

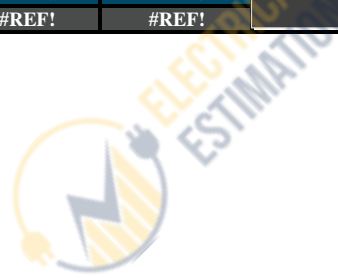
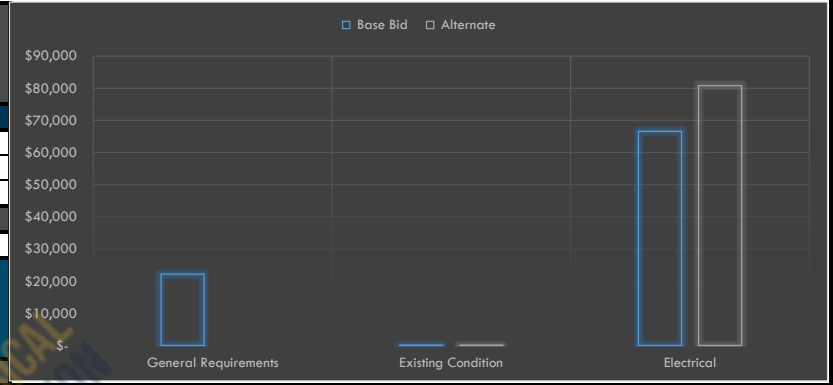
## GENERAL SUMMARY

**Prepared for:** Restaurant, Florida 34747  
**Project ID:**  
**Scope:** Electrical  
**No. Of Floors:** 1  
**Date:** 8-Dec-23



**BUILDING GSF** 5,555  
**1st Floor (SF)** 3350  
**Roof (SF)** 2205

		Base Bid	Alternate
DIVISION NO	DESCRIPTION		
1000	General Requirements	\$ 22,200	\$ -
2000	Existing Condition	\$ 55	\$ 55
26000	Electrical	\$ 66,629	\$ 80,810
<b>TOTAL TRADE COST</b>		<b>\$ 88,884</b>	<b>\$ 80,865</b>
<b>OVERHEAD AND PROFIT</b>			
	15%	\$ 13,333	\$ 12,130
	INSURANCE 3%	\$ 2,667	\$ 2,426
	CONTINGENCY 5%	\$ 4,444	\$ 4,043
	TAX 7.5%	#REF!	#REF!
<b>SUGGESTED BID</b>		<b>#REF!</b>	<b>#REF!</b>



**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Restaurant, Florida 34747  
 Project ID:  
 Scope: Electrical



Date: 8-Dec-23

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	\$ -	\$ -	\$ -	\$ 9,500.00	\$ 9,500.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 2,200.00	\$ 2,200.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
												<b>SUBTOTAL</b>	\$ 22,200
<b>EXISTING CONDITIONS</b>													
<b>DEMOLITION</b>													
8	D-1		Existing Light Pole To Be Removed	EA	1	0%	1	0.785	\$ 70.00	\$ 54.95	\$ -	\$ 54.95	\$ 54.95
												<b>SUBTOTAL</b>	\$ 55
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
<b>DISCONNECT SWITCH</b>													
9		Provided by Owner, Installed by GC	2P/30A Non Fused Disconnect Switch, NEMA 3R	EA	3	0%	3	0.420	\$ 44.00	\$ 18.48	\$ -	\$ 18.48	\$ 55.44
10			3P/30A Non Fused Disconnect Switch, NEMA 3R	EA	1	0%	1	0.520	\$ 44.00	\$ 22.88	\$ -	\$ 22.88	\$ 22.88
<b>GROUNDING</b>													
11		Length Assumed	#6 CU Grounding Conductor	LF	10	10%	11	0.016	\$ 44.00	\$ 0.70	\$ 1.25	\$ 1.95	\$ 21.49
<b>POWER</b>													
<b>CONDUIT</b>													
12			3/4" EMT Conduit	LF	4602	10%	5062	0.062	\$ 44.00	\$ 2.73	\$ 1.86	\$ 4.59	\$ 23,226.28
13			1" EMT Conduit	LF	114	10%	126	0.070	\$ 44.00	\$ 3.08	\$ 3.15	\$ 6.23	\$ 784.39
14			3/4" RGS Conduit	LF	75	10%	83	0.062	\$ 44.00	\$ 2.73	\$ 3.01	\$ 5.74	\$ 473.39
15			1" RGS Conduit	LF	15	10%	17	0.070	\$ 44.00	\$ 3.08	\$ 5.45	\$ 8.53	\$ 140.75
<b>CONDUCTOR</b>													
16			#12 CU THHN/THWN	LF	13997	10%	15396	0.009	\$ 44.00	\$ 0.40	\$ 0.23	\$ 0.63	\$ 9,638.01
17			#10 CU THHN/THWN	LF	361	10%	397	0.010	\$ 44.00	\$ 0.44	\$ 0.45	\$ 0.89	\$ 353.04
18			#6 CU THHN/THWN	LF	282	10%	310	0.012	\$ 44.00	\$ 0.53	\$ 0.95	\$ 1.48	\$ 458.52
19			#4 CU THHN/THWN	LF	107	10%	117	0.014	\$ 44.00	\$ 0.62	\$ 1.32	\$ 1.94	\$ 226.87
<b>DEVICE</b>													
20			20A Special Purpose Receptacle	EA	2	0%	2	0.320	\$ 44.00	\$ 14.08	\$ 24.35	\$ 38.43	\$ 76.86
21			Double Duplex Receptacle With Isolated Ground, HUBBELL #IG5362, NEMA 5-20R	EA	6	0%	6	0.350	\$ 44.00	\$ 15.40	\$ 43.87	\$ 59.27	\$ 355.62
22			Double Duplex Receptacle, HUBBELL #HBL5362, NEMA 5-20R	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ 33.86	\$ 49.26	\$ 246.30
23			Double Duplex Receptacle, NEMA 5-20R	EA	1	0%	1	0.350	\$ 44.00	\$ 15.40	\$ 33.86	\$ 49.26	\$ 49.26
24			Duplex Receptacle With Above Counter, Tamper Resistant, NEMA 5-20R	EA	8	0%	8	0.320	\$ 44.00	\$ 14.08	\$ 28.50	\$ 42.58	\$ 340.64
25			Duplex Receptacle, GFCI, NEMA 5-20R	EA	2	0%	2	0.320	\$ 44.00	\$ 14.08	\$ 28.50	\$ 42.58	\$ 85.16
26			Duplex Receptacle, GFCI, WP	EA	6	0%	6	0.340	\$ 44.00	\$ 14.96	\$ 30.29	\$ 45.25	\$ 271.50
27			Duplex Receptacle, NEMA 5-20R	EA	21	0%	21	0.320	\$ 44.00	\$ 14.08	\$ 20.59	\$ 34.67	\$ 728.07

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Restaurant, Florida 34747  
 Project ID:  
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Date: 8-Dec-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
28	E101, E201A, E202, E204, E303, E401 & E402		Duplex Receptacle, Tamper Resistant, Ceiling Mounted, NEMA 5-20R	EA	6	0%	6	0.320	\$ 44.00	\$ 14.08	\$ 28.50	\$ 42.58	\$ 255.48	
29			Duplex Receptacle, WP	EA	2	0%	2	0.340	\$ 44.00	\$ 14.96	\$ 30.29	\$ 45.25	\$ 90.50	
30			Equipment Connection	EA	5	0%	5	1.855	\$ 44.00	\$ 81.62	\$ -	\$ 81.62	\$ 408.10	
31			<b>Provided by Owner, Installed by GC</b>	Fire Suppression System	EA	1	0%	1	2.580	\$ 44.00	\$ 113.52	\$ -	\$ 113.52	\$ 113.52
				Manual Reset Relay	EA	1	0%	1	0.625	\$ 44.00	\$ 27.50	\$ 295.50	\$ 323.00	\$ 323.00
				Snap Action Switch	EA	1	0%	1	0.286	\$ 44.00	\$ 12.58	\$ 9.66	\$ 22.24	\$ 22.24
32				Motor Rated Switch	EA	1	0%	1	0.344	\$ 44.00	\$ 15.14	\$ 51.00	\$ 66.14	\$ 66.14
33				Motor Rated Switch, WP	EA	3	0%	3	0.520	\$ 44.00	\$ 22.88	\$ 127.99	\$ 150.87	\$ 452.61
34				Single Receptacle, NEMA 5-20R	EA	16	0%	16	0.285	\$ 44.00	\$ 12.54	\$ 11.57	\$ 24.11	\$ 385.76
35				Toggle Switch	EA	1	0%	1	0.342	\$ 44.00	\$ 15.05	\$ 19.95	\$ 35.00	\$ 35.00
				<b>LIGHTING</b>										
				<b>CONDUIT</b>										
36				3/4" EMT Conduit	LF	1486	10%	1634	0.062	\$ 44.00	\$ 2.73	\$ 1.86	\$ 4.59	\$ 7,497.22
				<b>CONDUCTOR</b>										
37				#12 CU THHN/THWN	LF	2271	10%	2499	0.009	\$ 44.00	\$ 0.40	\$ 0.23	\$ 0.63	\$ 1,564.12
38				#10 CU THHN/THWN	LF	2185	10%	2404	0.010	\$ 44.00	\$ 0.44	\$ 0.45	\$ 0.89	\$ 2,139.28
				<b>LIGHTING FIXTURES</b>										
39				A2: Suspended Architectural Cylinder Unit. Bottom of Fixture To Be 6-6" A.F.F. Dimmable, HI-LITE H-046BA119 Mounting: Suspended Watts: 14W	EA	18	0%	18	0.580	\$ 44.00	\$ 25.52	\$ -	\$ 25.52	\$ 459.36
40				A3: Suspended Decorative Over table Pendant Unit Bottom Of Fixture To Be 6-6" A.F.F. Dimmable, HI-LITE H-VLDH424C Mounting: Suspended Watts: 9W	EA	3	0%	3	0.625	\$ 44.00	\$ 27.50	\$ -	\$ 27.50	\$ 82.50
41			<b>Provided By Sign Manufacturer</b>	B1X: Recessed Led Downlight	EA	4	0%	4	0.325	\$ 44.00	\$ 14.30	\$ -	\$ 14.30	\$ 57.20
42			B1: Recessed Led Downlight With 6" Ice Rated Housing And Integral LED Module With White Baffle Trim For B1x Egress Lighting Provide Emergency Battery Backup Ballast With Unswitched Hot, Must Provide 90min Of Illumination, ELITE LED LIGHTING LD61C-AT-DIMTR-120/ REL637-950L-DIMTR-120- 30K-90-W-WH Mounting: Recessed Watts: 15W	EA	19	0%	19	0.455	\$ 44.00	\$ 20.02	\$ -	\$ 20.02	\$ 380.38	
43			B2X: Recessed Led Downlight	EA	7	0%	7	0.325	\$ 44.00	\$ 14.30	\$ -	\$ 14.30	\$ 100.10	
44			EM1: Wall-Mounted Emergency Light With Dual-Head Dual LED Lamp Heads, 3.6v Nicad Battery With 90 Min. Emergency Illumination, EXITRONIX LED-90 Mounting: Wall Mounted Watts: 2.2	EA	10	0%	10	0.465	\$ 44.00	\$ 20.46	\$ -	\$ 20.46	\$ 204.60	
45		<b>Schedule Not Given</b>	EM2: Emergency Light Fixture	EA	1	0%	1	0.428	\$ 44.00	\$ 18.83	\$ -	\$ 18.83	\$ 18.83	
46			H1: RECESSED LED 2X4 FLAT PANEL; 0-10V, ELITE LED LIGHTING "Oracle" 24FLP1-LED-5000L- DIM10-MVOLT-40K-85 Mounting: Recessed Watts: 42.1	EA	16	0%	16	0.518	\$ 44.00	\$ 22.79	\$ -	\$ 22.79	\$ 364.67	
47		<b>By Hood Vendor</b>	Hood Light Fixture	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00	

**DETAILED BREAKDOWN OF ITEMS**

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Date: 8-Dec-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
48			J3: LED Outdoor Sign Lighter. 48", 4800 Lumens, 0-10v Dimming, TEXAS FLUORESCENTS "Saylite"OSL48LS48W5900LDMV 40KBZ/18" ST2-119/ HDSMC-3/4"-119 Mounting: Wall Mounted Watts: 48	EA	22	0%	22	0.688	\$ 44.00	\$ 30.27	\$ -	\$ 30.27	\$ 665.98
49			K: LED Wallpack;18w. Wall Mounted (No Arm). Mount At 10' A.F.G. At Rear Service Entry. Verify Mounting Height With Architect Prior To Rough-In. Emergency Light With 90 Min. Emergency Illumination, RAB LIGHTING WPLED18Y Mounting: Wall Mounted Watts: 18W	EA	1	0%	1	0.550	\$ 44.00	\$ 24.20	\$ -	\$ 24.20	\$ 24.20
50		<b>15 Lamps In Plan</b>	SL: (8 EA) Wet Location Reacted 24ft Led String Light With (12) 1w Lamps, Waterproof Plug, SATCO S8020 Watts: 12W	LF	222	0%	222	0.032	\$ 44.00	\$ 1.41	\$ -	\$ 1.41	\$ 312.67
51			X1: Compact LED Exit sign; Universal Single/Double Face; Red Letters; Battery Backup. Provide Face, Chevrons, And Mounting As Indicated On Plans, EXITRONIX VEX-U-BP-WB-WH Mounting: Wall Mounted Watts: 0.8W	EA	4	0%	4	0.470	\$ 44.00	\$ 20.68	\$ -	\$ 20.68	\$ 82.72
52			2' Suspended Linear Fluorescent Light Fixture	EA	1	0%	1	0.546	\$ 44.00	\$ 24.02	\$ -	\$ 24.02	\$ 24.02
53			TRACK: LED Track Head; 3500k, Wide Flood Distribution; White Finish 6' Track Section; White Finish Live End Feed Connector; White Finish Provide 2.5acurrent Limiter; White Finish, SOLAIS LCS/1 /WFL/8/35/1600/PW/J J6/WH/025/WH J38/WH Watts: 16.3W	EA	3	0%	3	0.580	\$ 44.00	\$ 25.52	\$ -	\$ 25.52	\$ 76.56
54			LED Ceiling Light Fixture	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
			<b>Note: All Lighting Fixtures will be provided by the Owner and installed by GC</b>										
			<b>LIGHTING CONTROL</b>										
55			7-Day Astronomical Digital Timeclock, INTERMATIC ET2845C	EA	1	0%	1	0.528	\$ 44.00	\$ 23.23	\$ 527.99	\$ 551.22	\$ 551.22
56			8-Pole Electrically Held Lighting Contactor With 30A Contacts, EATON #C30NE80A02	EA	1	0%	1	1.900	\$ 44.00	\$ 83.60	\$ 3,059.87	\$ 3,143.47	\$ 3,143.47
57			12-Pole Electrically Held Lighting Contactor With 30A Contacts, EATON #C30NE120A02	EA	2	0%	2	2.700	\$ 44.00	\$ 118.80	\$ 3,587.65	\$ 3,706.45	\$ 7,412.90
58			Lighting Switch Bank With (6) Single Pole Switch & (3) Single Pole Dimmer Switch	EA	1	0%	1	0.728	\$ 44.00	\$ 32.03	\$ 51.99	\$ 84.02	\$ 84.02
59			2-Relay Dual Technology Occupancy Sensor, Wall Mounted	EA	2	0%	2	0.470	\$ 44.00	\$ 20.68	\$ 118.37	\$ 139.05	\$ 278.10
60			Single Pole Switch	EA	4	0%	4	0.365	\$ 44.00	\$ 16.06	\$ 11.23	\$ 27.29	\$ 109.16
			<b>MISCELLANEOUS</b>										
61			4"x4" Junction Box	EA	20	0%	20	0.485	\$ 44.00	\$ 21.34	\$ 25.00	\$ 46.34	\$ 926.80
62			4"x4" Junction Box, Wall Mounted	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ 25.00	\$ 47.00	\$ 47.00
63			4"x4" Junction Box, WP	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 58.38	\$ 80.38	\$ 160.76
											<b>SUBTOTAL</b>	\$ 66,629	
											<b>PROJECTED COST</b>	\$88,884	
<b>OVERHEAD AND PROFIT</b>											15%	\$13,333	
<b>INSURANCE</b>											3%	\$2,667	
<b>CONTINGENCY</b>											5%	\$4,444	
<b>TAX</b>											7.5%	\$0	
<b>SUGGESTED BID</b>												\$109,327	

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Restaurant, Florida 34747  
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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	\$ -	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL	\$ -
<b>EXISTING CONDITIONS</b>													
<b>DEMOLITION</b>													
8	D-1		Existing Light Pole To Be Removed	EA	1	0%	1	0.785	\$ 70.00	\$ 54.95	\$ -	\$ 54.95	\$ 54.95
												SUBTOTAL	\$ 55
<b>ELECTRICAL</b>													
<b>DISTRIBUTION</b>													
<b>CONDUIT</b>													
9			2" EMT Conduit	LF	64	10%	71	0.088	\$ 44.00	\$ 3.87	\$ 6.72	\$ 10.59	\$ 750.57
10			2-1/2" EMT Conduit	LF	76	10%	84	0.130	\$ 44.00	\$ 5.72	\$ 8.57	\$ 14.29	\$ 1,196.37
11		Length Assumed	3" PVC SCH 40 Conduit	LF	30	10%	33	0.075	\$ 44.00	\$ 3.30	\$ 8.48	\$ 11.78	\$ 388.74
<b>CONDUCTOR</b>													
12			#1 CU THHN/THWN	LF	530	10%	583	0.025	\$ 44.00	\$ 1.10	\$ 3.10	\$ 4.20	\$ 2,449.25
13			#4/0 CU THHN/THWN	LF	195	10%	215	0.030	\$ 44.00	\$ 1.32	\$ 5.37	\$ 6.69	\$ 1,437.65
14			#350KCMIL CU THHN/THWN	LF	120	10%	132	0.045	\$ 44.00	\$ 1.98	\$ 8.75	\$ 10.73	\$ 1,416.36
<b>LUGS</b>													
15			Compression Lug CU With 1-Hole , #1 CU Wire	EA	44	0%	44	0.120	\$ 44.00	\$ 5.28	\$ 5.45	\$ 10.73	\$ 472.12
16			Heat Shrink Tubing for #1 CU Wire	EA	44	0%	44	0.150	\$ 44.00	\$ 6.60	\$ 4.82	\$ 11.42	\$ 502.48
17			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	32	0%	32	0.120	\$ 44.00	\$ 5.28	\$ 22.87	\$ 28.15	\$ 900.80
18			Heat Shrink Tubing for #4/0 CU Wire	EA	32	0%	32	0.150	\$ 44.00	\$ 6.60	\$ 4.88	\$ 11.48	\$ 367.36
19			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16	0.200	\$ 44.00	\$ 8.80	\$ 25.90	\$ 34.70	\$ 555.20
20			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16	0.170	\$ 44.00	\$ 7.48	\$ 4.92	\$ 12.40	\$ 198.40
<b>CIRCUIT BREAKER</b>													
21			1P/15A HACR Breaker	EA	1	0%	1	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 14.08
22			1P/20A Breaker	EA	67	0%	67	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 943.36
23			1P/20A Breaker With Lock-On Chip	EA	10	0%	10	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 140.80
24		Provided By Kitchen Vendor	1P/20A Breaker	EA	9	0%	9	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 126.72
25			1P/20A GFCI Breaker	EA	28	0%	28	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 394.24
26			1P/20A GFCI Breaker With Shunt Trip	EA	6	0%	6	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 84.48
27			1P/20A HACR Breaker	EA	7	0%	7	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 98.56
28		Provided By Kitchen Vendor	1P/30A Breaker	EA	1	0%	1	0.320	\$ 44.00	\$ 14.08	\$ -	\$ 14.08	\$ 14.08
29			2P/125A Breaker	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 16.72
30			2P/15A HACR Breaker	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 16.72
31			2P/20A Breaker	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 16.72
32			2P/20A GFCI Breaker With Shunt Trip	EA	3	0%	3	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 50.16
33			2P/20A HACR Breaker	EA	2	0%	2	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 33.44

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34	E101, E201A, E202, E204, E301, E302 E303, E401 & E402		2P/25A HACR Breaker	EA	1	0%	1	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 16.72	
35		<b>Provided By Kitchen Vendor</b>	2P/30A Breaker	EA	3	0%	3	0.380	\$ 44.00	\$ 16.72	\$ -	\$ 16.72	\$ 50.16	
36			3P/15A HACR Breaker	EA	1	0%	1	0.450	\$ 44.00	\$ 19.80	\$ -	\$ 19.80	\$ 19.80	
37			3P/20A GFCI Breaker	EA	1	0%	1	0.450	\$ 44.00	\$ 19.80	\$ -	\$ 19.80	\$ 19.80	
38			3P/30A GFCI Breaker	EA	1	0%	1	0.450	\$ 44.00	\$ 19.80	\$ -	\$ 19.80	\$ 19.80	
39			3P/50A HACR Breaker	EA	2	0%	2	0.450	\$ 44.00	\$ 19.80	\$ -	\$ 19.80	\$ 39.60	
40			3P/60A HACR Breaker	EA	1	0%	1	0.450	\$ 44.00	\$ 19.80	\$ -	\$ 19.80	\$ 19.80	
				<b>Note: All Breakers will be provided by the Owner and installed by GC</b>										
				<b>PANEL</b>										
41				Panel K1: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 42KAIC, 54 Poles, Recessed Mounted, NEMA 1	EA	1	0%	1	2.250	\$ 44.00	\$ 99.00	\$ -	\$ 99.00	\$ 99.00
42			<b>Provided By Kitchen Vendor</b>	Panel K2: 125A, 120/208V, 1Ph, 3W, Mains: MLO, 22KAIC, 16 Poles, NEMA 1	EA	1	0%	1	1.780	\$ 44.00	\$ 78.32	\$ -	\$ 78.32	\$ 78.32
43				Panel L1: 125A, 120/208V, 3Ph, 4W, Mains: MLO, 22KAIC, 66 Poles, Recessed Mounted, NEMA 1	EA	1	0%	1	1.780	\$ 44.00	\$ 78.32	\$ -	\$ 78.32	\$ 78.32
44				Panel P1: 225A, 120/208V, 3Ph, 4W, Mains: MLO, 65KAIC, 54 Poles, Recessed Mounted, NEMA 1	EA	1	0%	1	2.250	\$ 44.00	\$ 99.00	\$ -	\$ 99.00	\$ 99.00
				<b>Note: All Panels will be provided by the Owner and installed by GC</b>										
				<b>DEVICES</b>										
45				N.E.C Compliant Wire Way, NEMA 3R	EA	1	0%	1	0.625	\$ 44.00	\$ 27.50	\$ 137.99	\$ 165.49	\$ 165.49
				<b>DISCONNECT SWITCH</b>										
46				2P/30A Non Fused Disconnect Switch, NEMA 3R	EA	3	0%	3	0.425	\$ 44.00	\$ 18.70	\$ -	\$ 18.70	\$ 56.10
47				3P/30A Non Fused Disconnect Switch, NEMA 3R	EA	1	0%	1	0.520	\$ 44.00	\$ 22.88	\$ -	\$ 22.88	\$ 22.88
48				3P/200AS/125AF Fused Disconnect Switch, NEMA 3R	EA	1	0%	1	0.520	\$ 44.00	\$ 22.88	\$ -	\$ 22.88	\$ 22.88
49				3P/400AS/225AF Fused Disconnect Switch, NEMA 3R	EA	2	0%	2	0.550	\$ 44.00	\$ 24.20	\$ -	\$ 24.20	\$ 48.40
50				3P/600A Service Entrance Disconnect Switch	EA	1	0%	1	0.600	\$ 44.00	\$ 26.40	\$ -	\$ 26.40	\$ 26.40
				<b>Note: All Disconnects will be provided by the Owner and installed by GC</b>										
				<b>GROUNDING</b>										
51				3/4" x 10' CU Clad Ground Rod	EA	1	0%	1	0.195	\$ 44.00	\$ 8.58	\$ 50.50	\$ 59.08	\$ 59.08
52				Ground Bus Bar	EA	2	0%	2	0.850	\$ 44.00	\$ 37.40	\$ 156.25	\$ 193.65	\$ 387.30
53				Neutral Bus Bar	EA	1	0%	1	0.850	\$ 44.00	\$ 37.40	\$ 142.05	\$ 179.45	\$ 179.45
54			<b>Length Assumed</b>	#6 CU Grounding Conductor	LF	10	10%	11	0.016	\$ 44.00	\$ 0.70	\$ 1.25	\$ 1.95	\$ 21.49
55				#3/0 CU Grounding Conductor	LF	30	10%	33	0.018	\$ 44.00	\$ 0.79	\$ 4.24	\$ 5.03	\$ 166.06
				<b>POWER</b>										
			<b>CONDUIT</b>											
56			3/4" EMT Conduit	LF	4602	10%	5062	0.062	\$ 44.00	\$ 2.73	\$ 1.86	\$ 4.59	\$ 23,226.28	
57			1" EMT Conduit	LF	114	10%	126	0.070	\$ 44.00	\$ 3.08	\$ 3.15	\$ 6.23	\$ 784.39	
58			3/4" RGS Conduit	LF	75	10%	83	0.062	\$ 44.00	\$ 2.73	\$ 3.01	\$ 5.74	\$ 473.39	
59			1" RGS Conduit	LF	15	10%	17	0.070	\$ 44.00	\$ 3.08	\$ 5.45	\$ 8.53	\$ 140.75	
			<b>CONDUCTOR</b>											
60			#12 CU THHN/THWN	LF	13997	10%	15396	0.009	\$ 44.00	\$ 0.40	\$ 0.23	\$ 0.63	\$ 9,638.01	
61			#10 CU THHN/THWN	LF	361	10%	397	0.010	\$ 44.00	\$ 0.44	\$ 0.45	\$ 0.89	\$ 353.04	
62			#6 CU THHN/THWN	LF	282	10%	310	0.012	\$ 44.00	\$ 0.53	\$ 0.95	\$ 1.48	\$ 458.52	
63			#4 CU THHN/THWN	LF	107	10%	117	0.014	\$ 44.00	\$ 0.62	\$ 1.32	\$ 1.94	\$ 226.87	
			<b>DEVICE</b>											
64			20A Special Purpose Receptacle	EA	2	0%	2	0.320	\$ 44.00	\$ 14.08	\$ 24.35	\$ 38.43	\$ 76.86	

DETAILED BREAKDOWN OF ITEMS

Prepared for: Restaurant, Florida 34747  
 Project ID:  
 Scope: Electrical



Date: 8-Dec-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
65			Double Duplex Receptacle With Isolated Ground, HUBBELL #HG5362, NEMA 5-20R	EA	6	0%	6	0.350	\$ 44.00	\$ 15.40	\$ 43.87	\$ 59.27	\$ 355.62
66			Double Duplex Receptacle, HUBBELL #HBL5362, NEMA 5-20R	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ 33.86	\$ 49.26	\$ 246.30
67			Double Duplex Receptacle, NEMA 5-20R	EA	1	0%	1	0.350	\$ 44.00	\$ 15.40	\$ 33.86	\$ 49.26	\$ 49.26
68			Duplex Receptacle With Above Counter, Tamper Resistant, NEMA 5-20R	EA	8	0%	8	0.320	\$ 44.00	\$ 14.08	\$ 28.50	\$ 42.58	\$ 340.64
69			Duplex Receptacle, GFCI, NEMA 5-20R	EA	2	0%	2	0.320	\$ 44.00	\$ 14.08	\$ 28.50	\$ 42.58	\$ 85.16
70			Duplex Receptacle, GFCI, WP	EA	6	0%	6	0.340	\$ 44.00	\$ 14.96	\$ 30.29	\$ 45.25	\$ 271.50
71			Duplex Receptacle, NEMA 5-20R	EA	21	0%	21	0.320	\$ 44.00	\$ 14.08	\$ 20.59	\$ 34.67	\$ 728.07
72			Duplex Receptacle, Tamper Resistant, Ceiling Mounted, NEMA 5-20R	EA	6	0%	6	0.320	\$ 44.00	\$ 14.08	\$ 28.50	\$ 42.58	\$ 255.48
73			Duplex Receptacle, WP	EA	2	0%	2	0.340	\$ 44.00	\$ 14.96	\$ 30.29	\$ 45.25	\$ 90.50
74			Equipment Connection	EA	5	0%	5	1.855	\$ 44.00	\$ 81.62	\$ -	\$ 81.62	\$ 408.10
73		<b>Provided by Owner, Installed by GC</b>	Fire Suppression System	EA	1	0%	1	2.580	\$ 44.00	\$ 113.52	\$ -	\$ 113.52	\$ 113.52
			Manual Reset Relay	EA	1	0%	1	0.625	\$ 44.00	\$ 27.50	\$ 295.50	\$ 323.00	\$ 323.00
			Snap Action Switch	EA	1	0%	1	0.286	\$ 44.00	\$ 12.58	\$ 9.66	\$ 22.24	\$ 22.24
75			Motor Rated Switch	EA	1	0%	1	0.344	\$ 44.00	\$ 15.14	\$ 51.00	\$ 66.14	\$ 66.14
76			Motor Rated Switch, WP	EA	3	0%	3	0.520	\$ 44.00	\$ 22.88	\$ 127.99	\$ 150.87	\$ 452.61
77			Single Receptacle, NEMA 5-20R	EA	16	0%	16	0.285	\$ 44.00	\$ 12.54	\$ 11.57	\$ 24.11	\$ 385.76
78			Toggle Switch	EA	1	0%	1	0.342	\$ 44.00	\$ 15.05	\$ 19.95	\$ 35.00	\$ 35.00
			<b>LIGHTING</b>										
			<b>CONDUIT</b>										
79			3/4" EMT Conduit	LF	1486	10%	1634	0.062	\$ 44.00	\$ 2.73	\$ 1.86	\$ 4.59	\$ 7,497.22
			<b>CONDUCTOR</b>										
80			#12 CU THHN/THWN	LF	2271	10%	2499	0.009	\$ 44.00	\$ 0.40	\$ 0.23	\$ 0.63	\$ 1,564.12
81			#10 CU THHN/THWN	LF	2185	10%	2404	0.010	\$ 44.00	\$ 0.44	\$ 0.45	\$ 0.89	\$ 2,139.28
			<b>LIGHTING FIXTURES</b>										
82			A2: Suspended Architectural Cylinder Unit, Bottom of Fixture To Be 6"	EA	19	0%	19	0.550	\$ 44.00	\$ 25.52	\$ -	\$ 25.52	\$ 459.36
83			A3: Suspended Decorative Over table Pendant Unit Bottom Of Fixture To Be 6"	EA	1	0%	1	0.350	\$ 44.00	\$ 27.50	\$ -	\$ 27.50	\$ 82.50
84			B1X: Recessed Led Downlight	EA	4	0%	4	0.325	\$ 44.00	\$ 14.30	\$ -	\$ 14.30	\$ 57.20
85		<b>Provided By Sign Manufacturer</b>	B1: Recessed Led Downlight With 6" Ice Rated Housing And Integral LED Module With White Backplate For 1x Egress Lighting Purpose	EA	7	0%	7	0.325	\$ 44.00	\$ 14.30	\$ -	\$ 14.30	\$ 100.10
86			B2X: Recessed Led Downlight	EA	7	0%	7	0.325	\$ 44.00	\$ 14.30	\$ -	\$ 14.30	\$ 100.10
87			EM1: Wall-Mounted Emergency Light With Dual-Head Dual LED Lamp Head, 3.6" Nicad Battery With 90 Min. Emergency Illumination	EA	1	0%	1	0.428	\$ 44.00	\$ 18.83	\$ -	\$ 18.83	\$ 18.83
88		<b>Schedule Not Given</b>	EM2: Emergency Light Fixture	EA	1	0%	1	0.428	\$ 44.00	\$ 18.83	\$ -	\$ 18.83	\$ 18.83
89			H1: RECESSED LED 2X4 FLAT PANEL; 0-10V, ELITE LED LIGHTING	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
90		<b>By Hood Vendor</b>	Hood Light Fixture	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
91			J3: LED Outdoor Sign Lighter, 48", 4800 Lumens, 0-10v Dimming, Texas Fluorescents "Salyline" 48" x 18" x 1.5" 4800 Lumens, 0-10v Dimming, Wall Mounted	EA	1	0%	1	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
92			K: LED Wallpack; 18w. Wall Mounted (No Arm). Mount At 10' A.F.G. At Red Service Entry Verify Mounting Height With Architect Provided Rough In Dimensions	EA	1	0%	1	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
93		<b>15 Lamps In Plan</b>	SL: (8 EA) Wet Location Related 24ft Led String Light With (12) 1w Lamps, Waterproof Plug, SAT CO S8020 Watts: 12W	EA	1	0%	1	0.032	\$ 44.00	\$ 1.41	\$ -	\$ 1.41	\$ 312.67
93			X1: Compact LED Exit sign; Universal Single/Double Face; Red Letters; Battery Backup. Provide Face, Covers, and Mounting As Indicated On Plans	EA	1	0%	1	0.546	\$ 44.00	\$ 24.02	\$ -	\$ 24.02	\$ 24.02
94			2' Suspended Linear Fluorescent Light Fixture	EA	1	0%	1	0.546	\$ 44.00	\$ 24.02	\$ -	\$ 24.02	\$ 24.02
95			TRACK: LED Track Head; 3500k, Wide Flood Distribution; White Finish	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
96			LED Ceiling Light Fixture	EA	5	0%	5	0.350	\$ 44.00	\$ 15.40	\$ -	\$ 15.40	\$ 77.00
			<b>Note: All Lighting Fixtures will be provided by the Owner and installed by GC</b>										
			<b>LIGHTING CONTROL</b>										
97			7-Day Astronomical Digital Timeclock, INTERMATIC ET2845C	EA	1	0%	1	0.528	\$ 44.00	\$ 23.23	\$ 527.99	\$ 551.22	\$ 551.22
98			8-Pole Electrically Held Lighting Contactor With 30A Contacts, EATO	EA	1	0%	1	1.900	\$ 44.00	\$ 83.60	\$ 3,059.87	\$ 3,143.47	\$ 3,143.47
99			12-Pole Electrically Held Lighting Contactor With 30A Contacts, EATO	EA	2	0%	2	2.700	\$ 44.00	\$ 118.80	\$ 3,587.65	\$ 3,706.45	\$ 7,412.90
100			Lighting Switch Bank With (6) Single Pole Switch & (3) Single Pole Dimmer Switch	EA	1	0%	1	0.728	\$ 44.00	\$ 32.03	\$ 51.99	\$ 84.02	\$ 84.02
101			2-Relay Dual Technology Occupancy Sensor, Wall Mounted	EA	2	0%	2	0.470	\$ 44.00	\$ 20.68	\$ 118.37	\$ 139.05	\$ 278.10
102			Single Pole Switch	EA	4	0%	4	0.365	\$ 44.00	\$ 16.06	\$ 11.23	\$ 27.29	\$ 109.16

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Restaurant, Florida 34747  
 Project ID:  
 Scope: Electrical



Date: 8-Dec-23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			<b>MISCELLANEOUS</b>										
103			4"x4" Junction Box	EA	20	0%	20	0.485	\$ 44.00	\$ 21.34	\$ 25.00	\$ 46.34	\$ 926.80
104			4"x4" Junction Box, Wall Mounted	EA	1	0%	1	0.500	\$ 44.00	\$ 22.00	\$ 25.00	\$ 47.00	\$ 47.00
105			4"x4" Junction Box, WP	EA	2	0%	2	0.500	\$ 44.00	\$ 22.00	\$ 58.38	\$ 80.38	\$ 160.76
												<b>SUBTOTAL</b>	\$ 80,810
												<b>PROJECTED COST</b>	\$80,865
<b>OVERHEAD AND PROFIT</b>												15%	\$12,130
<b>INSURANCE</b>												3%	\$2,426
<b>CONTINGENCY</b>												5%	\$4,043
<b>TAX</b>												7.5%	\$0
<b>SUGGESTED BID</b>													\$99,464

