphic Panel	EA	1	0%	1	0.505	\$ 46.36	\$ 23.41	\$ 529.00	\$ 552.41	\$ 552.41
<b>SUBTOTAL</b>												<b>\$ 25,791</b>	

<b>PROJECTED COST</b>												<b>\$135,093</b>	
<b>OVERHEAD AND PROFIT</b>												<b>15%</b>	<b>\$20,264</b>
<b>INSURANCE</b>												<b>3%</b>	<b>\$4,053</b>
<b>CONTINGENCY</b>												<b>5%</b>	<b>\$6,785</b>
<b>TAX</b>												<b>7%</b>	<b>\$6,760</b>
<b>SUGGESTED BID</b>												<b>\$172,924</b>	



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>CONDUIT</b>										
1			1-1/2" Flexible Conduit	LF	7	10%	7	0.020	\$ 46.36	\$ 0.93	\$ 2.24	\$ 3.17	\$ 22.99
2			3" Flexible Conduit	LF	8	10%	9	0.100	\$ 46.36	\$ 4.64	\$ 11.72	\$ 16.36	\$ 139.25
3			2-1/2" EMT Conduit	LF	9	10%	10	0.133	\$ 46.36	\$ 6.17	\$ 11.38	\$ 17.55	\$ 170.42
			<b>CONDUCTOR</b>										
4			#4 AL THHN/THWN	LF	9	10%	10	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 23.43
5			#10 CU THHN/THWN	LF	34	10%	38	0.024	\$ 46.36	\$ 1.11	\$ 3.25	\$ 4.36	\$ 163.83
6			#250 KCMIL AL THHN/THWN	LF	35	10%	39	0.027	\$ 46.36	\$ 1.25	\$ 2.62	\$ 3.87	\$ 150.42
7			#500 MCM CU THHN/THWN	LF	31	10%	34	0.050	\$ 46.36	\$ 2.32	\$ 13.85	\$ 16.17	\$ 550.62
			<b>LUGS</b>										
8			Compression Lug AL With 1-Hole, #4 AL Wire	EA	2	0%	2	0.110	\$ 46.36	\$ 5.10	\$ 9.24	\$ 14.34	\$ 28.68
9			Heat Shrink Tubing for #4 AL Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 3.20	\$ 5.52	\$ 11.04
10			Compression Lug CU With 1-Hole, #1/0 CU Wire	EA	10	0%	10	0.142	\$ 46.36	\$ 6.58	\$ 17.32	\$ 23.90	\$ 239.03
11			Heat Shrink Tubing for #1/0 CU Wire	EA	10	0%	10	0.100	\$ 46.36	\$ 4.64	\$ 4.50	\$ 9.14	\$ 91.36
12			Compression Lug AL With 1-Hole, #250 KCMIL AL Wire	EA	8	0%	8	0.250	\$ 46.36	\$ 11.59	\$ 31.59	\$ 43.18	\$ 345.44
13			Heat Shrink Tubing for #250 KCMIL AL Wire	EA	8	0%	8	0.200	\$ 46.36	\$ 9.27	\$ 8.50	\$ 17.77	\$ 142.18
14			Compression Lug CU With 1-Hole, #500 MCM CU Wire	EA	8	0%	8	0.400	\$ 46.36	\$ 18.54	\$ 32.50	\$ 51.04	\$ 408.35
15			Heat Shrink Tubing for #500 MCM CU Wire	EA	8	0%	8	0.380	\$ 46.36	\$ 17.62	\$ 28.50	\$ 46.12	\$ 368.93
			<b>CIRCUIT BREAKER</b>										
16			1P/20A Breaker	EA	11	0%	11	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 641.69
17			1P/30A Breaker	EA	2	0%	2	0.320	\$ 46.36	\$ 14.84	\$ 68.50	\$ 83.34	\$ 166.67
18			2P/20A Breaker	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 74.04
19			3P/40A Breaker	EA	3	0%	3	0.450	\$ 46.36	\$ 20.86	\$ 175.17	\$ 196.03	\$ 588.10
20			3P/200A Enclosed Circuit Breaker	EA	1	0%	1	0.700	\$ 46.36	\$ 32.45	\$ 574.00	\$ 606.45	\$ 606.45
21			3P/350A MCB	EA	2	0%	2	1.000	\$ 46.36	\$ 46.36	\$ 945.00	\$ 991.36	\$ 1,982.72
			<b>PANEL</b>										
22			Panel HJ: 200A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
23			Panel JA: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
24			Panel JB: 400A, 120/208V, 3PH, 4W, Mains: MCB, 10KAIC, Mains: MCB, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.800	\$ 46.36	\$ 268.89	\$ 4,500.00	\$ 4,768.89	\$ 4,768.89
			<b>DEVICES</b>										
25			T5: 112.5KVA, 480V - 120/208V Transformer	EA	1	0%	1	18.500	\$ 46.36	\$ 857.66	\$ 11,500.00	\$ 12,357.66	\$ 12,357.66
26			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
			<b>DISCONNECT SWITCH</b>										
27			1P/20A Disconnect Switch	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 68.00	\$ 91.18	\$ 182.36
28			1P/30A Disconnect Switch	EA	3	0%	3	0.500	\$ 46.36	\$ 23.18	\$ 97.50	\$ 120.68	\$ 362.04
29			2P/20A Disconnect Switch	EA	1	0%	1	1.000	\$ 46.36	\$ 46.36	\$ 145.00	\$ 191.36	\$ 191.36
30			3P/40A Disconnect Switch	EA	3	0%	3	1.500	\$ 46.36	\$ 69.54	\$ 250.00	\$ 319.54	\$ 958.62
			<b>GROUNDING</b>										
31			Ground Bus Bar	EA	1	0%	1	1.200	\$ 46.36	\$ 55.63	\$ 64.50	\$ 120.13	\$ 120.13
32			#10 CU Grounding Conductor	LF	20	10%	22	0.024	\$ 46.36	\$ 1.11	\$ 3.75	\$ 4.86	\$ 106.98
			<b>POWER</b>										
			<b>CONDUIT</b>										
33			1/2" EMT Conduit	LF	1318	10%	1449	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,215.81
34			3/4" EMT Conduit	LF	87	10%	96	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 473.37
			<b>CONDUCTOR</b>										
35			#12 CU THHN/THWN	LF	2340	10%	2574	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,427.08
36			#10 CU THHN/THWN	LF	1755	10%	1930	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 1,642.61
37			#8 CU THHN/THWN	LF	347	10%	382	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 437.07
			<b>DEVICE</b>										
38			Duplex Receptacle	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 177.63
39			Duplex Receptacle, GFCI	EA	4	0%	4	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 185.63
40			Quadplex Receptacle	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 56.50	\$ 79.68	\$ 159.36
			<b>LIGHTING</b>										
			<b>CONDUIT</b>										
41			1/2" EMT Conduit	LF	1405	10%	1546	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 5,562.25
42			3/4" EMT Conduit	LF	2246	10%	2470	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 12,238.02
			<b>CONDUCTOR</b>										
43			#12 CU THHN/THWN	LF	3209	10%	3530	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,957.66
44			#10 CU THHN/THWN	LF	1006	10%	1106	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 941.27
45			#8 CU THHN/THWN	LF	6737	10%	7411	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 8,474.66
			<b>LIGHTING FIXTURES</b>										
46			1' x 4' LED Lighting Fixture	EA	62	0%	62	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 11,176.74
47			7' LED Downlight Fixture	EA	72	0%	72	0.800	\$ 46.36	\$ 37.09	\$ 189.95	\$ 227.04	\$ 16,346.74
48			Emergency Light With Battery Backup	EA	5	0%	5	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 1,289.76
49			Exit Sign Light With Battery Backup Mounted: Wall	EA	13	0%	13	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 1,810.16
50			Exit Sign Light Mounted: Ceiling Mounted	EA	7	0%	7	0.700	\$ 46.36	\$ 32.45	\$ 128.50	\$ 160.95	\$ 1,126.66
			<b>LIGHTING CONTROL</b>										
51			Occupancy Sensor, GREENGATE Model #PIR1500	EA	2	0%	2	0.500	\$ 46.36	\$ 23.18	\$ 120.00	\$ 143.18	\$ 286.36
52			Single Pole Switch	EA	15	0%	15	0.250	\$ 46.36	\$ 11.59	\$ 25.50	\$ 37.09	\$ 556.35
			<b>MISCELLANEOUS</b>										
53			Junction Box	EA	36	0%	36	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 2,747.38
<b>SUBTOTAL</b>												<b>\$ 107,247</b>	
<b>COMMUNICATION</b>													
			<b>LOW VOLTAGE</b>										
			<b>CONDUIT</b>										
54			1/2" EMT Conduit	LF	192	10%	212	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 761.40
			<b>CONDUCTOR</b>										
55			#18 CU THHN/THWN	LF	385	10%	423	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 148.86
			<b>DEVICES</b>										
56			Door Holder	EA	3	0%	3	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 386.04
			<b>MISCELLANEOUS</b>										
57			Junction Box	EA	3	0%	3	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 235.82
<b>SUBTOTAL</b>												<b>\$ 1,532</b>	
<b>ELECTRONIC SAFETY AND SECURITY</b>													
			<b>FIRE ALARM</b>										
			<b>CONDUIT</b>										
58			3/4" EMT Conduit	LF	1454	10%	1599	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 7,922.30
			<b>CONDUCTOR</b>										
59			#16 CU THHN/THWN	LF	1234	10%	1357	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 491.07
60			#14 CU THHN/THWN	LF	1674	10%	1841	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 808.34

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>DEVICES</b>													
61	E308		Fan Power And Fire Smoke Damper Status Indicators	EA	1	0%	1	0.386	\$ 46.36	\$ 17.89	\$ 149.00	\$ 166.89	\$ 166.89
62			Cabinet For Handset Pieces Of Fire Fighters Tow Way Communicatio	EA	1	0%	1	0.543	\$ 46.36	\$ 25.17	\$ 334.00	\$ 359.17	\$ 359.17
63			Fan And Fire Smoke Damper HOA Switches	EA	1	0%	1	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 154.03
64			Fire Alarm Addressable Smoke Detector	EA	21	0%	21	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 3,234.55
65			Fire Alarm Addressable Smoke Detector For Elevator Recall	EA	2	0%	2	0.422	\$ 46.36	\$ 19.56	\$ 88.11	\$ 107.67	\$ 215.35
66			Fire Alarm Fire/Smoke Damper	EA	13	0%	13	0.700	\$ 46.36	\$ 32.45	\$ 610.99	\$ 643.44	\$ 8,364.75
67			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
68			Fire Alarm Speaker/Strobe	EA	13	0%	13	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 1,375.38
69			Fire Alarm Strobe	EA	13	0%	13	0.419	\$ 46.36	\$ 19.42	\$ 85.89	\$ 105.31	\$ 1,369.09
70			Fire Alarm System Control Relay For Interface With Distributed Anter	EA	1	0%	1	0.613	\$ 46.36	\$ 28.42	\$ 625.00	\$ 653.42	\$ 653.42
71			Fire Fighter's Smoke Evacuation Graphic Panel	EA	1	0%	1	0.505	\$ 46.36	\$ 23.41	\$ 529.00	\$ 552.41	\$ 552.41
<b>SUBTOTAL \$</b>												<b>25,791</b>	

<b>PROJECTED COST</b>												<b>\$134,570</b>	
<b>OVERHEAD AND PROFIT</b>												<b>15%</b>	<b>\$20,186</b>
<b>INSURANCE</b>												<b>3%</b>	<b>\$4,037</b>
<b>CONTINGENCY</b>												<b>5%</b>	<b>\$6,729</b>
<b>TAX</b>												<b>7%</b>	<b>\$6,725</b>
<b>SUGGESTED BID</b>												<b>\$172,247</b>	



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
<b>CONDUIT</b>													
1			1" Flexible Conduit	LF	10	10%	11	0.020	\$ 46.36	\$ 0.93	\$ 2.24	\$ 3.17	\$ 34.49
2			1-1/2" Flexible Conduit	LF	10	10%	11	0.024	\$ 46.36	\$ 1.11	\$ 3.31	\$ 4.42	\$ 47.92
<b>CONDUCTOR</b>													
3			#10 CU THHN/THWN	LF	10	10%	11	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 9.27
4			#6 CU THHN/THWN	LF	40	10%	44	0.012	\$ 46.36	\$ 0.56	\$ 1.06	\$ 1.62	\$ 70.34
5			#1/0 CU THHN/THWN	LF	39	10%	43	0.024	\$ 46.36	\$ 1.11	\$ 3.45	\$ 4.56	\$ 197.95
<b>LUGS</b>													
6			Compression Lug CU With 1-Hole, #6 CU Wire	EA	2	0%	2	0.100	\$ 46.36	\$ 4.64	\$ 7.76	\$ 12.40	\$ 24.79
7			Heat Shrink Tubing for #6 CU Wire	EA	2	0%	2	0.050	\$ 46.36	\$ 2.32	\$ 2.80	\$ 5.12	\$ 10.24
8			Compression Lug CU With 1-Hole, #1/0 CU Wire	EA	8	0%	8	0.142	\$ 46.36	\$ 6.58	\$ 17.32	\$ 23.90	\$ 191.22
9			Heat Shrink Tubing for #1/0 CU Wire	EA	8	0%	8	0.100	\$ 46.36	\$ 4.64	\$ 4.50	\$ 9.14	\$ 73.09
<b>CIRCUIT BREAKER</b>													
10			1P/20A Breaker	EA	29	0%	29	0.320	\$ 46.36	\$ 14.84	\$ 43.50	\$ 58.34	\$ 1,691.72
11			1P/25A Breaker	EA	3	0%	3	0.320	\$ 46.36	\$ 14.84	\$ 48.50	\$ 63.34	\$ 190.01
12			2P/20A Breaker	EA	1	0%	1	0.400	\$ 46.36	\$ 18.54	\$ 55.50	\$ 74.04	\$ 74.04
13			3P/20A Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 128.67	\$ 149.53	\$ 149.53
14			3P/25A Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 142.50	\$ 163.36	\$ 163.36
15			3P/60A Breaker	EA	1	0%	1	0.450	\$ 46.36	\$ 20.86	\$ 225.00	\$ 245.86	\$ 245.86
16			3P/70A Breaker	EA	3	0%	3	0.450	\$ 46.36	\$ 20.86	\$ 298.50	\$ 319.36	\$ 958.09
17			3P/90A Breaker	EA	7	0%	7	0.450	\$ 46.36	\$ 20.86	\$ 366.00	\$ 386.86	\$ 2,708.03
18			3P/100A Breaker	EA	4	0%	4	0.450	\$ 46.36	\$ 20.86	\$ 366.00	\$ 386.86	\$ 1,547.45
19			3P/125A Breaker	EA	2	0%	2	0.450	\$ 46.36	\$ 20.86	\$ 420.00	\$ 440.86	\$ 881.72
20			3P/200A Breaker	EA	1	0%	1	0.560	\$ 46.36	\$ 25.96	\$ 625.50	\$ 651.46	\$ 651.46
<b>PANEL</b>													
21			Panel EHL- 600A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	4.500	\$ 46.36	\$ 208.62	\$ 3,150.00	\$ 3,358.62	\$ 3,358.62
22			Panel EHR- 200A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.500	\$ 46.36	\$ 162.26	\$ 1,850.00	\$ 2,012.26	\$ 2,012.26
23			Panel ER- 150A, 120/208V, 3PH, 4W, 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	3.200	\$ 46.36	\$ 148.35	\$ 850.00	\$ 998.35	\$ 998.35
24			Panel HR- 800A, 277/480V, 3PH, 4W 10KAIC, 42 Poles, Surface Mounted, SIEMENS	EA	1	0%	1	5.200	\$ 46.36	\$ 241.07	\$ 6,500.00	\$ 6,741.07	\$ 6,741.07
<b>DEVICES</b>													
25			T3- 45KVA, 480V - 120/208V Transformer	EA	1	0%	1	12.500	\$ 46.36	\$ 579.50	\$ 8,550.00	\$ 9,129.50	\$ 9,129.50
26			Transformer Pad	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 200.00	\$ 269.54	\$ 269.54
27			Variable Frequency Drive	EA	4	0%	4	3.500	\$ 46.36	\$ 162.26	\$ 3,250.00	\$ 3,412.26	\$ 13,649.04
<b>DISCONNECT SWITCH</b>													
28			1P/20A With 15A Fused Disconnect Switch	EA	14	0%	14	0.500	\$ 46.36	\$ 23.18	\$ 116.00	\$ 139.18	\$ 1,948.52
29			3P/70A Disconnect Switch	EA	2	0%	2	1.500	\$ 46.36	\$ 69.54	\$ 385.00	\$ 454.54	\$ 909.08
30			3P/90A With RKS Fused Disconnect Switch	EA	7	0%	7	1.850	\$ 46.36	\$ 85.77	\$ 411.00	\$ 496.77	\$ 3,477.36
31			3P/100A Disconnect Switch	EA	4	0%	4	2.000	\$ 46.36	\$ 92.72	\$ 398.00	\$ 490.72	\$ 1,962.88
32			3P/125A Disconnect Switch	EA	2	0%	2	2.250	\$ 46.36	\$ 104.31	\$ 450.00	\$ 554.31	\$ 1,108.62
<b>POWER</b>													
<b>CONDUIT</b>													
33			1/2" EMT Conduit	LF	887	10%	975	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 3,510.00
34			1" EMT Conduit	LF	75	10%	83	0.070	\$ 46.36	\$ 3.25	\$ 3.55	\$ 6.80	\$ 562.02
35			1-1/2" EMT Conduit	LF	233	10%	256	0.089	\$ 46.36	\$ 4.13	\$ 7.40	\$ 11.53	\$ 2,948.55
36			1/2" RGS Conduit	LF	40	10%	44	0.047	\$ 46.36	\$ 2.18	\$ 3.50	\$ 5.68	\$ 249.87
37			1" RGS Conduit	LF	15	10%	17	0.070	\$ 46.36	\$ 3.25	\$ 4.80	\$ 8.05	\$ 132.75
38			1-1/2" RGS Conduit	LF	176	10%	194	0.089	\$ 46.36	\$ 4.13	\$ 8.10	\$ 12.23	\$ 2,373.55
<b>CONDUCTOR</b>													
39			#12 CU THHN/THWN	LF	2660	10%	2926	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,622.46
40			#10 CU THHN/THWN	LF	75	10%	83	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 70.38
41			#8 CU THHN/THWN	LF	409	10%	450	0.010	\$ 46.36	\$ 0.46	\$ 0.68	\$ 1.14	\$ 514.57
42			#4 CU THHN/THWN	LF	301	10%	331	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 797.90
43			#3 CU THHN/THWN	LF	930	10%	1023	0.020	\$ 46.36	\$ 0.93	\$ 1.82	\$ 2.75	\$ 2,811.11
44			#1 CU THHN/THWN	LF	706	10%	777	0.020	\$ 46.36	\$ 0.93	\$ 2.87	\$ 3.80	\$ 2,948.74
<b>DEVICE</b>													
45			Duplex Receptacle	EA	1	0%	1	0.300	\$ 46.36	\$ 13.91	\$ 30.50	\$ 44.41	\$ 44.41
46			Duplex Receptacle, GFCI	EA	5	0%	5	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 232.04
47			Duplex Receptacle, GFCI, WP	EA	4	0%	4	0.320	\$ 46.36	\$ 14.84	\$ 35.50	\$ 50.34	\$ 201.34
48			Quadplex Receptacle	EA	1	0%	1	0.500	\$ 46.36	\$ 23.18	\$ 56.50	\$ 79.68	\$ 79.68
<b>LIGHTING</b>													
49			1/2" EMT Conduit	LF	964	10%	1061	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 3,817.36
<b>CONDUCTOR</b>													
50			#12 CU THHN/THWN	LF	2893	10%	3182	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 1,764.53
<b>LIGHTING FIXTURES</b>													
51			1' x 4' LED Lighting Fixture	EA	9	0%	9	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 1,622.43
52			4' LED Lighting Fixture	EA	6	0%	6	0.750	\$ 46.36	\$ 34.77	\$ 145.50	\$ 180.27	\$ 1,081.62
53			6" LED Downlight Fixture	EA	11	0%	11	0.720	\$ 46.36	\$ 33.38	\$ 72.50	\$ 105.88	\$ 1,164.67
54			8" x 8" LED Lighting Fixture	EA	26	0%	26	0.800	\$ 46.36	\$ 37.09	\$ 167.40	\$ 204.49	\$ 5,316.69
55			Emergency Light With Battery Backup	EA	2	0%	2	0.700	\$ 46.36	\$ 32.45	\$ 225.50	\$ 257.95	\$ 515.90
56			Exit Sign light With Battery Backup	EA	2	0%	2	0.620	\$ 46.36	\$ 28.74	\$ 110.50	\$ 139.24	\$ 278.49
<b>LIGHTING CONTROL</b>													
57			Toggle Switch	EA	10	0%	10	0.250	\$ 46.36	\$ 11.59	\$ 14.50	\$ 26.09	\$ 260.90
<b>MISCELLANEOUS</b>													
58			Junction Box	EA	1	0%	1	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 76.32
												<b>SUBTOTAL \$ 90,484</b>	
<b>COMMUNICATION</b>													
<b>LOW VOLTAGE</b>													
<b>CONDUIT</b>													
59			1/2" EMT Conduit	LF	100	10%	110	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 396.71
<b>CONDUCTOR</b>													
60			#18 CU THHN/THWN	LF	200	10%	220	0.005	\$ 46.36	\$ 0.23	\$ 0.12	\$ 0.35	\$ 77.56
<b>DEVICES</b>													
61			Door Holder	EA	3	0%	3	0.423	\$ 46.36	\$ 19.61	\$ 109.07	\$ 128.68	\$ 386.04
<b>MISCELLANEOUS</b>													
62			Junction Box	EA	3	0%	3	0.520	\$ 46.36	\$ 24.11	\$ 54.50	\$ 78.61	\$ 235.82
												<b>SUBTOTAL \$ 1,096</b>	
<b>ELECTRONIC SAFETY AND SECURITY</b>													
<b>FIRE ALARM</b>													

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			<b>CONDUIT</b>										
63			3/4" EMT Conduit	LF	411	10%	452	0.062	\$ 46.36	\$ 2.87	\$ 2.08	\$ 4.95	\$ 2,239.19
			<b>CONDUCTOR</b>										
64			#16 CU THHN/THWN	LF	413	10%	454	0.005	\$ 46.36	\$ 0.23	\$ 0.13	\$ 0.36	\$ 164.29
65			#14 CU THHN/THWN	LF	409	10%	450	0.006	\$ 46.36	\$ 0.29	\$ 0.15	\$ 0.44	\$ 197.54
			<b>DEVICES</b>										
66	E309		Fire Alarm Addressable Smoke Detector	EA	10	0%	10	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 1,540.26
67			Fire Alarm Manual Pull Station	EA	2	0%	2	0.428	\$ 46.36	\$ 19.84	\$ 42.49	\$ 62.33	\$ 124.66
68			Fire Alarm Speaker/Strobe	EA	3	0%	3	0.385	\$ 46.36	\$ 17.85	\$ 87.95	\$ 105.80	\$ 317.40
69			Fire Alarm Speaker/Strobe, WP	EA	3	0%	3	0.385	\$ 46.36	\$ 17.85	\$ 125.98	\$ 143.83	\$ 431.49
70			Fire Alarm Strobe, WP	EA	3	0%	3	0.419	\$ 46.36	\$ 19.42	\$ 150.64	\$ 170.06	\$ 510.19
71			Fire Alarm Addressable Heat Detector	EA	7	0%	7	0.350	\$ 46.36	\$ 16.23	\$ 137.80	\$ 154.03	\$ 1,078.18
72			Fire Alarm Panel With Voice Communication And Tow-Way Fire DE	EA	1	0%	1	2.500	\$ 46.36	\$ 115.90	\$ 1,344.00	\$ 1,459.90	\$ 1,459.90
<b>SUBTOTAL \$</b>												<b>8,063</b>	
<b>PROJECTED COST</b>												<b>\$99,643</b>	
<b>OVERHEAD AND PROFIT</b>												<b>15%</b>	<b>\$14,946</b>
<b>INSURANCE</b>												<b>3%</b>	<b>\$2,989</b>
<b>CONTINGENCY</b>												<b>5%</b>	<b>\$4,982</b>
<b>TAX</b>												<b>7%</b>	<b>\$5,540</b>
<b>SUGGESTED BID</b>													<b>\$128,101</b>



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Canal Park West Tower, 3227 North Miami Beach, FL 33160  
 Project ID: 0  
 Scope: Electrical



Date: 05/14/25

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
			<b>DISCONNECT SWITCH</b>										
1		Rating Assumed	3P/25A Disconnect Switch	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 165.00	\$ 234.54	\$ 234.54
2		From Panel	3P/70A Disconnect Switch	EA	1	0%	1	1.500	\$ 46.36	\$ 69.54	\$ 385.00	\$ 454.54	\$ 454.54
<b>POWER</b>													
<b>CONDUIT</b>													
3			1/2" EMT Conduit	LF	513	10%	564	0.047	\$ 46.36	\$ 2.18	\$ 1.42	\$ 3.60	\$ 2,028.89
4			1" EMT Conduit	LF	50	10%	55	0.070	\$ 46.36	\$ 3.25	\$ 3.55	\$ 6.80	\$ 372.02
5			1/2" RGS Conduit	LF	25	10%	28	0.047	\$ 46.36	\$ 2.18	\$ 3.50	\$ 5.68	\$ 156.17
6			1" RGS Conduit	LF	10	10%	11	0.070	\$ 46.36	\$ 3.25	\$ 4.80	\$ 8.05	\$ 88.50
<b>CONDUCTOR</b>													
7			#12 CU THHN/THWN	LF	1538	10%	1691	0.007	\$ 46.36	\$ 0.32	\$ 0.23	\$ 0.55	\$ 937.83
8			#10 CU THHN/THWN	LF	50	10%	55	0.008	\$ 46.36	\$ 0.37	\$ 0.48	\$ 0.85	\$ 46.58
9			#4 CU THHN/THWN	LF	199	10%	219	0.016	\$ 46.36	\$ 0.74	\$ 1.67	\$ 2.41	\$ 528.15
<b>DEVICE</b>													
10			Duplex Receptacle, GFCI	EA	2	0%	2	0.300	\$ 46.36	\$ 13.91	\$ 32.50	\$ 46.41	\$ 92.82
11			Toggle Switch	EA	5	0%	5	0.250	\$ 46.36	\$ 11.59	\$ 14.50	\$ 26.09	\$ 130.45
<b>MISCELLANEOUS</b>													
12			Junction Box	EA	5	0%	5	0.600	\$ 46.36	\$ 27.82	\$ 48.50	\$ 76.32	\$ 381.58
												<b>SUBTOTAL \$</b>	<b>5,452</b>
												<b>PROJECTED COST</b>	<b>\$5,452</b>
<b>OVERHEAD AND PROFIT</b>												15%	<b>\$818</b>
<b>INSURANCE</b>												3%	<b>\$164</b>
<b>CONTINGENCY</b>												5%	<b>\$273</b>
<b>TAX</b>												7%	<b>\$200</b>
<b>SUGGESTED BID</b>													<b>\$6,906</b>

