

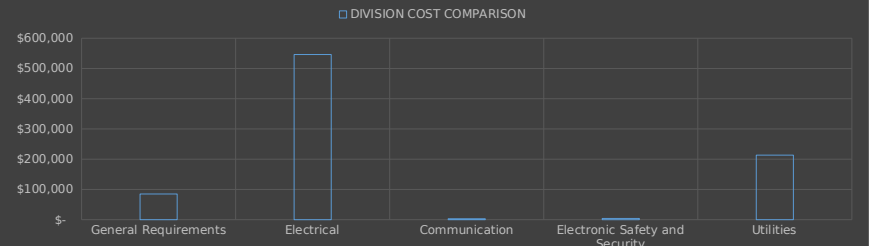
GENERAL SUMMARY

Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th Pl, Ontario, or 97914
Project ID: 10092026
Scope: Electrical
No. Of Floors: 1
Date: 28-Sep-26


**ELECTRICAL
ESTIMATING**
 +1 (214) 556-2605

BUILDING GSF		20,076	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COS (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	\$
OVERHEAD AND PROFIT (15%+1)		30%	\$ 255,464
SUBCONTRACTOR MARGIN		10%	\$ 24,415
INSURANCE		3%	\$ 25,546
CONTINGENCY		5%	\$ 42,577
TAX		0%	\$ -
SUGGESTED BID		\$ 1,199,549	\$

DIVISION COST COMPARISON



ELECTRICAL ESTIMATING

DETAILED BREAKDOWN OF ITEMS														
Prepared for:		Lifeways Project Hope - Building B: SRTF, 752 SW 7th Pl, Ontario, or 97914												
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Scope:		Electrical												
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												Date:	28-Sep-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														
1			ADMINISTRATIVE REQUIREMENTS	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	For Solar		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			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			1P15A Breaker	EA	3	0%	3	0.25	\$ 60.45	\$ 15.11	\$ 16.64	\$ 31.75	\$ 95.26	
43			1P20A Breaker	EA	215	0%	215	0.25	\$ 60.45	\$ 15.11	\$ 18.34	\$ 33.45	\$ 7,191.26	
44			1P20A Breaker, AFCI/GFCI	EA	19	0%	19	0.30	\$ 60.45	\$ 18.14	\$ 84.08	\$ 102.22	\$ 1,942.16	
45			1P20A Breaker, GFCI	EA	22	0%	22	0.30	\$ 60.45	\$ 18.14	\$ 74.88	\$ 93.02	\$ 2,046.33	
46			1P20A Breaker, GFCI, Shunt Trip Breaker	EA	1	0%	1	0.40	\$ 60.45	\$ 24.18	\$ 145.60	\$ 169.78	\$ 355.39	
47			1P40A Breaker	EA	1	0%	1	0.30	\$ 60.45	\$ 18.14	\$ 22.88	\$ 41.02	\$ 41.02	
48			2P15A Breaker	EA	5	0%	5	0.35	\$ 60.45	\$ 21.16	\$ 43.68	\$ 64.84	\$ 324.19	
49			2P20A Breaker	EA	3	0%	3	0.35	\$ 60.45	\$ 21.16	\$ 43.68	\$ 64.84	\$ 194.51	
50			2P25A Breaker	EA	18	0%	18	0.35	\$ 60.45	\$ 21.16	\$ 46.80	\$ 67.96	\$ 1,223.24	
51			2P30A Breaker	EA	5	0%	5	0.35	\$ 60.45	\$ 21.16	\$ 49.92	\$ 71.08	\$ 355.39	
52			3P15A Breaker	EA	1	0%	1	0.50	\$ 60.45	\$ 30.23	\$ 135.20	\$ 165.43	\$ 165.43	
53			3P20A Breaker	EA	1	0%	1	0.50	\$ 60.45	\$ 30.23	\$ 135.20	\$ 165.43	\$ 165.43	
54			3P30A Breaker	EA	1	0%	1	0.50	\$ 60.45	\$ 30.23	\$ 145.60	\$ 175.83	\$ 175.83	
55			3P35A Breaker	EA	2	0%	2	0.50	\$ 60.45	\$ 30.23	\$ 150.80	\$ 181.03	\$ 362.05	
56			3P40A Breaker	EA	4	0%	4	0.55	\$ 60.45	\$ 33.25	\$ 156.00	\$ 189.25	\$ 756.99	
57			3P45A Breaker	EA	2	0%	2	0.55	\$ 60.45	\$ 33.25	\$ 161.20	\$ 194.45	\$ 388.90	
58			3P100A Breaker	EA	4	0%	4	1.50	\$ 60.45	\$ 90.68	\$ 364.00	\$ 454.68	\$ 1,818.70	
59			3P100A, 3PH GFP Breaker	EA	1	0%	1	1.75	\$ 60.45	\$ 105.79	\$ 644.80	\$ 750.59	\$ 750.59	
60			3P200A Breaker	EA	2	0%	2	2.00	\$ 60.45	\$ 120.90	\$ 676.00	\$ 796.90	\$ 1,593.80	
61			3P225 Breaker	EA	5	0%	5	2.00	\$ 60.45	\$ 120.90	\$ 728.00	\$ 848.90	\$ 4,244.50	
62	For Future Solar PV		3P225 Breaker	EA	1	0%	1	2.00	\$ 60.45	\$ 120.90	\$ 728.00	\$ 848.90	\$ 848.90	
63			3P250A Breaker	EA	1	0%	1	2.25	\$ 60.45	\$ 136.01	\$ 780.00	\$ 916.01	\$ 916.01	
64			3P400A Breaker	EA	2	0%	2	3.00	\$ 60.45	\$ 181.35	\$ 1,456.00	\$ 1,637.35	\$ 3,274.70	
65			3P600A Breaker	EA	1	0%	1	4.00	\$ 60.45	\$ 241.80	\$ 2,288.00	\$ 2,529.80	\$ 2,529.80	
66			3P600A, 3PH GFP Breaker	EA	1	0%	1	4.50	\$ 60.45	\$ 272.03	\$ 3,016.00	\$ 3,288.03	\$ 3,288.03	
67			3P2000A 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, Su	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	\$ 332.40	\$ 2,948.13	\$ 3,280.60	\$ 3,280.60
71			2MB Panel: 400A, 120/208V, 3PH, 4W, 42 Poles, Enclosure: Type 1, 22KAIC, Su	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, 22KAIC	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, 22KAIC	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, 22KAIC	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, 22KAIC	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, 4 KAIC Main Distribution Switc	EA	1	0%	1	38.50	\$ 60.45	\$ 2,327.33	\$ 22,860.00	\$ 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			2T1A 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			2T1B 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	\$ 1,31,		

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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	
98	E201A, E201B, E201C, E201D, E301A, E301B, E301C, E301D, E302, E401, E501, E602, E603 & E604		#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			3/4" Dia x1/2" Copper Clad Ground Rod	EA	2	0%	2	1.00	\$ 60.45	\$ 60.45	\$ 28.00	\$ 88.45	\$ 176.90	
101			Ground Bus Bar	EA	1	0%	1	1.50	\$ 60.45	\$ 90.68	\$ 120.00	\$ 210.68	\$ 210.68	
102			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, Anti-Li	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 Counter	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			Quadplex Receptacle	EA	2	0%	2	0.34	\$ 60.45	\$ 20.55	\$ 29.61	\$ 50.16	\$ 100.33	
136			Quadplex Receptacle, Half Switched, Tamper Resistant, Hospital Grade	EA	11	0%	11	0.36	\$ 60.45	\$ 21.76	\$ 38.10	\$ 59.86	\$ 658.48	
137			Quadplex Receptacle, Tamper Resistant, Hospital Grade, With Vandal Proof, Anti-Li	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, FLEXIXA CONE SERIES	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, FLEXIXA 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, FLEXIXA 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 GLOBE SU	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 16in	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 Dist	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 Distributi	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	\$ 21,548.00	
155			D1E: Recessed Round LED Downlight With 90 Minutes Battery Backup; 73-Deg	EA	40	0%	40	0.78	\$ 60.45	\$ 46.86	\$ 209.62	\$ 256.48	\$ 10,259.31	
156			D3: Linear 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; Nomin	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-Deg	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 Wid	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 Wid	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			I2: 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			I3: 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	\$ 199.11	\$ 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	\$ 291.37	\$ 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	\$ 102.12	\$ 142.02	\$ 1,081.12		
178		Continuous Dimming Photocell	EA	11	0%	11	0.53	\$ 60.45	\$ 31.92	\$ 69.24	\$ 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														

DETAILED BREAKDOWN OF ITEMS														
Prepared for: Lifeways Project Hope - Building B: SRTF, 752 SW 7th Pl, Ontario, or 97914														
Project ID: 10092026														
Scope: Electrical														
												 +1 (214) 556-2605		
Date: 28-Sep-26														
SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
202	E101, E703		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		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											
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 Lag 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 Lag 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 Lag 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 Lag 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 Lag 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			200KVA 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 B	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			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 Gauge 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			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		For Future	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%	\$253,464	
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.														

MATERIAL LIST

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



Date: 28-Sep-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 KCML 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 KCML CU Wire	EA	48	0%	48
36			Heat Shrink Tubing for #350 KCML 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

MATERIAL LIST

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



Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
67	E201A, E201B, E201C, E201D, E301A, E301B, E301C, E301D, E302, E401, E501, E602, E603 & E604		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
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			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 Cou	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-L	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 Moun	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 PET	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

MATERIAL LIST

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
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
147			C2: Recessed Linear LED for Along ACT Gridlines; Direct Lambertian Distributi	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; Nomin	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; Nomin	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 SM	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
172			LIGHTING CONTROL				
173			Lighting Relay Panel	EA	1	0%	1
174			Passive Infrared With Integral "OFF" Switch	EA	1	0%	1
175			Continuous Diming Photocell	EA	11	0%	11
176			Photo Electric Switch	EA	4	0%	4
177			Single Pole Interval Timer Switch	EA	3	0%	3
178			Single Pole Pilot Light Switch	EA	1	0%	1
179			Single Pole Key Operated Switch With Ligature Resistant Lighting Control	EA	6	0%	6
180			Single Pole Key Operated Switch	EA	9	0%	9
181			Single Pole Low Voltage Dimmer Switch With Ligature Resistant Lighting Contro	EA	50	0%	50
182			Single Pole Low Voltage Dimmer Switch	EA	17	0%	17
183			Single Pole Low Voltage Switch With Ligature Resistant Lighting Control	EA	2	0%	2
184			Single Pole Low Voltage Switch	EA	5	0%	5
185			Single Pole Switch	EA	10	0%	10
186			Dual Technology Occupancy Sensor	EA	58	0%	58
187			Passive Infrared Occupancy Sensor	EA	9	0%	9
188			Ultrasonic, 360 Deg Range Occupancy Sensor	EA	5	0%	5
189			Ultrasonic, Hallway Pattern Occupancy Sensor	EA	10	0%	10
190			Receptacle Control Module, WATTSTOPPER LMPL	EA	2	0%	2
191			Digital Network Bridge	EA	2	0%	2
192			Photosensor	EA	2	0%	2
193			Wall Controller	EA	2	0%	2
194			Additional Wall Controller	EA	2	0%	2
195			MISCELLANEOUS				
			Junction Box	EA	34	0%	34
			SAW CUT				
			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			1" PVC SCH 40 Conduit	EA	3	10%	3
200			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

Phone: +1 (214) 556-2605

MATERIAL LIST

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 Scope: Electrical



Date: 28-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
209	E101, E703		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
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	EA	1	0%	1
			4" Generator Concrete Pad	EA	1	0%	1
			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 Gauge Heavy Duty One Piece Cold Rolled S	EA	1	0%	1
			Neutral & Ground Bar	EA	2	0%	2
225			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