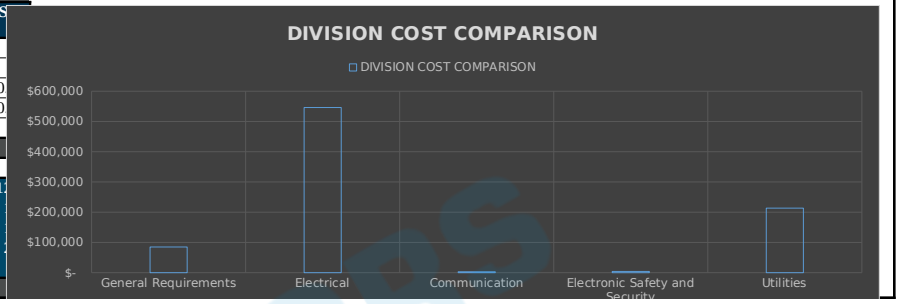
GENERAL SUMMARY

Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th PI, Ontario, or 97914
Project ID: 10092026
Scope: Electrical
No. Of Floors: 1
Date: 6-Oct-26

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BUILDING GSF	20,076		
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 85,000	$
26000	Electrical	$ 546,156	$
27000	Communication	$ 3,000	$ 0
28000	Electronic Safety and Security	$ 3,997	$ 0
33000	Utilities	$ 213,393	$
	TOTAL TRADE COST	$ 851,546	$
ERHEAD AND PROFIT (15%+1	30%	$ 255,464	$ 1
SUBCONTRACTOR MARGIN	10%	$ 24,415	$
INSURANCE	3%	$ 25,546	$
CONTINGENCY	5%	$ 42,577	$
TAX	0%	$ -	$
	SUGGESTED BID	$ 1,199,549	$



DETAILED BREAKDOWN OF ITEMS

Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th PI, Ontario, or 97914
Project ID: 10092026
Scope: Electrical

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			GENERAL REQUIREMENTS										
			ADMINISTRATIVE REQUIREMENTS										
1			Project Management & Coordination	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 45,000.00	$ 45,000.00
			TEMPORARY FACILITIES & CONTROLS										
2			Temporary Barriers and Enclosures	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 4,500.00	$ 4,500.00
3			Temporary Fire Protection & Weather Protection	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 3,500.00	$ 3,500.00
			EXECUTION & CLOSEOUT REQUIREMENT										
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 9,500.00	$ 9,500.00
			MISC.										
5			Mobilization / Demobilization	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 22,500.00	$ 22,500.00
												SUBTOTAL	**$ 85,000**
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
6			3/4" EMT Conduit	LF	363	10%	399	0.06	$ 60.45	$ 3.75	$ 1.76	$ 5.51	$ 2,199.02
7			1-1/4" EMT Conduit	LF	445	10%	490	0.08	$ 60.45	$ 4.84	$ 4.34	$ 9.17	$ 4,494.35
8		**For Solar**	2" EMT Conduit	LF	40	10%	44	0.10	$ 60.45	$ 6.05	$ 6.22	$ 12.27	$ 539.68
9			2" EMT Conduit	LF	211	10%	232	0.10	$ 60.45	$ 6.05	$ 6.22	$ 12.27	$ 2,841.26
10			2-1/2" EMT Conduit	LF	972	10%	1069	0.13	$ 60.45	$ 8.04	$ 9.42	$ 17.46	$ 18,658.42
11			3" EMT Conduit	LF	147	10%	162	0.16	$ 60.45	$ 9.67	$ 11.92	$ 21.59	$ 3,487.17
12			3/4" RGS Conduit	LF	24	10%	26	0.10	$ 60.45	$ 6.05	$ 4.50	$ 10.55	$ 278.39
			CONDUCTOR										
13			#12 CU THHN/THWN	LF	46	10%	50	0.007	$ 60.45	$ 0.42	$ 0.25	$ 0.67	$ 33.94
14			#10 CU THHN/THWN	LF	561	10%	617	0.008	$ 60.45	$ 0.48	$ 0.38	$ 0.86	$ 532.93
15			#8 CU THHN/THWN	LF	446	10%	490	0.009	$ 60.45	$ 0.54	$ 0.56	$ 1.10	$ 541.06
16			#6 CU THHN/THWN	LF	927	10%	1020	0.010	$ 60.45	$ 0.60	$ 0.86	$ 1.46	$ 1,493.35
17			#4 CU THHN/THWN	LF	510	10%	561	0.011	$ 60.45	$ 0.66	$ 1.32	$ 1.98	$ 1,112.90
18			#2 CU THHN/THWN	LF	1797	10%	1977	0.013	$ 60.45	$ 0.79	$ 2.07	$ 2.86	$ 5,645.35
19			#1 CU THHN/THWN	LF	328	10%	361	0.014	$ 60.45	$ 0.85	$ 2.26	$ 3.11	$ 1,121.61
20			#1/0 CU THHN/THWN	LF	723	10%	795	0.015	$ 60.45	$ 0.91	$ 2.77	$ 3.68	$ 2,923.15
21			#3/0 CU THHN/THWN	LF	120	10%	132	0.017	$ 60.45	$ 1.03	$ 4.31	$ 5.34	$ 702.22
22			#4/0 CU THHN/THWN	LF	3887	10%	4276	0.018	$ 60.45	$ 1.09	$ 5.37	$ 6.46	$ 27,612.33
23			#350 KCMIL CU THHN/THWN	LF	341	10%	375	0.030	$ 60.45	$ 1.81	$ 8.75	$ 10.56	$ 3,962.37
			LUGS										
24			Compression Lug CU With 1-Hole , #8 CU Wire	EA	24	0%	24	0.11	$ 60.45	$ 6.35	$ 2.64	$ 8.99	$ 215.69
25			Heat Shrink Tubing for #8 CU Wire	EA	24	0%	24	0.05	$ 60.45	$ 3.02	$ 0.50	$ 3.52	$ 84.54
26			Compression Lug CU With 1-Hole , #6 CU Wire	EA	36	0%	36	0.12	$ 60.45	$ 7.25	$ 3.55	$ 10.80	$ 388.94
27			Heat Shrink Tubing for #6 CU Wire	EA	36	0%	36	0.06	$ 60.45	$ 3.63	$ 0.60	$ 4.23	$ 152.17
28			Compression Lug CU With 1-Hole , #4 CU Wire	EA	8	0%	8	0.15	$ 60.45	$ 9.07	$ 4.55	$ 13.62	$ 108.94
29			Heat Shrink Tubing for #4 CU Wire	EA	8	0%	8	0.07	$ 60.45	$ 4.23	$ 0.75	$ 4.98	$ 39.85
30			Compression Lug CU With 1-Hole , #2 CU Wire	EA	52	0%	52	0.18	$ 60.45	$ 10.88	$ 6.52	$ 17.40	$ 904.85
31			Heat Shrink Tubing for #2 CU Wire	EA	52	0%	52	0.09	$ 60.45	$ 5.44	$ 0.90	$ 6.34	$ 329.71
32			Compression Lug CU With 1-Hole , #1 CU Wire	EA	24	0%	24	0.21	$ 60.45	$ 12.69	$ 8.05	$ 20.74	$ 497.87
33			Heat Shrink Tubing for #1 CU Wire	EA	24	0%	24	0.10	$ 60.45	$ 6.05	$ 1.00	$ 7.05	$ 169.08
34			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	8	0%	8	0.24	$ 60.45	$ 14.51	$ 9.56	$ 24.07	$ 192.54
35			Heat Shrink Tubing for #1/0 CU Wire	EA	8	0%	8	0.12	$ 60.45	$ 7.25	$ 1.20	$ 8.45	$ 67.63
36			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	16	0%	16	0.30	$ 60.45	$ 18.14	$ 14.35	$ 32.49	$ 519.76
37			Heat Shrink Tubing for #3/0 CU Wire	EA	16	0%	16	0.16	$ 60.45	$ 9.67	$ 1.75	$ 11.42	$ 182.75
38			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	72	0%	72	0.33	$ 60.45	$ 19.95	$ 17.98	$ 37.93	$ 2,730.85
39			Heat Shrink Tubing for #4/0 CU Wire	EA	72	0%	72	0.18	$ 60.45	$ 10.88	$ 2.05	$ 12.93	$ 931.03
40			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	48	0%	48	0.45	$ 60.45	$ 27.20	$ 32.25	$ 59.45	$ 2,853.72
41			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	48	0%	48	0.25	$ 60.45	$ 15.11	$ 3.28	$ 18.39	$ 882.84
			CIRCUIT BREAKER										
42			1P/15A Breaker	EA	3	0%	3	0.25	$ 60.45	$ 15.11	$ 16.64	$ 31.75	$ 95.26
43			1P/20A Breaker	EA	215	0%	215	0.25	$ 60.45	$ 15.11	$ 18.34	$ 33.45	$ 7,191.26
44			1P/20A Breaker, AFCI/GFCI	EA	19	0%	19	0.30	$ 60.45	$ 18.14	$ 84.08	$ 102.22	$ 1,942.16
45			1P/20A Breaker, GFCI	EA	22	0%	22	0.30	$ 60.45	$ 18.14	$ 74.88	$ 93.02	$ 2,046.33
46			1P/20A Breaker, GFCI, Shunt Trip Breaker	EA	1	0%	1	0.40	$ 60.45	$ 24.18	$ 145.60	$ 169.78	$ 169.78
47			1P/40A Breaker	EA	1	0%	1	0.30	$ 60.45	$ 18.14	$ 22.88	$ 41.02	$ 41.02
48			2P/15A Breaker	EA	5	0%	5	0.35	$ 60.45	$ 21.16	$ 43.68	$ 64.84	$ 324.19
49			2P/20A Breaker	EA	3	0%	3	0.35	$ 60.45	$ 21.16	$ 43.68	$ 64.84	$ 194.51
50			2P/25A Breaker	EA	18	0%	18	0.35	$ 60.45	$ 21.16	$ 46.80	$ 67.96	$ 1,223.24
51			2P/30A Breaker	EA	5	0%	5	0.35	$ 60.45	$ 21.16	$ 49.92	$ 71.08	$ 355.39
52			3P/15A Breaker	EA	1	0%	1	0.50	$ 60.45	$ 30.23	$ 135.20	$ 165.43	$ 165.43
53			3P/20A Breaker	EA	1	0%	1	0.50	$ 60.45	$ 30.23	$ 135.20	$ 165.43	$ 165.43
54			3P/30A Breaker	EA	1	0%	1	0.50	$ 60.45	$ 30.23	$ 145.60	$ 175.83	$ 175.83
55			3P/35A Breaker	EA	2	0%	2	0.50	$ 60.45	$ 30.23	$ 150.80	$ 181.03	$ 362.05
56			3P/40A Breaker	EA	4	0%	4	0.55	$ 60.45	$ 33.25	$ 156.00	$ 189.25	$ 756.99
57			3P/45A Breaker	EA	2	0%	2	0.55	$ 60.45	$ 33.25	$ 161.20	$ 194.45	$ 388.90
58			3P/100A Breaker	EA	4	0%	4	1.50	$ 60.45	$ 90.68	$ 364.00	$ 454.68	$ 1,818.70
59			3P/100A, 3PH GFP Breaker	EA	1	0%	1	1.75	$ 60.45	$ 105.79	$ 644.80	$ 750.59	$ 750.59
60			3P/200A Breaker	EA	2	0%	2	2.00	$ 60.45	$ 120.90	$ 676.00	$ 796.90	$ 1,593.80
61			3P/225 Breaker	EA	5	0%	5	2.00	$ 60.45	$ 120.90	$ 728.00	$ 848.90	$ 4,244.50
62		**For Future Solar PV**	3P/225 Breaker	EA	1	0%	1	2.00	$ 60.45	$ 120.90	$ 728.00	$ 848.90	$ 848.90
63			3P/250A Breaker	EA	1	0%	1	2.25	$ 60.45	$ 136.01	$ 780.00	$ 916.01	$ 916.01
64			3P/400A Breaker	EA	2	0%	2	3.00	$ 60.45	$ 181.35	$ 1,456.00	$ 1,637.35	$ 3,274.70
65			3P/600A Breaker	EA	1	0%	1	4.00	$ 60.45	$ 241.80	$ 2,288.00	$ 2,529.80	$ 2,529.80
66			3P/600A, 3PH GFP Breaker	EA	1	0%	1	4.50	$ 60.45	$ 272.03	$ 3,016.00	$ 3,288.03	$ 3,288.03
67			3P/2000A ARC Flash Breaker	EA	1	0%	1	8.21	$ 60.45	$ 496.29	$ 13,907.00	$ 14,403.29	$ 14,403.29
			PANEL										
68			2PA Panel: 225A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1	3.85	$ 60.45	$ 232.73	$ 1,844.34	$ 2,077.08	$ 2,077.08
69			2KA Panel: 225A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Sur	EA	1	0%	1	3.85	$ 60.45	$ 232.73	$ 1,844.34	$ 2,077.08	$ 2,077.08
70			2PB Panel: 225A, 120/208V, 3PH, 4W, 54 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1	5.50	$ 60.45	$ 332.48	$ 2,948.13	$ 3,280.60	$ 3,280.60
71			2MB Panel: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Sur	EA	1	0%	1	8.62	$ 60.45	$ 521.08	$ 4,015.70	$ 4,536.78	$ 4,536.78
72			2SBA Panel SEC 1: 600A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KA	EA	1	0%	1	12.40	$ 60.45	$ 749.58	$ 5,534.97	$ 6,284.55	$ 6,284.55
73			2SBA Panel SEC 2: 600A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KA	EA	1	0%	1	12.40	$ 60.45	$ 749.58	$ 5,534.97	$ 6,284.55	$ 6,284.55
74			2SBB Panel: 100A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Su	EA	1	0%	1	3.20	$ 60.45	$ 193.44	$ 1,426.12	$ 1,619.56	$ 1,619.56
75			2SBC Panel SEC 1: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KA	EA	1	0%	1	8.62	$ 60.45	$ 521.08	$ 4,015.70	$ 4,536.78	$ 4,536.78
76			2SBC Panel SEC 2: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KA	EA	1	0%	1	8.62	$ 60.45	$ 521.08	$ 4,015.70	$ 4,536.78	$ 4,536.78
77			2PC Panel: 225A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1	3.85	$ 60.45	$ 232.73	$ 1,844.34	$ 2,077.08	$ 2,077.08
78			2MDP: 2000A, 208Y/120V, 3PH, 4W, 42 Poles, 42 KAIC Main Distribution Switc	EA	1	0%	1	38.50	$ 60.45	$ 2,327.33	$ 22,869.00	$ 25,196.33	$ 25,196.33
79			2ELA Panel: 100A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Su	EA	1	0%	1	3.20	$ 60.45	$ 193.44	$ 1,426.12	$ 1,619.56	$ 1,619.56
80			2ELB Panel: 100A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Su	EA	1	0%	1	3.20	$ 60.45	$ 193.44	$ 1,426.12	$ 1,619.56	$ 1,619.56
81			2ITA Panel: 150A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1	3.15	$ 60.45	$ 190.42	$ 1,396.16	$ 1,586.58	$ 1,586.58
82			2ITB Panel: 75A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1	3.00	$ 60.45	$ 181.35	$ 1,137.37	$ 1,318.72	$ 1,318.72
			DEVICES										
83			ATS-LS: 100A, 208Y/120V, 3P, 3W, Auto Transfer Switch	EA	1	0%	1	2.15	$ 60.45	$ 129.97	$ 1,472.50	$ 1,602.47	$ 1,602.47
84			ATS-SB: 600A, 208Y/120V, 3P, Auto Transfer Switch	EA	1	0%	1	7.61	$ 60.45	$ 460.02	$ 6,044.79	$ 6,504.81	$ 6,504.81
85			5KVA Capacity Three Phase Emergency Lighting Inverter Single 3P/100A Outp	EA	1	0%	1	5.12	$ 60.45	$ 309.50	$ 4,115.78	$ 4,425.28	$ 4,425.28
86			Surge Protection Device	EA	3	0%	3	1.92	$ 60.45	$ 116.06	$ 347.02	$ 463.08	$ 1,389.25
			DISCONNECT SWITCH										
87			1P/15A Disconnect Switch, NEMA 3R	EA	3	0%	3	0.58	$ 60.45	$ 34.91	$ 59.80	$ 94.71	$ 284.13
88			1P/15A Fused Disconnect Switch, NEMA 3R	EA	3	0%	3	0.58	$ 60.45	$ 34.91	$ 69.00	$ 103.91	$ 311.73
89			1P/20A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2	0.58	$ 60.45	$ 34.91	$ 73.60	$ 108.51	$ 217.02
90			1P/25A Fused Disconnect Switch, NEMA 3R	EA	16	0%	16	0.58	$ 60.45	$ 34.91	$ 78.20	$ 113.11	$ 1,809.76
91			2P/25A Fusible Disconnect Switch, NEMA-3R	EA	2	0%	2	0.77	$ 60.45	$ 46.55	$ 165.60	$ 212.15	$ 424.29
92			3P/15A Disconnect Switch, NEMA 3R	EA	1	0%	1	0.77	$ 60.45	$ 46.55	$ 202.40	$ 248.95	$ 248.95
93			3P/30A Safety Disconnect Switch With Adjustable Frequency Drive, NEMA 3R	EA	1	0%	1	1.16	$ 60.45	$ 69.82	$ 322.00	$ 391.82	$ 391.82
94			3P/35A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2	0.77	$ 60.45	$ 46.55	$ 239.20	$ 285.75	$ 571.49
95			3P/40A Fused Disconnect Switch, NEMA 3R	EA	4	0%	4	0.77	$ 60.45	$ 46.55	$ 257.60	$ 304.15	$ 1,216.59
96			3P/45A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2	0.77	$ 60.45	$ 46.55	$ 276.00	$ 322.55	$ 645.09
			GROUNDING										
97			#3/0 Bare Copper	LF	40	10%	44	0.02	$ 60.45	$ 1.21	$ 4.50	$ 5.71	$ 251.20
98			#4 Copper Conductor	LF	20	10%	22	0.02	$ 60.45	$ 0.91	$ 1.80	$ 2.71	$ 59.55
99			#6 Copper Conductor	LF	20	10%	22	0.01	$ 60.45	$ 0.73	$ 1.20	$ 1.93	$ 42.36
100	**E201A, E201B,**		3/4" Dia x10' Copper Clad Ground Rod	EA	2	0%	2	1.00	$ 60.45	$ 60.45	$ 28.00	$ 88.45	$ 176.90
101	**E201C, E201D, E301A, E301B**		Ground Bus Bar	EA	1	0%	1	1.50	$ 60.45	$ 90.68	$ 120.00	$ 210.68	$ 210.68

DETAILED BREAKDOWN OF ITEMS

Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th Pl, Ontario, or 97914
Project ID: 10092026
Scope: Electrical

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Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
102	E301A, E301B, E301C, E301D, E302, E401, E501, E602, E603 & E604		Neutral Bus Bar	EA	1	0%	1	1.00	$ 60.45	$ 60.45	$ 90.00	$ 150.45	$ 150.45
			POWER										
			CONDUIT										
103			3/4" EMT Conduit	LF	12767	10%	14044	0.06	$ 60.45	$ 3.75	$ 1.76	$ 5.51	$ 77,341.41
104			3/4" RGS Conduit	LF	84	10%	92	0.10	$ 60.45	$ 6.05	$ 4.50	$ 10.55	$ 974.36
105			1" PVC SCH 40 Conduit	LF	15	10%	17	0.06	$ 60.45	$ 3.87	$ 1.81	$ 5.68	$ 93.73
			CONDUCTOR										
106			#12 CU THHN/THWN	LF	37479	10%	41227	0.007	$ 60.45	$ 0.42	$ 0.25	$ 0.67	$ 27,751.89
107			#10 CU THHN/THWN	LF	1272	10%	1399	0.008	$ 60.45	$ 0.48	$ 0.38	$ 0.86	$ 1,208.35
			DEVICE										
108			120V Equipment Connection	EA	10	0%	10	0.95	$ 60.45	$ 57.43	$ -	$ 57.43	$ 574.28
109			15A Equipment Connection	EA	2	0%	2	0.73	$ 60.45	$ 43.83	$ -	$ 43.83	$ 87.65
110			15A Toggle Switch	EA	17	0%	17	0.32	$ 60.45	$ 19.40	$ 20.99	$ 40.39	$ 686.71
111			30A Special Purpose Receptacle, NEMA 6-30R	EA	3	0%	3	0.41	$ 60.45	$ 24.78	$ 43.06	$ 67.84	$ 203.53
112			30A Twist Lock Receptacle	EA	1	0%	1	0.35	$ 60.45	$ 20.86	$ 32.00	$ 52.86	$ 52.86
113			30A, 208V Twist Lock Receptacle	EA	1	0%	1	0.36	$ 60.45	$ 21.46	$ 35.00	$ 56.46	$ 56.46
114			Double Duplex Receptacle	EA	4	0%	4	0.33	$ 60.45	$ 19.65	$ 22.14	$ 41.79	$ 167.15
115			Duplex Receptacle	EA	25	0%	25	0.30	$ 60.45	$ 17.83	$ 18.10	$ 35.93	$ 898.32
116			Duplex Receptacle, Below Counter	EA	1	0%	1	0.30	$ 60.45	$ 17.83	$ 18.10	$ 35.93	$ 35.93
117			Duplex Receptacle, GFCI	EA	4	0%	4	0.32	$ 60.45	$ 19.34	$ 22.00	$ 41.34	$ 165.38
118			Duplex Receptacle, GFCI, Above Counter	EA	22	0%	22	0.32	$ 60.45	$ 19.34	$ 22.00	$ 41.34	$ 909.57
119			Duplex Receptacle, GFCI, Above Counter, Hospital Grade	EA	1	0%	1	0.32	$ 60.45	$ 19.34	$ 22.00	$ 41.34	$ 41.34
120			Duplex Receptacle, GFCI, Tamper Resistant, Hospital Grade, With Vandal Proof, A	EA	2	0%	2	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 111.95
121			Duplex Receptacle, GFCI, WP	EA	3	0%	3	0.34	$ 60.45	$ 20.55	$ 28.00	$ 48.55	$ 145.66
122			Duplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade	EA	33	0%	33	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 1,847.24
123			Duplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade, Above Coun	EA	3	0%	3	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 167.93
124			Duplex Receptacle, Hospital Grade	EA	3	0%	3	0.30	$ 60.45	$ 17.83	$ 18.10	$ 35.93	$ 107.80
125			Duplex Receptacle, Hospital Grade TR With Vandal Proof Anti-Ligature Cover	EA	12	0%	12	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 671.72
126			Duplex Receptacle, NEMA 5-20R	EA	6	0%	6	0.30	$ 60.45	$ 17.83	$ 18.10	$ 35.93	$ 215.60
127			Duplex Receptacle, Tamper Resistant, Hospital Grade	EA	6	0%	6	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 335.86
128			Duplex Receptacle, Tamper Resistant, Hospital Grade, With Vandal Proof, Anti-Li	EA	33	0%	33	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 1,847.24
129			Duplex Receptacle, TR	EA	7	0%	7	0.37	$ 60.45	$ 22.43	$ 33.55	$ 55.98	$ 391.84
130			Duplex Receptacle, WP	EA	7	0%	7	0.34	$ 60.45	$ 20.55	$ 28.00	$ 48.55	$ 339.87
131			Half Switched Double Duplex Receptacle By Occupancy Sensor Relay	EA	2	0%	2	0.47	$ 60.45	$ 28.41	$ 50.27	$ 78.68	$ 157.36
132			Half Switched Duplex Receptacle By Occupancy Sensor Relay	EA	27	0%	27	0.47	$ 60.45	$ 28.41	$ 50.27	$ 78.68	$ 2,124.40
133			Half Switched Duplex Receptacle By Occupancy Sensor Relay, Flush Floor Mount	EA	2	0%	2	0.61	$ 60.45	$ 37.00	$ 72.20	$ 109.20	$ 218.39
134			Irrigation Controller	EA	1	0%	1	1.95	$ 60.45	$ 117.88	$ 249.99	$ 367.87	$ 367.87
135			Quadruplex Receptacle	EA	2	0%	2	0.34	$ 60.45	$ 20.55	$ 29.61	$ 50.16	$ 100.33
136			Quadruplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade	EA	11	0%	11	0.36	$ 60.45	$ 21.76	$ 38.10	$ 59.86	$ 658.48
137			Quadruplex Receptacle, Tamper Resistant, Hospital Grade, With Vandal Proof, Ant	EA	1	0%	1	0.36	$ 60.45	$ 21.76	$ 38.10	$ 59.86	$ 59.86
138			Single Pole Toggle Switch	EA	12	0%	12	0.21	$ 60.45	$ 12.69	$ 10.21	$ 22.90	$ 274.85
			LIGHTING										
			CONDUIT										
139			3/4" EMT Conduit	LF	6314	10%	6945	0.06	$ 60.45	$ 3.75	$ 1.76	$ 5.51	$ 38,247.80
			CONDUCTOR										
140			#12 CU THHN/THWN	LF	8273	10%	9101	0.007	$ 60.45	$ 0.42	$ 0.25	$ 0.67	$ 6,126.23
141			#10 CU THHN/THWN	LF	10668	10%	11734	0.008	$ 60.45	$ 0.48	$ 0.38	$ 0.86	$ 10,133.79
142			CAT5e Cable, WATTSTOPPER LMRJ	LF	1597	10%	1757	0.02	$ 60.45	$ 0.91	$ 0.25	$ 1.16	$ 2,032.00
			LIGHTING FIXTURES										
143			A5: Suspended LED Pendant W/Acoustical Felt Panels, FLEXXICA CONE SERI	EA	1	0%	1	1.05	$ 60.45	$ 63.40	$ 355.45	$ 418.85	$ 418.85
144			A7: Suspended LED Pendant W/ Acoustical Felt Panels, FLEXXICA CONE PET	EA	6	0%	6	1.05	$ 60.45	$ 63.40	$ 355.45	$ 418.85	$ 2,513.08
145			A7E: Suspended LED Pendant W/ Acoustical Felt Panels, FLEXXICA CONE PET	EA	9	0%	9	1.14	$ 60.45	$ 68.91	$ 382.79	$ 451.70	$ 4,065.31
146			A8: Surface Mounted LED Globe; Nominal 16in Diameter, LUMENWERX GLOI	EA	9	0%	9	1.20	$ 60.45	$ 72.77	$ 470.28	$ 543.05	$ 4,887.49
147			A8E: Surface Mounted LED Globe With 90 Minutes Battery Backup; Nominal 16i	EA	5	0%	5	1.28	$ 60.45	$ 77.18	$ 634.33	$ 711.52	$ 3,557.58
148			A9: Suspended LED Globe; Nominal 12in Diameter, LUMENWERX GLOBE SU	EA	5	0%	5	1.14	$ 60.45	$ 68.91	$ 309.88	$ 378.79	$ 1,893.95
149			A9E: Suspended LED Globe With 90 Minutes Battery Backup; Nominal 12in Dia	EA	1	0%	1	1.19	$ 60.45	$ 71.67	$ 410.13	$ 481.80	$ 481.80
150			B1: Suspended Linear LED; Direct Batwing Distribution; Indirect Batwing Distrib	EA	16	0%	16	1.00	$ 60.45	$ 60.64	$ 236.96	$ 297.61	$ 4,761.72
151			B1E: Suspended Linear LED With 90 Minutes Battery Backup; Direct Batwing Di	EA	12	0%	12	1.05	$ 60.45	$ 63.40	$ 328.10	$ 391.50	$ 4,698.05
152			C2: Recessed Linear LED for Along ACT Gridlines; Direct Lambertian Distributio	EA	6	0%	6	0.91	$ 60.45	$ 55.13	$ 218.74	$ 273.87	$ 1,643.20
153			C2E: Recessed Linear LED for Along ACT Gridlines With 90 Minutes Battery Ba	EA	7	0%	7	0.96	$ 60.45	$ 57.89	$ 309.88	$ 367.76	$ 2,574.34
154			D1: Recessed Round LED Downlight; 73-Degree Wide Flood Distribution; Nomin	EA	131	0%	131	0.68	$ 60.45	$ 41.35	$ 123.15	$ 164.50	$ 21,549.00
155			D1E: Recessed Round LED Downlight With 90 Minutes Battery Backup; 73-Degr	EA	40	0%	40	0.78	$ 60.45	$ 46.86	$ 209.62	$ 256.48	$ 10,259.31
156			D3: Ligature Resistant Recessed Round LED Downlight; 85-Degree Beam Distrib	EA	29	0%	29	1.00	$ 60.45	$ 60.64	$ 346.33	$ 406.98	$ 11,802.29
157			D4: Recessed Round LED Downlight; 73-Degree Wide Flood Distribution; Nomir	EA	13	0%	13	0.68	$ 60.45	$ 41.35	$ 145.82	$ 187.17	$ 2,433.23
158			D4E: Recessed Round LED Downlight With 90 Minutes Battery Backup; 73-Degr	EA	2	0%	2	0.78	$ 60.45	$ 46.86	$ 223.29	$ 270.15	$ 540.31
159			D5: Surface Mounted LED Disk; Nominal 16in Diameter x 0.5in Tall, HALO SM	EA	13	0%	13	0.82	$ 60.45	$ 49.62	$ 136.71	$ 186.33	$ 2,422.26
160			D5E: Surface Mounted LED Disk With 90 Minutes Battery Backup; Nominal 16in	EA	1	0%	1	0.87	$ 60.45	$ 52.37	$ 214.18	$ 266.55	$ 266.55
161			F1: Recessed Linear LED; Direct Batwing Distribution Only; Nominal 3.5in Wide	EA	18	0%	18	0.91	$ 60.45	$ 55.13	$ 200.51	$ 255.64	$ 4,601.49
162			F3: Recessed Linear LED; Direct Batwing Distribution Only; Nominal 3.5in Wide	EA	2	0%	2	1.19	$ 60.45	$ 71.67	$ 309.88	$ 381.55	$ 763.09
163			G1: Recessed LED Flat Panel; Nominal 24in Wide x 24in Long x 2.19in Deep, LI	EA	7	0%	7	0.78	$ 60.45	$ 46.86	$ 123.04	$ 169.90	$ 1,189.30
164			G1E: Recessed LED Flat Panel With 90 Minutes Battery Backup; Nominal 24in W	EA	4	0%	4	0.87	$ 60.45	$ 52.37	$ 200.51	$ 252.88	$ 1,011.53
165			H2: Wall Mounted Linear LED; Direct Asymmetric Distribution Away From Wall	EA	4	0%	4	2.74	$ 60.45	$ 165.39	$ 893.17	$ 1,058.56	$ 4,234.25
166			L2: Wall Mounted LED Sconce; 100-Degree Distribution; Anti-Ligature Luminair	EA	16	0%	16	0.91	$ 60.45	$ 55.13	$ 264.31	$ 319.44	$ 5,110.98
167			L3: Wall Mounted LED Globe Sconce; Nominal 4in Diameter Sphere, LUMENW	EA	16	0%	16	0.91	$ 60.45	$ 55.13	$ 236.96	$ 292.09	$ 4,673.51
168			SB1: Wall Mounted LED Sconce; Visual Comfort Forward Throw Distribution; N	EA	3	0%	3	0.91	$ 60.45	$ 55.13	$ 191.39	$ 246.52	$ 739.57
169			SB1E: Wall Mounted LED Sconce With 90 Minutes Battery Backup; Visual Comf	EA	10	0%	10	0.96	$ 60.45	$ 57.89	$ 273.42	$ 331.31	$ 3,313.07
170			SB2: Wall Mounted LED Sconce; Asymmetric Distribution; Nominal 5.875in Wid	EA	6	0%	6	0.82	$ 60.45	$ 49.62	$ 159.50	$ 209.11	$ 1,254.67
171			SB2E: Wall Mounted LED Sconce With 90 Minutes Battery Backup; Asymmetric	EA	8	0%	8	0.87	$ 60.45	$ 52.37	$ 236.96	$ 289.34	$ 2,314.70
172			SC1: Wall Mounted LED Cylinder W/ Fully Frosted Body; Nominal 2in Wide x 2.	EA	4	0%	4	1.00	$ 60.45	$ 60.64	$ 282.53	$ 343.18	$ 1,372.71
173			X: Universal Mounted Thin Profile Exit Sign; Nominal 8.5in Tall x 12in Wide x 0.	EA	26	0%	26	0.55	$ 60.45	$ 33.08	$ 86.58	$ 119.66	$ 3,111.19
174			Z1: Surface Mounted Linear LED Striplight; General Distribution; Nominal 3.5in	EA	6	0%	6	0.82	$ 60.45	$ 49.62	$ 118.48	$ 168.10	$ 1,008.60
175			Z1E: Surface Mounted Linear LED Striplight With 90 Minutes Battery Backup; G	EA	8	0%	8	0.87	$ 60.45	$ 52.37	$ 195.95	$ 248.32	$ 1,986.60
			LIGHTING CONTROL										
176			Lighting Relay Panel W/ Integral BACnet IP Integration / TCP Connection	EA	1	0%	1	4.83	$ 60.45	$ 291.67	$ 3,214.13	$ 3,505.80	$ 3,505.80
177			Passive Infrared With Integral "OFF" Switch	EA	1	0%	1	0.66	$ 60.45	$ 39.90	$ 62.22	$ 102.12	$ 102.12
178			Continuous Diming Photocell	EA	11	0%	11	0.53	$ 60.45	$ 31.92	$ 69.54	$ 101.46	$ 1,116.03
179			Photo Electric Switch	EA	4	0%	4	0.44	$ 60.45	$ 26.60	$ 40.26	$ 66.86	$ 267.43
180			Single Pole Interval Timer Switch	EA	3	0%	3	0.53	$ 60.45	$ 31.92	$ 47.58	$ 79.50	$ 238.49
181			Single Pole Pilot Light Switch	EA	1	0%	1	0.44	$ 60.45	$ 26.60	$ 20.50	$ 47.09	$ 47.09
182			Single Pole Key Operated Switch With Ligature Resistant Lighting Control	EA	6	0%	6	0.66	$ 60.45	$ 39.90	$ 80.52	$ 120.42	$ 722.50
183			Single Pole Key Operated Switch	EA	9	0%	9	0.53	$ 60.45	$ 31.92	$ 32.94	$ 64.86	$ 583.72
184			Single Pole Low Voltage Dimmer Switch With Ligature Resistant Lighting Control	EA	50	0%	50	0.55	$ 60.45	$ 33.25	$ 49.96	$ 83.21	$ 4,160.33
185			Single Pole Low Voltage Dimmer Switch	EA	17	0%	17	0.53	$ 60.45	$ 31.92	$ 47.58	$ 79.50	$ 1,351.46
186			Single Pole Low Voltage Switch With Ligature Resistant Lighting Control	EA	2	0%	2	0.62	$ 60.45	$ 37.24	$ 69.54	$ 106.78	$ 213.55
187			Single Pole Low Voltage Switch	EA	5	0%	5	0.48	$ 60.45	$ 29.26	$ 25.62	$ 54.88	$ 274.39
188			Single Pole Switch	EA	10	0%	10	0.35	$ 60.45	$ 21.28	$ 4.39	$ 25.67	$ 256.70
189			Dual Technology Occupancy Sensor	EA	58	0%	58	0.57	$ 60.45	$ 34.58	$ 47.58	$ 82.16	$ 4,765.13
190			Passive Infrared Occupancy Sensor	EA	9	0%	9	0.53	$ 60.45	$ 31.92	$ 40.26	$ 72.18	$ 649.60
191			Ultrasonic, 360 Deg Range Occupancy Sensor	EA	5	0%	5	0.57	$ 60.45	$ 34.58	$ 51.24	$ 85.82	$ 429.09
192			Ultrasonic, Hallway Pattern Occupancy Sensor	EA	10	0%	10	0.57	$ 60.45	$ 34.58	$ 54.90	$ 89.48	$ 894.77
193			Receptacle Control Module, WATTSTOPPER LMPL	EA	2	0%	2	0.53	$ 60.45	$ 31.92	$ 62.22	$ 94.14	$ 188.28
194			Digital Network Bridge	EA	2	0%	2	0.88	$ 60.45	$ 53.20	$ 161.04	$ 214.24	$ 428.47
195			Photosensor	EA	2	0%	2	0.44	$ 60.45	$ 26.60	$ 43.92	$ 70.52	$ 141.04
196			Wall Controller	EA	2	0%	2	0.66	$ 60.45	$ 39.90	$ 106.14	$ 146.04	$ 292.07
197			Additional Wall Controller	EA	2	0%	2	0.57	$ 60.45	$ 34.58	$ 80.52	$ 115.10	$ 230.19
			MISCELLANEOUS										
198			Junction Box	EA	34	0%	34	0.44	$ 60.45	$ 26.60	$ 15.04	$ 41.64	$ 1,415.69
			SAW CUT										
199			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	15	0%	15	0.22	$ 60.45	$ 13.30	$ 0.85	$ 14.15	$ 212.24
												SUBTOTAL	**$ 546,156**
			COMMUNICATION										
			SECURITY										
	E-401		**DEVICES**										
200			Access Control Panel	EA	2	0%	2	3.92	$ 76.49	$ 299.84	$ 1,200.00	$ 1,499.84	$ 2,999.68
												SUBTOTAL	**$ 3,000**
			ELECTRONIC SAFETY AND SECURITY										
			FIRE ALARM										
	E-401		**DEVICES**										
201			Fire Alarm Control Panel	EA	1	0%	1	6.50	$ 76.49	$ 497.19	$ 3,500.00	$ 3,997.19	$ 3,997.19
												SUBTOTAL	**$ 3,997**
			UTILITIES										
			DISTRIBUTION										
			CONDUIT										
202			1-1/4" EMT Conduit	LF	34	10%	38	0.08	$ 60.45	$ 4.84	$ 4.34	$ 9.17	$ 346.34
203		For Future	1" PVC SCH 40 Conduit	LF	30	10%	33	0.06	$ 60.45	$ 3.87	$ 1.81	$ 5.68	$ 187.47
204		For Future EV Service	3" PVC SCH 40 Conduit W/ Pull Cord	LF	87	10%	96	0.15	$ 60.45	$ 8.77	$ 6.72	$ 15.49	$ 1,481.94
205			3" PVC SCH 40 Conduit	LF	927	10%	1020	0.15	$ 60.45	$ 8.77	$ 6.60	$ 15.37	$ 15,667.95
206		Assumed	3" PVC SCH 40 Conduit With Pull Cord (For Data Service)	LF	40	10%	44	0.15	$ 60.45	$ 8.77	$ 6.72	$ 15.49	$ 681.35
207			4" PVC SCH 40 Conduit W/ Pull Cord	LF	439	10%	483	0.18	$ 60.45	$ 10.76	$ 8.92	$ 19.68	$ 9,496.81
			CONDUCTOR										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th PI, Ontario, or 97914
Project ID: 10092026
Scope: Electrical

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
208			#8 CU THHN/THWN	LF	34	10%	38	0.009	$ 60.45	$ 0.54	$ 0.56	$ 1.10	$ 41.66
209			#2 CU THHN/THWN	LF	137	10%	151	0.013	$ 60.45	$ 0.79	$ 2.07	$ 2.86	$ 431.38
210			#1 CU THHN/THWN	LF	67	10%	73	0.014	$ 60.45	$ 0.85	$ 2.26	$ 3.11	$ 227.29
211			#350 KCMIL CU THHN/THWN	LF	266	10%	293	0.030	$ 60.45	$ 1.81	$ 8.75	$ 10.56	$ 3,091.58
212			#400 KCMIL CU THHN/THWN	LF	3454	10%	3799	0.032	$ 60.45	$ 1.93	$ 9.95	$ 11.88	$ 45,151.50
			LUGS										
213			Compression Lug CU With 1-Hole , #8 CU Wire	EA	2	0%	2	0.11	$ 60.45	$ 6.35	$ 2.64	$ 8.99	$ 17.97
214			Heat Shrink Tubing for #8 CU Wire	EA	2	0%	2	0.05	$ 60.45	$ 3.02	$ 0.50	$ 3.52	$ 7.05
215			Compression Lug CU With 1-Hole , #2 CU Wire	EA	8	0%	8	0.18	$ 60.45	$ 10.88	$ 6.52	$ 17.40	$ 139.21
216			Heat Shrink Tubing for #2 CU Wire	EA	8	0%	8	0.09	$ 60.45	$ 5.44	$ 0.90	$ 6.34	$ 50.72
217			Compression Lug CU With 1-Hole , #1 CU Wire	EA	4	0%	4	0.21	$ 60.45	$ 12.69	$ 8.05	$ 20.74	$ 82.98
218			Heat Shrink Tubing for #1 CU Wire	EA	4	0%	4	0.10	$ 60.45	$ 6.05	$ 1.00	$ 7.05	$ 28.18
219			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16	0.45	$ 60.45	$ 27.20	$ 32.25	$ 59.45	$ 951.24
220			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16	0.25	$ 60.45	$ 15.11	$ 3.28	$ 18.39	$ 294.28
221			Compression Lug CU With 1-Hole , #400 KCMIL CU Wire	EA	48	0%	48	0.50	$ 60.45	$ 29.92	$ 36.98	$ 66.90	$ 3,211.33
222			Heat Shrink Tubing for #400 KCMIL CU Wire	EA	48	0%	48	0.28	$ 60.45	$ 16.93	$ 3.55	$ 20.48	$ 982.85
			CIRCUIT BREAKER										
223		**For Future**	2P/40A Breaker	EA	1	0%	1	0.35	38.00	$ 13.30	$ 55.00	$ 68.30	$ 68.30
224			3P/800A Breaker	EA	1	0%	1	3.62	48.00	$ 173.76	$ 3,812.47	$ 3,986.23	$ 3,986.23
			DEVICES										
225			500KVA Utility Transformer	EA	1	0%	1	0.00	$ 60.45	$ -	$ -	$ -	$ -
226		**Provided By Utility**	Utility Meter	EA	1	0%	1	0.00	$ 60.45	$ -	$ -	$ -	$ -
227			Utility Transformer Vault	EA	1	0%	1	0.00	$ 60.45	$ -	$ -	$ -	$ -
228		**For Future**	Site Vault For EV	EA	3	0%	3	4.12	$ 60.45	$ 249.05	$ 1,452.20	$ 1,701.25	$ 5,103.76
229			150KW Genset, Natural Gas, Enclosure NFPA 110 Rated With Cold Weather Kit E	EA	1	0%	1	55.00	$ 60.45	$ 3,324.75	$ 46,289.00	$ 49,613.75	$ 49,613.75
230			4" Generator Concrete Pad	EA	1	0%	1	2.50	$ 60.45	$ 151.13	$ 1,025.10	$ 1,176.23	$ 1,176.23
231			Engine Cranking Motor	EA	1	0%	1	2.10	$ 60.45	$ 126.95	$ 389.55	$ 516.50	$ 516.50
232	**E101, E703**		Battery Charger	EA	1	0%	1	2.00	$ 60.45	$ 120.90	$ 650.00	$ 770.90	$ 770.90
233			Automatic Transfer Switch	EA	1	0%	1	24.00	$ 60.45	$ 1,450.80	$ 18,000.00	$ 19,450.80	$ 19,450.80
234			Remote Annunciator	EA	1	0%	1	3.00	$ 60.45	$ 181.35	$ 950.00	$ 1,131.35	$ 1,131.35
235			1-1/2" PVC SCH 40 Conduit	LF	3	10%	3	0.08	$ 60.45	$ 4.84	$ 2.84	$ 7.68	$ 25.34
236			1" PVC SCH 40 Conduit	LF	3	10%	3	0.06	$ 60.45	$ 3.87	$ 1.81	$ 5.68	$ 18.75
237			Belt Driven Battery Charging Alternator System	EA	1	0%	1	2.41	$ 60.45	$ 145.68	$ 650.00	$ 795.68	$ 795.68
238			Voltage Regulator	EA	1	0%	1	3.10	$ 60.45	$ 187.40	$ 850.00	$ 1,037.40	$ 1,037.40
239			Engine Generator Control Panel, 24 Volt D.C.	EA	1	0%	1	4.55	$ 60.45	$ 275.05	$ 2,800.00	$ 3,075.05	$ 3,075.05
240			Engine Cranking Battery	EA	1	0%	1	2.10	$ 60.45	$ 126.95	$ 389.55	$ 516.50	$ 516.50
241			Engine Cranking Motor Solenoid	EA	1	0%	1	1.15	$ 60.45	$ 69.52	$ 179.21	$ 248.73	$ 248.73
242			Servicing Receptacle On Emergency Power	EA	1	0%	1	0.45	$ 60.45	$ 27.20	$ 58.10	$ 85.30	$ 85.30
243			Engine Cooling Water Jacket Heater, W/ Integral Thermostat	EA	1	0%	1	1.65	$ 60.45	$ 99.74	$ 310.70	$ 410.44	$ 410.44
244			Surface Mounted LED Luminaire, 16 Guage Heavy Duty One Piece Cold Rolled St	EA	1	0%	1	0.85	$ 60.45	$ 51.38	$ 119.21	$ 170.59	$ 170.59
245			Neutral & Ground Bar	EA	2	0%	2	1.60	$ 60.45	$ 96.72	$ 215.20	$ 311.92	$ 623.84
246		**For Future**	Utility Meter (By Utility)	EA	1	0%	1	0.00	$ 60.45	$ -	$ -	$ -	$ -
247			Utility Transformer (By Utility)	EA	1	0%	1	0.00	$ 60.45	$ -	$ -	$ -	$ -
248			Utility Transformer Vault (By Utility)	EA	1	0%	1	0.00	$ 60.45	$ -	$ -	$ -	$ -
249			EV Charger MDP: 800A, 208Y/120V, 3P, 4W	EA	1	0%	1	22.15	$ 60.45	$ 1,338.97	$ 7,080.82	$ 8,419.79	$ 8,419.79
			SITE LIGHTING										
			CONDUIT										
250			3/4" EMT Conduit	LF	120	10%	132	0.06	$ 60.45	$ 3.75	$ 1.76	$ 5.51	$ 726.95
251			3/4" PVC SCH 40 Conduit	LF	341	10%	375	0.06	$ 60.45	$ 3.32	$ 1.33	$ 4.66	$ 1,746.75
			CONDUCTOR							$ -			
252			#12 CU THHN/THWN	LF	252	10%	277	0.007	$ 60.45	$ 0.42	$ 0.25	$ 0.67	$ 186.60
253			#10 CU THHN/THWN	LF	1131	10%	1244	0.008	$ 60.45	$ 0.48	$ 0.38	$ 0.86	$ 1,074.40
			LIGHTING FIXTURES										
254			SF1: Grade Mounted LED Column; Symmetric Wide Distribution; Nominal 5.7in	EA	2	0%	2	2.02	$ 60.45	$ 122.11	$ 1,450.00	$ 1,572.11	$ 3,144.22
255			SA2: Site Area Pole Mounted LED; Type 3 Medium Distribution; Nominal 14in W	EA	1	0%	1	3.12	$ 60.45	$ 188.60	$ 780.00	$ 968.60	$ 968.60
256			SA3: Site Area Pole Mounted LED; Type 5 Wide Distribution; Nominal 14in Wid	EA	2	0%	2	3.12	$ 60.45	$ 188.60	$ 780.00	$ 968.60	$ 1,937.21
257			20' Round Pole	EA	3	0%	3	4.68	$ 60.45	$ 282.91	$ 1,650.00	$ 1,932.91	$ 5,798.72
258			Anchor Bolt	EA	12	0%	12	0.39	$ 60.45	$ 23.58	$ 45.00	$ 68.58	$ 822.91
259			Concrete Base	EA	3	0%	3	2.34	$ 60.45	$ 141.45	$ 850.00	$ 991.45	$ 2,974.36
			MISCELLANEOUS										
			TRENCHING & BACKFILLING										
260			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1952	0%	1952	0.05	$ 60.45	$ 3.02	$ 4.25	$ 7.27	$ 14,195.92
												SUBTOTAL	**$ 213,393**

PROJECTED COST		**$851,546**
OVERHEAD AND PROFIT (15%+15%)	**30%**	**$255,464**
SUBCONTRACTOR MARGIN	**10%**	**$24,415**
INSURANCE	**3%**	**$25,546**
CONTINGENCY	**5%**	**$42,577**
TAX	**0%**	**$0**
SUGGESTED BID		**$1,199,549**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.
2. Only the Fire Alarm Panel and Access Control Panel were shown on the plans. No additional device layouts or detailed work for communication or fire alarm systems were provided.

MATERIAL LIST

Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th PI, Ontario, or 97914
Project ID: 10092026
Scope: Electrical

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			ELECTRICAL				
			DISTRIBUTION				
			CONDUIT (1 CUT LENGTH = 10 LF)				
1			3/4" EMT Conduit	EA	36	10%	40
2			1-1/4" EMT Conduit	EA	45	10%	49
3		**For Solar**	2" EMT Conduit	EA	4	10%	4
4			2" EMT Conduit	EA	21	10%	23
5			2-1/2" EMT Conduit	EA	97	10%	107
6			3" EMT Conduit	EA	15	10%	16
7			3/4" RGS Conduit	EA	2	10%	3
			CONDUCTOR (1 ROLL = 200 LF)				
8			#12 CU THHN/THWN	ROLL	1	10%	1
9			#10 CU THHN/THWN	ROLL	3	10%	3
10			#8 CU THHN/THWN	ROLL	2	10%	2
11			#6 CU THHN/THWN	ROLL	5	10%	5
12			#4 CU THHN/THWN	ROLL	3	10%	3
13			#2 CU THHN/THWN	ROLL	9	10%	10
14			#1 CU THHN/THWN	ROLL	2	10%	2
15			#1/0 CU THHN/THWN	ROLL	4	10%	4
16			#3/0 CU THHN/THWN	ROLL	1	10%	1
17			#4/0 CU THHN/THWN	ROLL	19	10%	21
18			#350 KCMIL CU THHN/THWN	ROLL	2	10%	2
			LUGS				
19			Compression Lug CU With 1-Hole , #8 CU Wire	EA	24	0%	24
20			Heat Shrink Tubing for #8 CU Wire	EA	24	0%	24
21			Compression Lug CU With 1-Hole , #6 CU Wire	EA	36	0%	36
22			Heat Shrink Tubing for #6 CU Wire	EA	36	0%	36
23			Compression Lug CU With 1-Hole , #4 CU Wire	EA	8	0%	8
24			Heat Shrink Tubing for #4 CU Wire	EA	8	0%	8
25			Compression Lug CU With 1-Hole , #2 CU Wire	EA	52	0%	52
26			Heat Shrink Tubing for #2 CU Wire	EA	52	0%	52
27			Compression Lug CU With 1-Hole , #1 CU Wire	EA	24	0%	24
28			Heat Shrink Tubing for #1 CU Wire	EA	24	0%	24
29			Compression Lug CU With 1-Hole , #1/0 CU Wire	EA	8	0%	8
30			Heat Shrink Tubing for #1/0 CU Wire	EA	8	0%	8
31			Compression Lug CU With 1-Hole , #3/0 CU Wire	EA	16	0%	16
32			Heat Shrink Tubing for #3/0 CU Wire	EA	16	0%	16
33			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	72	0%	72
34			Heat Shrink Tubing for #4/0 CU Wire	EA	72	0%	72
35			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	48	0%	48
36			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	48	0%	48
			CIRCUIT BREAKER				
37			1P/15A Breaker	EA	3	0%	3
38			1P/20A Breaker	EA	215	0%	215
39			1P/20A Breaker, AFCI/GFCI	EA	19	0%	19
40			1P/20A Breaker, GFCI	EA	22	0%	22
41			1P/20A Breaker, GFCI, Shunt Trip Breaker	EA	1	0%	1
42			1P/40A Breaker	EA	1	0%	1
43			2P/15A Breaker	EA	5	0%	5
44			2P/20A Breaker	EA	3	0%	3
45			2P/25A Breaker	EA	18	0%	18
46			2P/30A Breaker	EA	5	0%	5
47			3P/15A Breaker	EA	1	0%	1
48			3P/20A Breaker	EA	1	0%	1
49			3P/30A Breaker	EA	1	0%	1
50			3P/35A Breaker	EA	2	0%	2
51			3P/40A Breaker	EA	4	0%	4
52			3P/45A Breaker	EA	2	0%	2
53			3P/100A Breaker	EA	4	0%	4
54			3P/100A, 3PH GFP Breaker	EA	1	0%	1
55			3P/200A Breaker	EA	2	0%	2
56			3P/225 Breaker	EA	5	0%	5
57		**For Future Solar PV**	3P/225 Breaker	EA	1	0%	1
58			3P/250A Breaker	EA	1	0%	1
59			3P/400A Breaker	EA	2	0%	2
60			3P/600A Breaker	EA	1	0%	1
61			3P/600A, 3PH GFP Breaker	EA	1	0%	1
62			3P/2000A ARC Flash Breaker	EA	1	0%	1
			PANEL				
63			2PA Panel: 225A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1
64			2KA Panel: 225A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Su	EA	1	0%	1
65			2PB Panel: 225A, 120/208V, 3PH, 4W, 54 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1
66			2MB Panel: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Su	EA	1	0%	1
67			2SBA Panel SEC 1: 600A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22K	EA	1	0%	1
68			2SBA Panel SEC 2: 600A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22K	EA	1	0%	1

MATERIAL LIST

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Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
69			2SBB Panel: 100A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, S	EA	1	0%	1
70			2SBC Panel SEC 1: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22K	EA	1	0%	1
71			2SBC Panel SEC 2: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22K	EA	1	0%	1
72			2PC Panel: 225A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1
73			2MDP: 2000A, 208Y/120V, 3PH, 4W, 42 KAIC Main Distribution Switchboard W	EA	1	0%	1
74			2ELA Panel: 100A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, S	EA	1	0%	1
75			2ELB Panel: 100A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, S	EA	1	0%	1
76			2ITA Panel: 150A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1
77			2ITB Panel: 75A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC	EA	1	0%	1
			DEVICES				
78			ATS-LS: 100A, 208Y/120V, 3P, 3W, Auto Transfer Switch	EA	1	0%	1
79			ATS-SB: 600A, 208Y/120V, 3P, Auto Transfer Switch	EA	1	0%	1
80			5KVA Capacity Three Phase Emergency Lighting Inverter Single 3P/100A Outp	EA	1	0%	1
81			Surge Protection Device	EA	3	0%	3
			DISCONNECT SWITCH				
82			1P/15A Disconnect Switch, NEMA 3R	EA	3	0%	3
83			1P/15A Fused Disconnect Switch, NEMA 3R	EA	3	0%	3
84			1P/20A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2
85			1P/25A Fused Disconnect Switch, NEMA 3R	EA	16	0%	16
86			2P/25A Fusible Disconnect Switch, NEMA-3R	EA	2	0%	2
87			3P/15A Disconnect Switch, NEMA 3R	EA	1	0%	1
88			3P/30A Safety Disconnect Switch With Adjustable Frequency Drive, NEMA 3R	EA	1	0%	1
89			3P/35A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2
90			3P/40A Fused Disconnect Switch, NEMA 3R	EA	4	0%	4
91			3P/45A Fused Disconnect Switch, NEMA 3R	EA	2	0%	2
			GROUNDING				
92			#3/0 Bare Copper	ROLL	1	10%	1
93			#4 Copper Conductor	ROLL	1	10%	1
94			#6 Copper Conductor	ROLL	1	10%	1
95	**E201A, E201B, E201C, E201D, E301A, E301B, E301C, E301D, E302, E401, E501, E602, E603 & E604**		3/4" Dia x10' Copper Clad Ground Rod	EA	2	0%	2
96			Ground Bus Bar	EA	1	0%	1
97			Neutral Bus Bar	EA	1	0%	1
			POWER				
			CONDUIT (1 CUT LENGTH = 10 LF)				
98			3/4" EMT Conduit	EA	1277	10%	1404
99			3/4" RGS Conduit	EA	8	10%	9
100			1" PVC SCH 40 Conduit	EA	2	10%	2
			CONDUCTOR (1 ROLL = 200 LF)				
101			#12 CU THHN/THWN	ROLL	187	10%	206
102			#10 CU THHN/THWN	ROLL	6	10%	7
			DEVICE				
103			120V Equipment Connection	EA	10	0%	10
104			15A Equipment Connection	EA	2	0%	2
105			15A Toggle Switch	EA	17	0%	17
106			30A Special Purpose Receptacle, NEMA 6-30R	EA	3	0%	3
107			30A Twist Lock Receptacle	EA	1	0%	1
108			30A, 208V Twist Lock Receptacle	EA	1	0%	1
109			Double Duplex Receptacle	EA	4	0%	4
110			Duplex Receptacle	EA	25	0%	25
111			Duplex Receptacle, Below Counter	EA	1	0%	1
112			Duplex Receptacle, GFCI	EA	4	0%	4
113			Duplex Receptacle, GFCI, Above Counter	EA	22	0%	22
114			Duplex Receptacle, GFCI, Above Counter, Hospital Grade	EA	1	0%	1
115			Duplex Receptacle, GFCI, Tamper Resistant, Hospital Grade, With Vandal Proof,	EA	2	0%	2
116			Duplex Receptacle, GFCI, WP	EA	3	0%	3
117			Duplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade	EA	33	0%	33
118			Duplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade, Above Cour	EA	3	0%	3
119			Duplex Receptacle, Hospital Grade	EA	3	0%	3
120			Duplex Receptacle, Hospital Grade TR With Vandal Proof Anti-Ligature Cover	EA	12	0%	12
121			Duplex Receptacle, NEMA 5-20R	EA	6	0%	6
122			Duplex Receptacle, Tamper Resistant, Hospital Grade	EA	6	0%	6
123			Duplex Receptacle, Tamper Resistant, Hospital Grade, With Vandal Proof, Anti-Li	EA	33	0%	33
124			Duplex Receptacle, TR	EA	7	0%	7
125			Duplex Receptacle, WP	EA	7	0%	7
126			Half Switched Double Duplex Receptacle By Occupancy Sensor Relay	EA	2	0%	2
127			Half Switched Duplex Receptacle By Occupancy Sensor Relay	EA	27	0%	27
128			Half Switched Duplex Receptacle By Occupancy Sensor Relay, Flush Floor Mount	EA	2	0%	2
129			Irrigation Controller	EA	1	0%	1
130			Quadruplex Receptacle	EA	2	0%	2
131			Quadruplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade	EA	11	0%	11
132			Quadruplex Receptacle, Tamper Resistant, Hospital Grade, With Vandal Proof, An	EA	1	0%	1
133			Single Pole Toggle Switch	EA	12	0%	12
			LIGHTING				
			CONDUIT (1 CUT LENGTH = 10 LF)				
134			3/4" EMT Conduit	EA	632	10%	695
			CONDUCTOR (1 ROLL = 200 LF)				
135			#12 CU THHN/THWN	ROLL	41	10%	46
136			#10 CU THHN/THWN	ROLL	53	10%	59
137			CAT5e Cable, WATTSTOPPER LMRJ	ROLL	8	10%	9
			LIGHTING FIXTURES				
138			A5: Suspended LED Pendant W/Acoustical Felt Panels, FLEXXICA CONE SERI	EA	1	0%	1
139			A7: Suspended LED Pendant W/ Acoustical Felt Panels, FLEXXICA CONE PET	EA	6	0%	6
140			A7E: Suspended LED Pendant W/ Acoustical Felt Panels, FLEXXICA CONE PE	EA	9	0%	9
141			A8: Surface Mounted LED Globe; Nominal 16in Diameter, LUMENWERX GLO	EA	9	0%	9
142			A8E: Surface Mounted LED Globe With 90 Minutes Battery Backup; Nominal 16i	EA	5	0%	5
143			A9: Suspended LED Globe; Nominal 12in Diameter, LUMENWERX GLOBE SU	EA	5	0%	5
144			A9E: Suspended LED Globe With 90 Minutes Battery Backup; Nominal 12in Dia	EA	1	0%	1
145			B1: Suspended Linear LED; Direct Batwing Distribution; Indirect Batwing Distrib	EA	16	0%	16
146			B1E: Suspended Linear LED With 90 Minutes Battery Backup; Direct Batwing Di	EA	12	0%	12

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
147			C2: Recessed Linear LED for Along ACT Gridlines; Direct Lambertian Distributio	EA	6	0%	6
148			C2E: Recessed Linear LED for Along ACT Gridlines With 90 Minutes Battery Ba	EA	7	0%	7
149			D1: Recessed Round LED Downlight; 73-Degree Wide Flood Distribution; Nomir	EA	131	0%	131
150			D1E: Recessed Round LED Downlight With 90 Minutes Battery Backup; 73-Degr	EA	40	0%	40
151			D3: Ligature Resistant Recessed Round LED Downlight; 85-Degree Beam Distrib	EA	29	0%	29
152			D4: Recessed Round LED Downlight; 73-Degree Wide Flood Distribution; Nomir	EA	13	0%	13
153			D4E: Recessed Round LED Downlight With 90 Minutes Battery Backup; 73-Degr	EA	2	0%	2
154			D5: Surface Mounted LED Disk; Nominal 16in Diameter x 0.5in Tall, HALO SM1	EA	13	0%	13
155			D5E: Surface Mounted LED Disk With 90 Minutes Battery Backup; Nominal 16in	EA	1	0%	1
156			F1: Recessed Linear LED; Direct Batwing Distribution Only; Nominal 3.5in Wide	EA	18	0%	18
157			F3: Recessed Linear LED; Direct Batwing Distribution Only; Nominal 3.5in Wide	EA	2	0%	2
158			G1: Recessed LED Flat Panel; Nominal 24in Wide x 24in Long x 2.19in Deep, LI	EA	7	0%	7
159			G1E: Recessed LED Flat Panel With 90 Minutes Battery Backup; Nominal 24in W	EA	4	0%	4
160			H2: Wall Mounted Linear LED; Direct Asymmetric Distribution Away From Wall	EA	4	0%	4
161			L2: Wall Mounted LED Sconce; 100-Degree Distribution; Anti-Ligature Luminair	EA	16	0%	16
162			L3: Wall Mounted LED Globe Sconce; Nominal 4in Diameter Sphere, LUMENW	EA	16	0%	16
163			SB1: Wall Mounted LED Sconce; Visual Comfort Forward Throw Distribution; N	EA	3	0%	3
164			SB1E: Wall Mounted LED Sconce With 90 Minutes Battery Backup; Visual Comf	EA	10	0%	10
165			SB2: Wall Mounted LED Sconce; Asymmetric Distribution; Nominal 5.875in Wid	EA	6	0%	6
166			SB2E: Wall Mounted LED Sconce With 90 Minutes Battery Backup; Asymmetric	EA	8	0%	8
167			SC1: Wall Mounted LED Cylinder W/ Fully Frosted Body; Nominal 2in Wide x 2.	EA	4	0%	4
168			X: Universal Mounted Thin Profile Exit Sign; Nominal 8.5in Tall x 12in Wide x 0.	EA	22	0%	22
169			X, Wall Mounted	EA	4	0%	4
170			Z1: Surface Mounted Linear LED Striplight; General Distribution; Nominal 3.5in	EA	6	0%	6
171			Z1E: Surface Mounted Linear LED Striplight With 90 Minutes Battery Backup; G	EA	8	0%	8
			LIGHTING CONTROL				
172			Lighting Relay Panel	EA	1	0%	1
173			Passive Infrared With Integral "OFF" Switch	EA	1	0%	1
174			Continuous Diming Photocell	EA	11	0%	11
175			Photo Electric Switch	EA	4	0%	4
176			Single Pole Interval Timer Switch	EA	3	0%	3
177			Single Pole Pilot Light Switch	EA	1	0%	1
178			Single Pole Key Operated Switch With Ligature Resistant Lighting Control	EA	6	0%	6
179			Single Pole Key Operated Switch	EA	9	0%	9
180			Single Pole Low Voltage Dimmer Switch With Ligature Resistant Lighting Contro	EA	50	0%	50
181			Single Pole Low Voltage Dimmer Switch	EA	17	0%	17
182			Single Pole Low Voltage Switch With Ligature Resistant Lighting Control	EA	2	0%	2
183			Single Pole Low Voltage Switch	EA	5	0%	5
184			Single Pole Switch	EA	10	0%	10
185			Dual Technology Occupancy Sensor	EA	58	0%	58
186			Passive Infrared Occupancy Sensor	EA	9	0%	9
187			Ultrasonic, 360 Deg Range Occupancy Sensor	EA	5	0%	5
188			Ultrasonic, Hallway Pattern Occupancy Sensor	EA	10	0%	10
189			Receptacle Control Module, WATTSTOPPER LMPL	EA	2	0%	2
190			Digital Network Bridge	EA	2	0%	2
191			Photosensor	EA	2	0%	2
192			Wall Controller	EA	2	0%	2
193			Additional Wall Controller	EA	2	0%	2
			MISCELLANEOUS				
194			Junction Box	EA	34	0%	34
			SAW CUT				
195			Saw Cut & Repair Concrete Floor For Conduit Installation	LF	15	0%	15
			COMMUNICATION				
			SECURITY				
	E-401		**DEVICES**				
196			Access Control Panel	EA	2	0%	2
			ELECTRONIC SAFETY AND SECURITY				
			FIRE ALARM				
	E-401		**DEVICES**				
197			Fire Alarm Control Panel	EA	1	0%	1
			UTILITIES				
			DISTRIBUTION				
			CONDUIT (1 CUT LENGTH = 10 LF)				
198			1-1/4" EMT Conduit	EA	3	10%	4
199		**For Future**	1" PVC SCH 40 Conduit	EA	3	10%	3
200		**For Future EV Service**	3" PVC SCH 40 Conduit W/ Pull Cord	EA	9	10%	10
200			3" PVC SCH 40 Conduit	EA	4	10%	4
201			3" PVC SCH 40 Conduit	EA	93	10%	102
202			4" PVC SCH 40 Conduit W/ Pull Cord	EA	44	10%	48
			CONDUCTOR (1 ROLL = 200 LF)				
203			#8 CU THHN/THWN	ROLL	1	10%	1
204			#2 CU THHN/THWN	ROLL	1	10%	1
205			#1 CU THHN/THWN	ROLL	1	10%	1
206			#350 KCMIL CU THHN/THWN	ROLL	1	10%	1
207			#400 KCMIL CU THHN/THWN	ROLL	17	10%	19
			LUGS				
208			Compression Lug CU With 1-Hole , #8 CU Wire	EA	2	0%	2
209			Heat Shrink Tubing for #8 CU Wire	EA	2	0%	2
210			Compression Lug CU With 1-Hole , #2 CU Wire	EA	8	0%	8
211			Heat Shrink Tubing for #2 CU Wire	EA	8	0%	8
212			Compression Lug CU With 1-Hole , #1 CU Wire	EA	4	0%	4
213			Heat Shrink Tubing for #1 CU Wire	EA	4	0%	4

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
214			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16
215			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16
216			Compression Lug CU With 1-Hole , #400 KCMIL CU Wire	EA	48	0%	48
217			Heat Shrink Tubing for #400 KCMIL CU Wire	EA	48	0%	48
			CIRCUIT BREAKER				
218		**For Future**	2P/40A Breaker	EA	1	0%	1
219			3P/800A Breaker	EA	1	0%	1
			DEVICES				
220		**Provided By Utility**	500KVA Utility Transformer	EA	1	0%	1
221			Utility Meter	EA	1	0%	1
222			Utility Transformer Vault	EA	1	0%	1
223			Site Vault For EV	EA	3	0%	3
224			150KW Genset, Natural Gas, Enclosure NFPA 110 Rated With Cold Weather Kit I	EA	1	0%	1
			4" Generator Concrete Pad	EA	1	0%	1
	E101, E703		Engine Cranking Motor	EA	1	0%	1
			Battery Charger	EA	1	0%	1
			Automatic Transfer Switch	EA	1	0%	1
			Remote Annunciator	EA	1	0%	1
			1-1/2" PVC SCH 40 Conduit	LF	3	10%	3
			1" PVC SCH 40 Conduit	LF	3	10%	3
			Belt Driven Battery Charging Alternator System	EA	1	0%	1
			Voltage Regulator	EA	1	0%	1
			Engine Generator Control Panel, 24 Volt D.C.	EA	1	0%	1
			Engine Cranking Battery	EA	1	0%	1
			Engine Cranking Motor Solenoid	EA	1	0%	1
			Servicing Receptacle On Emergency Power	EA	1	0%	1
			Engine Cooling Water Jacket Heater, W/ Integral Thermostat	EA	1	0%	1
			Surface Mounted LED Luminaire, 16 Guage Heavy Duty One Piece Cold Rolled S	EA	1	0%	1
			Neutral & Ground Bar	EA	2	0%	2
225		**For Future**	Utility Meter	EA	1	0%	1
226			Utility Transformer	EA	1	0%	1
227			Utility Transformer Vault	EA	1	0%	1
228			EV Charger MDP: 800A, 208Y/120V, 3P, 4W	EA	1	0%	1
			SITE LIGHTING				
			CONDUIT (1 CUT LENGTH = 10 LF)				
229			3/4" EMT Conduit	EA	12	10%	13
230			3/4" PVC SCH 40 Conduit	EA	34	10%	37
			CONDUCTOR (1 ROLL = 200 LF)				
231			#12 CU THHN/THWN	ROLL	2	10%	2
232			#10 CU THHN/THWN	ROLL	6	10%	7
			LIGHTING FIXTURES				
233			SF1: Grade Mounted LED Column; Symmetric Wide Distribution; Nominal 5.7in	EA	2	0%	2
234			SA2: Site Area Pole Mounted LED; Type 3 Medium Distribution; Nominal 14in W	EA	1	0%	1
235			SA3: Site Area Pole Mounted LED; Type 5 Wide Distribution; Nominal 14in Wid	EA	2	0%	2
236			20' Round Pole	EA	3	0%	3
237			Anchor Bolt	EA	18	0%	18
238			Concrete Base	EA	3	0%	3
			MISCELLANEOUS				
			TRENCHING & BACKFILLING				
239			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	1952	0%	1952