Address:

Scope: Electrical



Date:	5/1/2024												
SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
	1000	GENERAL REQUIREMENTS											
1		Supervision and Coordination	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2		Submittals and Shop drawings	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3		Final Cleaning	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4		Mobilization Costs	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5		Bond @ 2%	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6		Temporary Control & Facilities	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7		Scaffolding	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
												SUBTOTAL	\$0.00

	26000	ELECTRICAL											
	20000				ļ		ļ					ļ	
		Lighting A1 - (2'x4') Ceiling Mounted Recessed - 47W - Mfg.:											
8		Techlight - Model no: CBS24-35-6L-3 - LED/3500K - 6000Lumers	255.00	EA	0%	255.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9		A1E - (2'x4') Emergency Ceiling Mounted Recessed - 47W - Mfg.: Techlight - Model no: CBS24-35-6L-3 - LED/3500K - 6000Lumers	80.00	EA	0%	80.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00
10		A3 - (2'x 4') Mounted Ceiling Recessed Troffer - 84W - Mfg.: TechLight - Model No: LTR24-4-M-35-1-OA - LED/3500K - (9000Lumens	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0,00	00 ب	\$0.00	\$0.00	\$0.00
11		B1 - (2'x2') Recessed Linear - 5W/FT - Mfg.: Extant - Model No: HTG-3R-L9-TD-SF-XX-DML-Meorf-835-VU- D LED/3500K - 550LM/FT	30.00	EA	0%	30.00	\$0.00	\$0.00	D 00	\$0.00	\$0.00	\$0.00	\$0.00
12		B1E - (2'x2') Emergency Recessed Linear - 5W/FT - Mfg.: Extant - Model No: HTG-3R-L9-TD-SF-XX-DML- Meorf-835-VU-D LED/3500K - 550LM/FT	41.00	EA	0%	41.00	\$0.00	00	j 0.00	\$0.00	\$0.00	\$0.00	\$0.00
13		C1 - Recessed Linear - 5W/FT - Mfg.: Extant HTG - Model No:3R-L9-TD-SF-XX-DML-MEORF-835-VU-D LED/3500K - 550LM/FT	136.55	LF	10%	150.21	\$0.0	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14		D1 - (4") Round Recessed Down light - 20W - Mfg.: Intense Lighting - Model No:GD4DR-L3-35-D101-27-FL- IRD402-HZ-SL LED/3500K - 1900Lumens	43.00	EA	0%	43.00	φ	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
15		D1E - (4") Emergency Round Recessed Down light - 20W - Mfg.: Intense Lighting - Model No:GD4DR-L3-35- D101-27-FL-IRD402-HZ-SL LED/3500K - 1900Lumens	43.00	EA	0%	43	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16		D3 - (4") Sloped Ceiling Recessed Down light - 20W - Mfg.: Intense Lighting - Model No:GD4AR-L3-35-D101- 27-FL-IRA400-HZ-SF LED/3500K - 1900Lumens	39.00	EA	0%	39.0J	9 .00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
17		D3E - (4") Emergency Sloped Ceiling Recessed Down light - 20W - Mfg.: Intense Lighting - Model No:GD4AR- L3-35-D101-27-FL-IRA400-HZ-SF LED/3500K - 1900Lumens	9.00	\	0%	9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18		G24 - 24" Dia Decorative Rung Halo Pendant - Mfg:Canman Lighting - Model: P1-44-24-35K-CL B V- MW-XXX-ACM - 170W - 120/227V - LED/3500K	00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19		K1 - (4") Mounted Surface Pendant Cylinder - 1, W Mfg.: Intense Lighting - Model No:SS6G4C-L3 - 358 XX HZ-PXX LED/3500K - 2000Lumens	36.0	EA	0%	36.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20		W1 - Mounted Wall Exit With Type 3 Light Distribution - 34.2 - Mfg.: Cooper - Model No:# IST-SA1-C-740-U- T3-XX-SPB2 LED/3500K - 4500Lumens	30.00	EA	0%	30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21		X - Mounted Wall/Ceiling Exit Sign - Mfg.: Cooper -	37.00	EA	0%	37.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22		L1 - Mounted Recessed Linear Pendant - 5W/FT - Mfg:: Extant HTG - Model No:3P-TD-DT-XX-DML-835- MEODF-VU-D1%-XX-AC-96-XX-XX-XXX LED/3500K - 550LM/FT	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23		L1E - Emergency Mounted Recessed Linear Pendant - 5W/FT - Mfg.: Extant HTG - Model No:3P-TD-DT-XX- DML=835-MEODF-VU-D1%-XX-AC-96-XX-XX-XXX LED/3500K - 550LM/FT	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24		F1 - Mounted Surface 4" Lensed Strip Light - 43W - Mfg.: Techlight - Model No:DLS-N-7L-VWD-1-G10 LED/3500K - 7000Lumens	11.00	EA	0%	11.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25		F1E - Emergency Mounted Surface 4" Lensed Strip Light - 43W - Mfg.: Techlight - Model No:DLS-N-7L- VWD-1-G10 LED/3500K - 7000Lumens	14.00	EA	0%	14.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26		T1 - Mounted Ceiling Suspended Track Fixture Refer To Plans For Run Lengths And Location - 16W - Mfg.: Intense Lighting - Model No: IQ-L1-35-D101-B-FL_IP- B047WF LED/3500K - 1300Lumens	4.00	EA	0%	4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27		T2 - Track Light with Heads W1E - Emergency Mounted Wall Exit With Type 3	4.00	EA	0%	4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28		Vite - Emergency Mounted Wall Exit With Type 3 Light Distribution - 34.2 - Mfg.: Cooper - Model No:# IST-SA1-C-740-U-T3-XX-SPB2 LED/3500K - 4500Lumens	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29		H1 - Mounted Bottom Of Joists High Bay - 213W - Mfg.: TechLight - Model No: HOLH–2D-40-31L-VWD-1- 10JC-HOG2 - LED/3500K - 3100Lumens	16.00	EA	0%	16.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30		H1E - Emergency Mounted Bottom Of Joists High Bay - 213W - Mfg.: TechLight - Model No: HOLH2D-40- 31L-VWD-1-10JC-HOG2 - LED/3500K - 3100Lumens	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31		S2 - 4 Square Galleon Series Sire Fixture with type 3 light - Mfg.: Megdraw Edison - Model: Gleon-SA4C-735- U-T3-XX-AHD145 - 225 W - Led/3500K	15.00	EA	0%	15.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32		S4 - 4 Square Galleon Series Sire Fixture with type 4 light - Mfg.: Megdraw Edison - Model: Gleon-SA4C-735- U-T3-XX-AHD145 - 225 W - Led/3500K	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Address:

Scope: Electrical Date: 5/1/2024



SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
33		S5 - Flag Pole Floor Light - Model: NFFLD-C25-E-UNV- 66-S-BZ - 85W - LED/3500K	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Power											
34		Duplex Receptacle	347.00	EA	0%	347.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
35 36		GFI Duplex Receptacle Quadruple Receptacle	75.00	EA EA	0% 0%	75.00 92.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
30		GFI Quadruple Receptacle	92.00 3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
38		WP - GFI Duplex Receptacle	13.00	EA	0%	13.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
39		Special Purpose Outlet	9.00	EA	0%	9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
40 41		2-Gang TV Outlet Box Simplex Receptacle	1.00 4.00	EA EA	0% 0%	1.00 4.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
42		Floor Outlet	12.00	EA	0%	12.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
43		Junction Box	30.00	EA	0%	30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
44 45		Auxiliary Control Relay Cord Reel	2.00 52.00	EA EA	0% 0%	2.00 52.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
46		Contactor	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Sensor & Switch											
47		Vacancy Switch Dual-Tech Manual - ON/Auto-OFF	14.00	EA	0%	14.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
48		Vacancy Dimming Switch Dual-Tech Vacancy Dimming Switch	11.00	EA	0%	11.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
49		Occupancy Switch Dual-Tech Auto-ON/Auto-OFF	17.00	EA	0%	17.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
50		Occupancy Sensor High Ceiling	57.00	EA	0%	57.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
51 52		Occupancy Sensor Low Ceiling Low Voltage Single Pole Switch	12.00 15.00	EA EA	0% 0%	12.00 15.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
53		Low Voltage Dimming Switch	57.00	EA	0%	57.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
54		Emergency Power Switch	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
55 56		Key Operated Switch Motor Rated Switch	14.00 23.00	EA EA	0% 0%	14.00 23.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
57		Keyed Switch	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
58		Daylight Sensor	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Panel											
59		Panel DL - Surface Mounted - 120/208V - 3Ph - 4W - Nema 1 - 800 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
60		Panel DP - Surface Mounted - 227/480V - 3Ph - 4W - Nema 1 - 600 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
61		Panel HA - Surface Mounted - 227/480V - 3Ph - 4W - Nema 1 - 250 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
62		Panel MA - Surface Mounted - 227/480V - 3Ph - 4W -	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
63		Nema 1 - 800 A Panel MB - Surface Mounted - 227/480V - 3Ph - 4W -	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
64		Nema 1 - 250 A Panel LA - Surface Mounted - 120/208V - 3Ph - 4W -	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
65		Nema 1 - 400 A Panel LB - Surface Mounted - 120/208V - 3Ph - 4W - Nema 1 - 400 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
66		Panel LA2 - Surface Mounted - 120/208V - 3Ph - 4W - Nema 1 - 250 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
67		Panel LC - Surface Mounted - 120/208V - 3Ph - 4W - Nema 1 - 100 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
68		Panel LB2 - Surface Mounted - 120/208V - 3Ph - 4W - Nema 1 - 250 A	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Site Electrical											
69		Junction Box	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
70		Kn#1 - Proposed Underground Primary Pull-Box	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
71		Provided By Civil Kn#9 - Provide 2" Conduit with Protective Caps	1,359.89	LF	10%	1495.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
72		Kn#12 - Proposed Underground Primary Conduit	1,162.86	LF	10%	1279.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
73		Kn#3 - Proposed Routing Of Underground Feeders Kn#5 - Underground Secondary Ductbank to new	246.01	LF	10%	270.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
74	Ļ	Switchboard 'MSB'	7.46	LF	10%	8.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
75	<u> </u>	Kn#4 - Route Circuit For Lighting Poles Via Relay Panel	2,636.77	LF	10%	2900.45	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
┢╴┤		Single Line Diagram											
76		(5) Sets Of (4) #600KCMIL Aluminium in 4" C	45.34	LF	10%	49.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
77		600YA - (2)Sets - 4-500KCM & 1#1/0G, 3 1/2" Conduit	26.34	LF	10%	28.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
78		800YA - (3)Sets - 4-400KCM & 1#1/0G, 3" Conduit	13.30	LF	10%	14.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
79		250YC - (1)Sets - 4-350KCM & 1#4G, 3 1/2" Conduit	26.84	LF	10%	29.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
80		1600Y - (5) Sets - 4-600KCM & 1#4/0G, 4" Conduit Kn#8 - Provide (2) Sets Of 3#3/0 Neutral, 1#4 G In 2-	12.91	LF	10%	14.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
81		1/2" Kn#7 - Provide (2)Sets Of 3#3/0, 2#3/0 Neutral, 1#6 G	7.64	LF	10%	8.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
82		in 2-1/2" Conduit Kn#9 - Provide 3#250 KCM, 2#250 Neutral, 1#4 G In	8.99	LF	10%	9.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
83		3" Conduit Kn#10 - Provide 3#250 KCM, 2#250 Neutral, 1#4 G in	7.42	LF	10%	8.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
84		3" Conduit Kn#11 - Provide 3#1, 2#1 Neutral, 1#8 G In 1-1/2"	7.43	LF	10%	8.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
85	ļ	Conduit	8.88	LF	10%	9.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
86 87		Electric Meter Box Service Transformer By Center point Energy	1.00 1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
88		600A - Nema 3R - 600 AD - 65KA Disconnect Switch	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
89		800A - Nema 3R - 800 AF - 65KA Disconnect Switch	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
90	ļ	Kn#5 - SPD2-Provide ASCO #510120YP16ACAJ20 Surge Protective Device With Accuguide Cables	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
91		Kn#2 - SPD2-Provide ASCO #560277YP25ACCG10 Surge Protective Device With Accuguide Cables	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
92		Kn#6 - KB-Provide 4500 Series NEMA3R Knox Box Remote Shutdown Station	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	W/	RATE	RATE	RATE	COSTS	COSTS	COSTS	SUB COST
		High Pressure Contact Switch w/ 1600A Fuses GFP &				WASTAGE							
93		Shunt Nema3R - Service Entrance Rated 65KAIC -	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	+	480/227V/3PH											
		Kiosk Equipment's Schedule											
94	I	K1 - Milk Cooler - 120 Volt - 1 Ph LS4 Panel	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
95 96	+	K2 - React-in Fridge - 120 Volt - 1 Ph LS4 Panel K3 - Conv Oven - 208 Volt - 3 Ph LS4 Panel	3.00 4.00	EA EA	0% 0%	3.00 4.00	\$0.00 \$0.00						
97	+	K4 - Warmer - 120 Volt - 1 Ph LS4 Panel	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
98		K5 - Hot Serving - 208 Volt - 1 Ph LS4 Panel	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
99 100		K6 - Cold Serving - 120 Volt - 1 Ph LS4 Panel Walk-in Freezer - 208 Volt - 1 Ph LS4 Panel	1.00	EA EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
100		Walk-in Freezer - 208 Volt - 1 Pn LS4 Panel Walk-in Freezer Door - 120 Volt - 1 Ph LS4 Panel	1.00	EA	0% 0%	1.00	\$0.00 \$0.00						
102		Walk-in Cooler - 120 Volt - 1 Ph LS4 Panel	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
103	+	Cable & Conduits Wiring	5,823.10	LF	10%	6405.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
103		Winig	5,625.10	LF	10%	0405.41	\$0.00	φ0.00	φ 0.00	\$U.UU	\$ 0.00	\$0.00	\$0.00
		Technology Plan											
104		Single Data Outlet	47.00	EA	0%	47.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
105 106	+	Double Voice Outlet Single Voice/Data Outlet	9.00 178.00	EA EA	0% 0%	9.00 178.00	\$0.00 \$0.00						
106	+	Double Voice/Data Outlet	4.00	EA	0%	4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
108		Conduit	75.02	LF	10%	82.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
109		4" Emt Conduit Sleeves	346.01	LF	10%	380.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
110	<u> </u>	2" Emt Conduit Sleeves (18"W x 4"H) Wire Basket Type Cable Tray	173.03	LF LF	10%	190.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
111	+	(10 W X 4 D) WILE DASKEL LYPE Cable Tray	490.00	LF	10%	539.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		IT Technology Equipment											
112	L	1 - (2) RU Fiber Optic Patch Panel	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
113 114	+	2 - Rack Mount Fiber Delivery Switch 3 - Ciena	1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00						
114		4 - Firewall Fortinet	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
116		5 - Phone/Voice Router	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
117		6 - Panel "A" 24 Port Patch Panel (Wireless Access)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
118 119	+	7 - Core Switch / Wireless Access Points 8 - Panel "B" 24 Port Patch Panel (Wireless Access)	1.00 1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00						
119		9 - Panel "C" 24 Port Patch Panel (Wireless Access)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
120		10 - 48 Port Data/Network Switch	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
122		11 - Panel "D" 24 Port Patch Panel (Data Network)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
123		12 - Panel "E" 24 Port Patch Panel (Data Network)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
124 125	+	13 - 48 Port Data/Network Switch 14 - Panel "F" 24 Port Patch Panel (Data Network)	1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00						
125		15 - Panel "G" 24 Port Patch Panel (Data Network)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
127		16 - Panel "H" 24 Port Patch Panel (Data Network)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
128	<u> </u>	17 - Panel "I" 24 Port Patch Panel (Data Network)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
129 130	+	18 - Rack Mounted Horizontal PDU "A" 19 - Panel "K" 28 Port Patch Panel (Camera)	1.00 1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00						
130	+	20 - Panel "L" 24 Port Patch Panel (Camera)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
132		21 - 48 Port Camera Switch. Switch "A"	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
133	<u> </u>	22 - Panel "M" 24 Port Patch Panel (Camera)	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
134 135	+	24 - 48 Port Camera Switch. Switch "B" 25 - Camera Server Equipment	1.00 1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00						
135	+	26 - Rack Mounted Horizontal PDU "B"	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
137		27 - UPS Controller	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
138	<u> </u>	28 - UPS Expansion "A"	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
139 140	+	29 - UPS Expansion "B" 30 - Double Sided Vertical Wire Manager 8" W	1.00 31.47	EA LF	0% 10%	1.00 34.62	\$0.00 \$0.00						
140	+	31 - (42 RU) 4-Post Floor Mounted Equipment Rack	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
142		32 - (1) RU Fiber Optic Patch Panel	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
143	↓	33 - Panel "A" 24 Port Patch Panel (Wireless/Data)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
144	───	34 - 48 Port Wireless/Data Switch	1.00	EA EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
145 146	+	35 - Panel "B" 24 Port Patch Panel (Wireless/Data) 36 - Panel "C" 24 Port Patch Panel (Data Network)	1.00 1.00	EA	0% 0%	1.00	\$0.00 \$0.00						
140	1	37 - 48 Port Wireless/Data Switch	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
148		38 - Panel "D" 24 Port Patch Panel (Data Network)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
149	┿	39 - Panel "E" 24 Port Patch Panel (Camera)	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
150 151	+	40 - 48 Port Camera Switch "A" 41 - Panel "F" 24 Port Patch Panel (Camera)	1.00 1.00	EA EA	0% 0%	1.00	\$0.00 \$0.00						
151	+	41 - Faher F 24 Fort Fater (Camera) 42 - Rack Mounted Horizontal PDU "A"	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
153		Wall Cleanout	16.00	EA	0%	16.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

SUBTOTAL

\$0.00

	27000	Division 27 - COMMUNICATIONS											
		Audio/Visual											
154		Projector	43.00	EA	0%	43.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
155		Floor Box	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
156		Equipment Rack	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
157		Wall Mounted Speaker	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
158		PA System Headed Unit	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
159		Ceiling Mounted Speaker	207.00	EA	0%	207.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
160		(8'-2" L) Projection Screen	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
161		(10'-6" L) Projection Screen	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
162		(12'-6" L) Projection Screen	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
163		(15'-5" L) Projection Screen	37.00	EA	0%	37.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
164		Wall Mounted Volume Control	4.00	EA	0%	4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
165		Type 1 - Wall Mounted Antenna	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
166		Type 2 - Wall Mounted Antenna	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
167		Wall Mounted Multimedia Plate	43.00	EA	0%	43.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
168		Wall Mounted Horn Loud Speaker	11.00	EA	0%	11.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Address:

Scope: Electrical



Deter									Contract of the second s				
Date:	5/1/2024												
SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
169		Type 1 - Wall Mounted Control Panel	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
170		Type 1 - Wall Mounted Multimedia Plate	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
												SUBTOTAL	\$0.00

	28000	Division 28 - ELECTRONIC SAFETY & SECURITY											
			í'	<u> </u>	í'	<u> </u>		L'					
		Security	<u> </u>	<u> </u>	'	′		<u> </u>					1
171		Key Pad	4.00	EA	0%	4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
172		Card Reader	22.00	EA	0%	22.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
173		Door Contact	37.00	EA	0%	37.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
174		Motion Detector	17.00	EA	0%	17.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
175		Security System Riser	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
176		Long Range Motion Detector	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
177		Single Door Release Pushbutton	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
178	·	Exterior Fixed Surveillance Camera	36.00	EA	0%	36.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
179	·	Interior Fixed Surveillance Camera	14.00	EA	0%	14.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
180	·	Desktop Video Intercom Master Station	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
181		Interior Ceiling Mounted Fixed Surveillance Camera	20.00	EA	0%	20.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
182	L	Request To Exit Is Integral W/ Electricfied Locking Hardware	20.00	EA	0%	20.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		· · · · · · · · · · · · · · · · · · ·	· '	['	ſ <u> </u>	· '		ſ <u> </u>					I
												SUBTOTAL	\$0.00

	33000	Division 33 - UTILITIES											
		Pipework											
183		(36" Dia) Strom Sewer Pipe	454.00	LF	10%	499.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
184		(24" Dia) Strom Sewer Pipe	56.00	LF	10%	61.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
185		(12" Dia) Strom Sewer Pipe	817.00	LF	10%	898.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
186		(12" Dia) Waste Water Pipe	1,305.35	LF	10%	1435.89	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
187		(12" Dia) Water Pipe	7,897.00	LF	10%	8686.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
188		(8" Dia) Strom Sewer Pipe	214.00	LF	10%	235.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
189		(6" Dia) Waste Water Pipe	5,927.00	LF	10%	6519.70	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Fittings											
190		(36" Dia) 45 Degree Bend	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
191		(12" Dia) 45 Degree Bend	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
192		(8" Dia) 45 Degree Bend	5.00	EA	0%	5.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
193		(45 Degree) Bend	23.00	EA	0%	23.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
194		(90 Degree) Bend	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
195		(12" vs 8") Wye	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
196		Sanitary Tee	6.00	EA	0%	6.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Other											
197		3'x3' Grate Inlet	7.00	EA	0%	7.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
198		2'x2' Grate Inlet	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
199		Backflow Preventer	4.00	EA	0%	4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
200		Water Meter w/ Vault	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
201		Waste Water Manhole	22.00	EA	0%	22.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
202		2'x2' Strom Junction Box	1.00	EA	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
203		Sanitary Wye w/ Cleanout	22.00	EA	0%	22.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
204		Fire Department Connection	3.00	EA	0%	3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
205		Fire Hydrant	5.00	EA	0%	5.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
206		Trash Bins	2.00	EA	0%	2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
207		Gate Valve	17.00	EA	0%	17.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			•									SUBTOTAL	\$0.00

Project: Address: Scope:	Address: Scope: Electrical Cost Master												er _{E R}
Date:	5/1/2024												
SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
										PROJEC	CTED COST		\$0
									0	VERHEAD A	ND PROFIT	20%	\$0
										II	NSURANCE	3%	\$0
										CON	ITINGENCY	5%	\$0
		SUGG	ESTED BID										\$0