

GENERAL SUMMARY

Prepared for:

Project ID:

Scope: Electrical

No. Of Floors: 1

Date: 10/16/23



BUILDING GSF		13248	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 39,500	\$ 3
26000	Electrical	\$ 157,220	\$ 12
TOTAL TRADE COST		\$ 196,720	\$ 15
OVERHEAD AND PROFIT			
	15%	\$ 29,508	\$ 2.23
INSURANCE	3%	\$ 5,902	\$ 0
CONTINGENCY	5%	\$ 9,836	\$ 1
TAX	0.0%	\$ -	\$ -
SUGGESTED BID		\$ 241,965	\$ 18



DETAILED BREAKDOWN OF ITEMS

Prepared for:
Project ID:
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Date: 10/16/23

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -		\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 17,500.00	\$ 17,500.00
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	\$ -	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 12,000.00	\$ 12,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000
												SUBTOTAL	\$ 39,500
ELECTRICAL													
DISTRIBUTION													
CONDUIT													
8			1-1/2" EMT Conduit	LF	96	10%	106	0.080	\$ 95.00	\$ 7.61	\$ 6.49	\$ 14.10	\$ 1,492.32
CONDUCTOR													
9			#8 CU THHN/THWN	LF	96	10%	106	0.009	\$ 95.00	\$ 0.86	\$ 0.60	\$ 1.46	\$ 154.00
10			#1 CU THHN/THWN	LF	385	10%	423	0.018	\$ 95.00	\$ 1.71	\$ 2.54	\$ 4.25	\$ 1,799.31
LUGS													
11			Compression Lug CU With 1-Hole , #8 CU Wire	EA	6	0%	6	0.045	\$ 95.00	\$ 4.28	\$ 4.45	\$ 8.73	\$ 52.35
12			Heat Shrink Tubing for #8 CU Wire	EA	6	0%	6	0.009	\$ 95.00	\$ 0.86	\$ 1.00	\$ 1.86	\$ 11.13
13			Compression Lug CU With 1-Hole , #1 CU Wire	EA	24	0%	24	0.045	\$ 95.00	\$ 4.28	\$ 4.45	\$ 8.73	\$ 209.40
14			Heat Shrink Tubing for #1 CU Wire	EA	24	0%	24	0.009	\$ 95.00	\$ 0.86	\$ 1.00	\$ 1.86	\$ 44.52
CIRCUIT BREAKER													
15			2P/25A Breaker In Panel LN4	EA	1	0%	1	0.288	\$ 95.00	\$ 27.36	\$ 22.13	\$ 49.49	\$ 49.49
DISCONNECT SWITCH													
16		Rating Assumed From Panel	20A Fused Disconnect Switch	EA	1	0%	1	0.450	\$ 95.00	\$ 42.75	\$ 78.06	\$ 120.81	\$ 120.81
POWER													
CONDUIT													
17			3/4" EMT Conduit	LF	3431	10%	3774	0.056	\$ 95.00	\$ 5.30	\$ 1.55	\$ 6.85	\$ 25,856.36
CONDUCTOR													
18			#12 CU THHN/THWN	LF	14818	10%	16300	0.006	\$ 95.00	\$ 0.60	\$ 0.52	\$ 1.12	\$ 18,231.33
19			#10 CU THHN/THWN	LF	891	10%	980	0.007	\$ 95.00	\$ 0.68	\$ 0.58	\$ 1.26	\$ 1,238.85
DEVICE													
20			Double Duplex Receptacle	EA	2	0%	2	0.315	\$ 95.00	\$ 29.93	\$ 32.51	\$ 62.44	\$ 124.87
21			Double Duplex Receptacle With 1/2 Switched	EA	12	0%	12	0.315	\$ 95.00	\$ 29.93	\$ 35.60	\$ 65.53	\$ 786.30
22			38	EA	107	0%	107	0.468	\$ 95.00	\$ 44.46	\$ 38.00	\$ 82.46	\$ 8,823.22
23			Duplex Receptacle	EA	21	0%	21	0.293	\$ 95.00	\$ 27.79	\$ 24.99	\$ 52.78	\$ 1,108.33
24			Duplex Receptacle With 1/2 Switched	EA	32	0%	32	0.293	\$ 95.00	\$ 27.79	\$ 25.66	\$ 53.45	\$ 1,710.32
25			Duplex Receptacle, Ceiling Mounted	EA	6	0%	6	0.360	\$ 95.00	\$ 34.20	\$ 40.22	\$ 74.42	\$ 446.52
26			Duplex Receptacle, Flush Mounted	EA	12	0%	12	0.360	\$ 95.00	\$ 34.20	\$ 81.20	\$ 115.40	\$ 1,384.80
27			Duplex Receptacle, GFCI	EA	2	0%	2	0.293	\$ 95.00	\$ 27.79	\$ 25.00	\$ 52.79	\$ 105.58
28			Duplex Receptacle, GFCI, Above Counter	EA	5	0%	5	0.293	\$ 95.00	\$ 27.79	\$ 25.00	\$ 52.79	\$ 263.94
29			Equipment Connection	EA	2	0%	2	1.080	\$ 95.00	\$ 102.60	\$ -	\$ 102.60	\$ 205.20
30			Connectrac, Surface Mounted	LF	823	10%	905	0.015	\$ 95.00	\$ 1.45	\$ 14.10	\$ 15.55	\$ 14,083.66
LIGHTING													
CONDUIT													
31			3/4" EMT Conduit	LF	2583	10%	2842	0.056	\$ 95.00	\$ 5.30	\$ 1.55	\$ 6.85	\$ 19,468.23
CONDUCTOR													
32			#12 CU THHN/THWN	LF	2713	10%	2984	0.006	\$ 95.00	\$ 0.60	\$ 0.52	\$ 1.12	\$ 3,337.82

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33	E2.01, E2.02, E3.01, E3.02 & E10.01		#10 CU THHN/THWN	LF	5037	10%	5541	0.007	\$ 95.00	\$ 0.68	\$ 0.58	\$ 1.26	\$ 7,003.57	
			LIGHTING FIXTURES											
34			L3: 4' Utility LED Strip Light, AFX LIGHTING LSL SERIES, 3500K, LED Mounted: Surface Watt: 35W	EA	3	0%	3	0.648	\$ 95.00	\$ 61.56	\$ 118.00	\$ 179.56	\$ 538.68	
35			L4: 6' Wall Washer, 1182 Lumens Per 4' Length 80 CRI With 0-10V Dimming Driver, FINELINE HP-2-R-WW-D-4FT-S-835, PINNACLE EX2D-WHE-N35 SERIES GAMMALUX 2X5WW SERIES, A-LIGHT ACLL8ST-4-LS SERIES, 3500k, LED Mounted: Recessed Watt: 24W	EA	12	0%	12	0.675	\$ 95.00	\$ 64.13	\$ 285.99	\$ 350.12	\$ 4,201.38	
36			L9: 2x2 Direct/Indirect Troffer, Nominally 2' X 2' X 4" LED 29W With Extruded Acrylic Flate Lens With Diffuse Center Optic 2297 Lumens 80 CRI. 0-10V Dimming Driver, FINELITE HPR 2X2-SCO, LITHONIA 2ALL2-33L SERIES, PINNACLE LU22S SERIES, HE WILLIAMS ATI22 SERIES, 3000K, LED Mounted: Recessed Watt: 29W	EA	39	0%	39	0.450	\$ 95.00	\$ 42.75	\$ 110.64	\$ 153.39	\$ 5,982.21	
37			L9X: 2x2 Direct/Indirect Troffer, Nominally 2' X 2' X 4" LED 29W With Extruded Acrylic Flate Lens With Diffuse Center Optic 2297 Lumens 80 CRI. 0-10V Dimming Driver W/ Emergency Battery Backup, FINELITE HPR 2X2-SCO, LITHONIA 2ALL2-33L SERIES, PINNACLE LU22S SERIES, HE WILLIAMS ATI22 SERIES, 3000K, LED Mounted: Recessed Watt: 29W	EA	8	0%	8	0.450	\$ 95.00	\$ 42.75	\$ 110.64	\$ 153.39	\$ 1,227.12	
38			L10: 2x2 Direct/Indirect Troffer, Nominally 2' X 2' X 4" LED29 With Extruded Acrylic Flate Lens With Diffuse Center Optic 4161 Lumens 80 CRI. 0-10V Dimming Driver, FINELITE HPR 2X2-SCO, LITHONIA 2ALL2-33L SERIES, PINNACLE LU22S SERIES, HE WILLIAMS ATI22 SERIES Mounted: Recessed Watt: 37W	EA	167	0%	167	0.450	\$ 95.00	\$ 42.75	\$ 142.00	\$ 184.75	\$ 30,853.25	
39			L10X: 2x2 Direct/Indirect Troffer, Nominally 2' X 2' X 4" LED29 With Extruded Acrylic Flate Lens With Diffuse Center Optic 4161 Lumens 80 CRI. 0-10V Dimming Driver, W/ Emergency Battery Backup, FINELITE HPR 2X2-SCO, LITHONIA 2ALL2-33L SERIES, PINNACLE LU22S SERIES, HE WILLIAMS ATI22 SERIES Mounted: Recessed Watt: 37W	EA	12	0%	12	0.450	\$ 95.00	\$ 42.75	\$ 142.00	\$ 184.75	\$ 2,217.00	
40			X1: Building Standard Exit Sign, LED Watt: 5W	EA	7	0%	7	0.360	\$ 95.00	\$ 34.20	\$ 33.60	\$ 67.80	\$ 474.60	
41			X1: Building Standard Exit Sign, 2-Way, LED Watt: 5W	EA	2	0%	2	0.360	\$ 95.00	\$ 34.20	\$ 64.28	\$ 98.48	\$ 196.96	
				LIGHTING CONTROL										
42				Low Voltage Dimmer Switch	EA	14	0%	14	0.203	\$ 95.00	\$ 19.24	\$ 34.99	\$ 54.23	\$ 759.19
43				Occupancy Sensor	EA	3	0%	3	0.405	\$ 95.00	\$ 38.48	\$ 71.53	\$ 110.01	\$ 330.02
44				Photocell Light Sensor	EA	4	0%	4	0.162	\$ 95.00	\$ 15.39	\$ 19.98	\$ 35.37	\$ 141.48
45				Vacancy Sensor	EA	18	0%	18	0.243	\$ 95.00	\$ 23.09	\$ 22.85	\$ 45.94	\$ 826.83
46				Vacancy Sensor Switch	EA	2	0%	2	0.227	\$ 95.00	\$ 21.55	\$ 21.20	\$ 42.75	\$ 85.49
				MISCELLANEOUS										
47			12"x12"x6" Junction Box (For Door)	EA	14	0%	14	0.405	\$ 95.00	\$ 38.48	\$ 52.47	\$ 90.95	\$ 1,273.23	

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												SUBTOTAL	\$ 157,220
												PROJECTED COST	\$196,720
OVERHEAD AND PROFIT												15%	\$29,508
INSURANCE												3%	\$5,902
CONTINGENCY												5%	\$9,836
TAX												0.0%	\$0
SUGGESTED BID													\$241,965

