

DETAILED BREAKDOWN OF ITEMS

Prepared for: **HIDDEN FOR PRIVACY**
 Project ID: **HIDDEN FOR PRIVACY**
 Scope: **ELECTRICAL**



Date: **22-Aug-24**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MAN/HR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
42			DUPLEX / TELEPHONE / DATA FLUSH FLOOR MOUNTED OUTLET HUBBELL SYSTEMONE SERIES	EA	5	0%	5	0.60	210.00	\$ 126.00	\$ 32.00	\$ 158.00	\$ 790.00
CONDUITS													
55			1" EMT W/ RIGID STRING	LF	314	10%	345	0.03	210.00	\$ 6.30	\$ 15.38	\$ 21.68	\$ 7,488.27
CONDUCTOR													
56			CAT 6 CABLE	LF	314	10%	345	0.03	210.00	\$ 6.30	\$ 3.08	\$ 9.38	\$ 3,239.85
HVAC													
HVAC FIXTURE													
57			EAN COIL UNIT	EA	8	0%	8	0.50	210.00	\$ 105.00	\$ 251.00	\$ 356.00	\$ 2,848.00
31			ROOF TOP UNIT (INSTALLATION ONLY)	EA	1	0%	1	4.00	210.00	\$ 840.00	\$ -	\$ 840.00	\$ 840.00
58			AIR HANDLING UNIT (INSTALLATION ONLY)	EA	1	0%	1	4.00	210.00	\$ 840.00	\$ -	\$ 840.00	\$ 840.00
CONDUITS													
59			1 1/2" EMT	LF	200	10%	220	0.03	210.00	\$ 6.30	\$ 3.48	\$ 9.78	\$ 2,151.60
60			1" EMT	LF	400	10%	440	0.04	210.00	\$ 8.40	\$ 15.22	\$ 23.62	\$ 10,392.88
CONDUCTOR													
61			1#12 AWG	LF	200	10%	220	0.04	210.00	\$ 8.40	\$ 1.92	\$ 10.32	\$ 2,270.40
62			1#4 AWG	LF	400	10%	440	0.04	210.00	\$ 8.40	\$ 3.32	\$ 11.72	\$ 5,156.80
61			2#12 AWG	LF	200	10%	220	0.04	210.00	\$ 8.40	\$ 1.92	\$ 10.32	\$ 2,270.40
63			2#4 AWG	LF	400	10%	440	0.04	210.00	\$ 8.40	\$ 3.32	\$ 11.72	\$ 5,156.80
CONTROL													
61			DISCONNECT SWITCH	EA	3	0%	3	1.00	210.00	\$ 210.00	\$ 34.99	\$ 244.99	\$ 734.97
MISCELLANEOUS													
DEMOLITION													
64			REMOVE MOTOR	EA	4	0%	4	0.70	210.00	\$ 147.00	\$ -	\$ 147.00	\$ 588.00
42			REMOVE UTILITY METER	EA	1	0%	1	0.80	210.00	\$ 168.00	\$ -	\$ 168.00	\$ 168.00
65			REMOVE 2#12, 1#4	LF	121	10%	133	0.01	210.00	\$ 2.10	\$ -	\$ 2.10	\$ 279.51
65			REMOVE DISCONNECT SWITCH	EA	5	0%	5	0.10	210.00	\$ 21.00	\$ -	\$ 21.00	\$ 105.00
EXCAVATION													
66			UTILITY EXCAVATION	CY	2.2	10%	2	0.70	210.00	\$ 147.00	\$ 1.38	\$ 148.38	\$ 359.08
MISC. EQUIPMENT													
67			EXHAUST FAN	EA	2	0%	2	1.00	210.00	\$ 210.00	\$ 334.99	\$ 544.99	\$ 1,089.98
67			WATER PUMP	EA	1	0%	1	1.00	210.00	\$ 210.00	\$ 645.99	\$ 855.99	\$ 855.99
68			BATTERY CABINET	EA	1	0%	1	1.00	210.00	\$ 210.00	\$ 415.99	\$ 625.99	\$ 625.99
68			NEUTRAL BUS	EA	3	0%	3	1.00	210.00	\$ 210.00	\$ 15.99	\$ 225.99	\$ 677.97
SUBTOTAL													\$ 221,625
ELECTRICAL													
FIRE ALARM SYSTEM													
FIRE SAFETY FIXTURE													
69			FIRE ALARM HORN STROBE, STROBE TO BE RATED AT 15 CD	EA	10	0%	10	0.01	210.00	\$ 2.10	\$ 101.00	\$ 103.10	\$ 1,031.00
43			FIRE ALARM HORN STROBE, CEILING MOUNTED, STROBE TO BE RATED AT 15 CD (CANDELA)	EA	2	0%	2	0.10	210.00	\$ 21.00	\$ 143.00	\$ 164.00	\$ 328.00
70			FIRE ALARM STROBE	EA	3	0%	3	0.10	210.00	\$ 21.00	\$ 146.00	\$ 167.00	\$ 501.00
CONDUITS													
71			1 1/2" EMT	LF	215	10%	237	0.03	210.00	\$ 6.30	\$ 3.48	\$ 9.78	\$ 2,312.97
CONDUCTOR													
72			2#14 AWG FL/PL CLASS B WIRING	LF	256	10%	282	0.04	210.00	\$ 8.40	\$ 3.92	\$ 12.32	\$ 3,469.31
73			2#10 AWG FL/PL CLASS B WIRING	LF	364	10%	400	0.04	210.00	\$ 8.40	\$ 4.32	\$ 12.72	\$ 5,083.04
CONTROL													
72			UDACT	EA	1	0%	1	1.25	210.00	\$ 262.50	\$ 899.60	\$ 1,162.10	\$ 1,162.10
72			BUTX JACK	EA	2	0%	2	0.60	210.00	\$ 126.00	\$ 33.92	\$ 159.92	\$ 319.84
72			4# DISCONNECT SWITCH	EA	2	0%	2	0.90	210.00	\$ 189.00	\$ 106.00	\$ 295.00	\$ 590.00
72			REMOTE ANNUNCIATOR	EA	1	0%	1	1.25	210.00	\$ 262.50	\$ 458.00	\$ 720.50	\$ 720.50
74			FIRE ALARM CONTROL PANEL	EA	1	0%	1	1.25	210.00	\$ 262.50	\$ 1,210.00	\$ 1,472.50	\$ 1,472.50
74			FIRE ALARM MANUAL PULL STATION	EA	3	0%	3	1.25	210.00	\$ 262.50	\$ 45.99	\$ 308.49	\$ 924.47
75			SMOKE DETECTOR	EA	3	0%	3	0.80	210.00	\$ 168.00	\$ 45.99	\$ 213.99	\$ 641.97
SUBTOTAL													\$ 18,568
ELECTRICAL SUBTOTAL													\$ 316,184
OVERHEAD AND PROFIT													
INSURANCE													
CONTINGENCY													
TAX													
PROTECTED COST													\$ 322,784
OVERHEAD AND PROFIT													\$ 58,734
INSURANCE													\$ 163,130
CONTINGENCY													\$ 53,228
TAX													\$ 25,823
SUGGESTED BID													\$ 406,707

\$ 630.00	\$ 160.00
\$ 2,176.02	\$ 5,312.25
\$ 2,176.02	\$ 1,063.83
\$ 840.00	\$ 2,008.00
\$ 840.00	\$ -
\$ 840.00	\$ -
\$ 1,386.00	\$ 765.60
\$ 3,696.00	\$ 6,696.80
\$ 1,848.00	\$ 422.40
\$ 3,696.00	\$ 1,460.80
\$ 1,848.00	\$ 422.40
\$ 3,696.00	\$ 1,460.80
\$ 630.00	\$ 104.97
\$ 588.00	\$ -
\$ 168.00	\$ -
\$ 279.51	\$ -
\$ 105.00	\$ -
\$ 353.74	\$ 3.34
\$ 420.00	\$ 669.98
\$ 210.00	\$ 645.99
\$ 210.00	\$ 413.99
\$ 630.00	\$ 47.97
#####	\$ 85,285.51
\$ -	\$ -
\$ 21.00	\$ 1,010.00
\$ 42.00	\$ 286.00
\$ 63.00	\$ 438.00
\$ 1,489.94	\$ 823.02
\$ 2,365.44	\$ 1,103.87
\$ 3,363.36	\$ 1,229.73
\$ 262.50	\$ 899.60
\$ 252.00	\$ 67.84
\$ 378.00	\$ 212.00
\$ 262.50	\$ 458.00
\$ 262.50	\$ 1,210.00
\$ 787.50	\$ 127.97
\$ 204.00	\$ 127.97
\$ -	\$ -
\$ 10,053.75	\$ 8,514.00
\$ -	\$ -
\$ -	\$ -
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\$ -	\$ -
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Notes:
 1. Online sources are used for pricing.
 2. Prices can vary depending upon field conditions.