

Reviewed by PM: Reviewed by BM: 

						Bids Received:	6/3/2025		
						at:	11:00 AM	at the City Engineer's Office	
Traffic Signal and Rectangular Rapidly Flashing Beacon Improvements at VARIOUS LOCATIONS 2024-1				ENGINEER'S		J RANCK ELECTRIC INC		STRAIN ELECTRIC COMPANY LLC	
				ESTIMATE					
File No. 23043	Original Bid Amount (TOTAL)			\$ 2,027,313.00			\$ 2,048,999.20		\$ 2,057,995.90
				Allowable Discount Points			1.5		1.5
				Allowable Discount Amount			\$ 30,734.99		\$ 30,869.94
				DISCOUNTED BID			\$ 2,018,264.21		\$ 2,027,125.96
				Discounted BID Ranking No.		1		2	
Item Number	Item Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization, Max (\$186,000.00)	Lump Sum	1	\$ 186,000.00	\$ 186,000.00	\$ 186,000.00	\$ 186,000.00	\$ 186,000.00	\$ 186,000.00
2	Tree, Rem, 6 inch to 18 inch	Each	4	\$ 250.00	\$ 1,000.00	\$ 270.00	\$ 1,080.00	\$ 130.00	\$ 520.00
3	Soil Erosion and Sedimentation Control	Lump Sum	1	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,000.00	\$ 4,000.00
4	Soil Erosion and Sedimentation Control Plan	Lump Sum	1	\$ 7,800.00	\$ 7,800.00	\$ 650.00	\$ 650.00	\$ 8,000.00	\$ 8,000.00
5	Storm Water Operator's Inspection	Each	30	\$ 100.00	\$ 3,000.00	\$ 50.00	\$ 1,500.00	\$ 75.00	\$ 2,250.00
6	Pavt, Rem, Full Depth	Square Yard	367	\$ 10.00	\$ 3,670.00	\$ 38.00	\$ 13,946.00	\$ 20.00	\$ 7,340.00
7	Brick Pavt, Rem and Salv Brick Pavers, Full Depth	Square Yard	55	\$ 60.00	\$ 3,300.00	\$ 38.00	\$ 2,090.00	\$ 70.00	\$ 3,850.00
8	Abandon and Fill Underground Utility, 10 inch Dia.	Foot	5	\$ 12.00	\$ 60.00	\$ 30.00	\$ 150.00	\$ 22.00	\$ 110.00
9	Mh, Valve Chamber, or Catch Basin, Rem	Each	1	\$ 600.00	\$ 600.00	\$ 650.00	\$ 650.00	\$ 675.00	\$ 675.00
10	Con Curb and Gutter, Rem	Foot	1,315	\$ 10.00	\$ 13,150.00	\$ 22.00	\$ 28,930.00	\$ 15.00	\$ 19,725.00
11	Conc Sidewalk, Driveway and Approach, Rem	Square Foot	5,372	\$ 14.00	\$ 75,208.00	\$ 4.00	\$ 21,488.00	\$ 2.00	\$ 10,744.00
12	Sign, Remove and Salvage	Each	60	\$ 50.00	\$ 3,000.00	\$ 75.00	\$ 4,500.00	\$ 58.00	\$ 3,480.00
13	Aggregate Base, 6 inch	Square Yard	998	\$ 30.00	\$ 29,940.00	\$ 25.00	\$ 24,950.00	\$ 22.00	\$ 21,956.00
14	Storm Sewer, C76 CI IV, 12 inch	Foot	70	\$ 70.00	\$ 4,900.00	\$ 98.00	\$ 6,860.00	\$ 94.00	\$ 6,580.00
15	Catch basin, 4 foot dia, per Det S-3	Each	4	\$ 3,000.00	\$ 12,000.00	\$ 5,700.00	\$ 22,800.00	\$ 4,500.00	\$ 18,000.00
16	Mh or Catch basin, Rebuild with flattop, Det S-10	Each	4	\$ 1,000.00	\$ 4,000.00	\$ 2,000.00	\$ 8,000.00	\$ 1,000.00	\$ 4,000.00
17	Catch basin casting, Furn	Each	4	\$ 650.00	\$ 2,600.00	\$ 800.00	\$ 3,200.00	\$ 850.00	\$ 3,400.00
18	Hand Patching	Ton	45	\$ 200.00	\$ 9,000.00	\$ 360.00	\$ 16,200.00	\$ 500.00	\$ 22,500.00
19	Conc Pavt, Nonreinf, modified, 6 inch	Square Yard	51	\$ 65.00	\$ 3,315.00	\$ 72.00	\$ 3,672.00	\$ 72.00	\$ 3,672.00
20	Curb and Gutter, (24) x (18) inch pan, Det P-5	Foot	809	\$ 23.00	\$ 18,607.00	\$ 27.00	\$ 21,843.00	\$ 27.00	\$ 21,843.00
21	Valley Gutter, (24) x (9) inch, Det P-5C	Foot	44	\$ 32.00	\$ 1,408.00	\$ 27.00	\$ 1,188.00	\$ 27.00	\$ 1,188.00
22	Sidewalk Ramp, ADA curb	Foot	22	\$ 40.00	\$ 880.00	\$ 26.00	\$ 572.00	\$ 26.00	\$ 572.00
23	Sidewalk, Conc, 4 inch	Square Foot	338	\$ 6.00	\$ 2,028.00	\$ 6.00	\$ 2,028.00	\$ 6.00	\$ 2,028.00
24	Curb Ramp, Conc, 6 inch	Square Foot	4,629	\$ 8.00	\$ 37,032.00	\$ 8.50	\$ 39,346.50	\$ 9.50	\$ 43,975.50
25	Detectable Warning Surface	Foot	185	\$ 80.00	\$ 14,800.00	\$ 80.00	\$ 14,800.00	\$ 80.00	\$ 14,800.00
26	Curb Ramp Opening, Conc	Foot	313	\$ 31.00	\$ 9,703.00	\$ 26.00	\$ 8,138.00	\$ 26.00	\$ 8,138.00
27	Driveway, Nonreinf Conc, 6 inch	Square Yard	27	\$ 100.00	\$ 2,700.00	\$ 72.00	\$ 1,944.00	\$ 72.00	\$ 1,944.00
28	Brick Pavt	Square Yard	5	\$ 275.00	\$ 1,375.00	\$ 600.00	\$ 3,000.00	\$ 400.00	\$ 2,000.00
29	Brick Pavt, Salvd Pavers	Square Yard	50	\$ 100.00	\$ 5,000.00	\$ 180.00	\$ 9,000.00	\$ 300.00	\$ 15,000.00
30	Maintaining traffic, (estimated 180 days)	Lump Sum	1	\$ 90,000.00	\$ 90,000.00	\$ 136,000.00	\$ 136,000.00	\$ 85,000.00	\$ 85,000.00
31	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	Foot	2,094	\$ 6.50	\$ 13,611.00	\$ 6.50	\$ 13,611.00	\$ 6.50	\$ 13,611.00
32	Pavt Mrkg, Polyurea, 12 inch, Stop Bar	Foot	424	\$ 17.50	\$ 7,420.00	\$ 6.50	\$ 2,756.00	\$ 6.50	\$ 2,756.00
33	Pavt Mrkg, Polyurea, 4 inch, White	Foot	5,408	\$ 1.50	\$ 8,112.00	\$ 1.10	\$ 5,948.80	\$ 1.10	\$ 5,948.80
34	Pavt Mrkg, Polyurea, 6 inch, White	Foot	1,178	\$ 1.50	\$ 1,767.00	\$ 1.30	\$ 1,531.40	\$ 1.30	\$ 1,531.40
35	Pavt Mrkg, Polyurea, 4 inch, Safety Yellow	Foot	5,606	\$ 1.50	\$ 8,409.00	\$ 1.10	\$ 6,166.60	\$ 1.10	\$ 6,166.60
36	Pavt Mrkg, Polyurea, Bike	Each	22	\$ 150.00	\$ 3,300.00	\$ 150.00	\$ 3,300.00	\$ 150.00	\$ 3,300.00
37	Pavt Mrkg, Polyurea, Sharrow Sym	Each	7	\$ 250.00	\$ 1,750.00	\$ 250.00	\$ 1,750.00	\$ 250.00	\$ 1,750.00
38	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	Each	21	\$ 150.00	\$ 3,150.00	\$ 150.00	\$ 3,150.00	\$ 150.00	\$ 3,150.00
39	Pavt Mrkg, Polyurea, Bike Lt Turn Arrow Sym	Each	1	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00
40	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	Each	2	\$ 250.00	\$ 500.00	\$ 295.00	\$ 590.00	\$ 295.00	\$ 590.00
41	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	Each	3	\$ 250.00	\$ 750.00	\$ 250.00	\$ 750.00	\$ 250.00	\$ 750.00
42	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	Each	2	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 240.00	\$ 480.00
43	Pavt Mrkg, Polyurea, Thru Arrow Sym	Each	2	\$ 250.00	\$ 500.00	\$ 240.00	\$ 480.00	\$ 3.50	\$ 7.00
44	Rem Spec Mrkg	Square Foot	1,910	\$ 2.50	\$ 4,775.00	\$ 3.50	\$ 6,685.00	\$ 3.50	\$ 6,685.00
45	Recessing Pavt Mrkg, Transv	Square Foot	3,706	\$ 4.00	\$ 14,824.00	\$ 3.50	\$ 12,971.00	\$ 14.95	\$ 55,404.70
46	Turf Establishment	Square Yard	316	\$ 10.00	\$ 3,160.00	\$ 17.50	\$ 5,530.00	\$ 16.00	\$ 5,056.00
47	Turf Watering	Each	22	\$ 342.00	\$ 7,524.00	\$ 250.00	\$ 5,500.00	\$ 400.00	\$ 8,800.00
48	Direct Buried Conduit, (1), 1.5 inch, schedule 40 PV	Foot	45	\$ 40.00	\$ 1,800.00	\$ 60.00	\$ 2,700.00	\$ 20.00	\$ 900.00

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Allowable Discount Points						1.5		1.5	
Allowable Discount Amount						\$ 30,734.99		\$ 30,869.94	
DISCOUNTED BID						\$ 2,018,264.21		\$ 2,027,125.96	
Discounted BID Ranking No.						1		2	
49	Direct Buried Conduit, (1), 2 inch, schedule 40 PV	Foot	320	\$ 45.00	\$ 14,400.00	\$ 26.00	\$ 8,320.00	\$ 25.00	\$ 8,000.00
50	Direct Buried Conduit, (2), 3 inch, schedule 40 PV	Foot	190	\$ 120.00	\$ 22,800.00	\$ 36.00	\$ 6,840.00	\$ 55.00	\$ 10,450.00
51	Direct Buried Conduit, (4) 3 Inch, Schedule 40 PVC	Foot	125	\$ 200.00	\$ 25,000.00	\$ 50.00	\$ 6,250.00	\$ 65.00	\$ 8,125.00
52	Sign Post	Each	10	\$ 50.00	\$ 500.00	\$ 225.00	\$ 2,250.00	\$ 170.00	\$ 1,700.00
53	Sign	Each	153	\$ 20.00	\$ 3,060.00	\$ 40.00	\$ 6,120.00	\$ 125.00	\$ 19,125.00
54	Pavt Mrkg, Bike Lane, Green	Square Foot	642	\$ 30.00	\$ 19,260.00	\$ 14.95	\$ 9,597.90	\$ 14.95	\$ 9,597.90
55	Directional Bored Conduit, (2) 2 Inch, Schedule 40 PVC	Foot	305	\$ 150.00	\$ 45,750.00	\$ 71.00	\$ 21,655.00	\$ 35.00	\$ 10,675.00
56	Handhole, Precast Concrete 22-Inch Diameter x 40 Inch Deep	Each	3	\$ 2,000.00	\$ 6,000.00	\$ 2,325.00	\$ 6,975.00	\$ 2,000.00	\$ 6,000.00
57	Handhole, Precast Concrete 36-Inch Diameter x 44-Inch Deep	Each	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00
58	Conduit(s), Connect to Existing	Each	33	\$ 500.00	\$ 16,500.00	\$ 175.00	\$ 5,775.00	\$ 1,000.00	\$ 33,000.00
59	Conductor, (4) #6 CU U.S.E. 600V Insulation	Foot	290	\$ 20.00	\$ 5,800.00	\$ 14.00	\$ 4,060.00	\$ 10.00	\$ 2,900.00
60	Conductor, (3) #6 CU U.S.E. 600V Insulation	Foot	1,705	\$ 16.00	\$ 27,280.00	\$ 10.00	\$ 17,050.00	\$ 9.00	\$ 15,345.00
61	Conductor, IMSA 3C #14 CU	Foot	195	\$ 5.00	\$ 975.00	\$ 5.00	\$ 975.00	\$ 5.00	\$ 975.00
62	Clamp Style Bracket Arm on Signal Pole, 8-foot	Each	1	\$ 700.00	\$ 700.00	\$ 800.00	\$ 800.00	\$ 1,200.00	\$ 1,200.00
63	Clamp Style Bracket Arm on Signal Pole, 30-Inch	Each	8	\$ 500.00	\$ 4,000.00	\$ 650.00	\$ 5,200.00	\$ 1,100.00	\$ 8,800.00
64	Street Light Type J	Each	8	\$ 600.00	\$ 4,800.00	\$ 1,625.00	\$ 13,000.00	\$ 3,000.00	\$ 24,000.00
65	Remove of Existing Lighting System	Each	1	\$ 800.00	\$ 800.00	\$ 1,200.00	\$ 1,200.00	\$ 10,000.00	\$ 10,000.00
66	Secondary Riser, 1 - 2 Inch	Each	2	\$ 1,250.00	\$ 2,500.00	\$ 1,075.00	\$ 2,150.00	\$ 2,500.00	\$ 5,000.00
67	Coating Galvanized Support Structures	Each	8	\$ 1,500.00	\$ 12,000.00	\$ 2,350.00	\$ 18,800.00	\$ 225.00	\$ 1,800.00
68	Serv Disconnect	Each	6	\$ 1,500.00	\$ 9,000.00	\$ 1,625.00	\$ 9,750.00	\$ 2,000.00	\$ 12,000.00
69	Case Sign, Rem	Each	4	\$ 150.00	\$ 600.00	\$ 300.00	\$ 1,200.00	\$ 200.00	\$ 800.00
70	Case Sign (LED), One Way, 24 Inch by 30 Inch	Each	3	\$ 2,000.00	\$ 6,000.00	\$ 2,650.00	\$ 7,950.00	\$ 2,700.00	\$ 8,100.00
71	Controller and Cabinet, Rem	Each	2	\$ 350.00	\$ 700.00	\$ 300.00	\$ 600.00	\$ 500.00	\$ 1,000.00
72	Controller Fdn, Base Mtd	Each	3	\$ 3,000.00	\$ 9,000.00	\$ 3,775.00	\$ 11,325.00	\$ 3,500.00	\$ 10,500.00
73	Fdn, Rem	Each	6	\$ 750.00	\$ 4,500.00	\$ 600.00	\$ 3,600.00	\$ 1,500.00	\$ 9,000.00
74	Managed Field Ethernet Switch, Type, Modified	Each	4	\$ 13,000.00	\$ 52,000.00	\$ 13,825.00	\$ 55,300.00	\$ 14,250.00	\$ 57,000.00
75	Pedestal, Alum	Each	11	\$ 1,100.00	\$ 12,100.00	\$ 1,200.00	\$ 13,200.00	\$ 2,000.00	\$ 22,000.00
76	Pedestal, Pushbutton, Alum	Each	12	\$ 1,000.00	\$ 12,000.00	\$ 750.00	\$ 9,000.00	\$ 1,000.00	\$ 12,000.00
77	Pedestal, Fdn	Each	21	\$ 1,250.00	\$ 26,250.00	\$ 1,275.00	\$ 26,775.00	\$ 1,500.00	\$ 31,500.00
78	Pedestal Fdn, Rem	Each	2	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 500.00	\$ 1,000.00
79	Pedestal, Rem	Each	3	\$ 100.00	\$ 300.00	\$ 150.00	\$ 450.00	\$ 150.00	\$ 450.00
80	Push Button and Sign	Each	4	\$ 700.00	\$ 2,800.00	\$ 1,450.00	\$ 5,800.00	\$ 1,100.00	\$ 4,400.00
81	Push Button Station and Sign	Each	24	\$ 1,300.00	\$ 31,200.00	\$ 1,575.00	\$ 37,800.00	\$ 1,200.00	\$ 28,800.00
82	Pedestrian Signal System, Accessible	Each	3	\$ 4,100.00	\$ 12,300.00	\$ 4,950.00	\$ 14,850.00	\$ 4,700.00	\$ 14,100.00
83	Span Wire, Rem	Each	1	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 250.00	\$ 250.00
84	Steel Pole, Rem	Each	3	\$ 450.00	\$ 1,350.00	\$ 300.00	\$ 900.00	\$ 1,000.00	\$ 3,000.00
85	Span Wire	Each	7	\$ 1,700.00	\$ 11,900.00	\$ 1,875.00	\$ 13,125.00	\$ 1,750.00	\$ 12,250.00
86	Span Wire Tether	Each	7	\$ 2,150.00	\$ 15,050.00	\$ 1,700.00	\$ 11,900.00	\$ 2,000.00	\$ 14,000.00
87	TS, Bracket Arm Mtd, Rem	Each	4	\$ 125.00	\$ 500.00	\$ 300.00	\$ 1,200.00	\$ 200.00	\$ 800.00
88	TS, Mast Arm Mtd, Rem	Each	8	\$ 165.00	\$ 1,320.00	\$ 300.00	\$ 2,400.00	\$ 200.00	\$ 1,600.00
89	TS, Pedestrian, Bracket Arm Mtd, Rem	Each	6	\$ 115.00	\$ 690.00	\$ 300.00	\$ 1,800.00	\$ 150.00	\$ 900.00
90	TS, Pedestrian, Pedestal Mtd, Rem	Each	3	\$ 150.00	\$ 450.00	\$ 300.00	\$ 900.00	\$ 150.00	\$ 450.00
91	TS, Span Wire Mtd, Rem	Each	4	\$ 130.00	\$ 520.00	\$ 300.00	\$ 1,200.00	\$ 200.00	\$ 800.00
92	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	Each	5	\$ 1,500.00	\$ 7,500.00	\$ 1,550.00	\$ 7,750.00	\$ 1,100.00	\$ 5,500.00
93	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	Each	1	\$ 1,900.00	\$ 1,900.00	\$ 2,200.00	\$ 2,200.00	\$ 1,600.00	\$ 1,600.00
94	TS, Pedestrian, Two Way Bracket Arm Mtd (LED), 48 VDC	Each	1	\$ 1,900.00	\$ 1,900.00	\$ 2,425.00	\$ 2,425.00	\$ 1,900.00	\$ 1,900.00
95	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	Each	13	\$ 1,500.00	\$ 19,500.00	\$ 1,750.00	\$ 22,750.00	\$ 1,450.00	\$ 18,850.00

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Allowable Discount Amount							\$ 30,734.99		\$ 30,869.94	
DISCOUNTED BID							\$ 2,018,264.21		\$ 2,027,125.96	
Discounted BID Ranking No.						1		2		
96	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	Each	2	\$ 1,900.00	\$ 3,800.00	\$ 2,350.00	\$ 4,700.00	\$ 2,000.00	\$ 4,000.00	
97	TS, Pedestrian, Two Way Pedestal Mtd (LED), 48 VDC	Each	4	\$ 1,900.00	\$ 7,600.00	\$ 2,600.00	\$ 10,400.00	\$ 2,200.00	\$ 8,800.00	
98	TS, One Way Span Wire Mtd (LED), Long Life	Each	16	\$ 1,300.00	\$ 20,800.00	\$ 1,525.00	\$ 24,400.00	\$ 1,100.00	\$ 17,600.00	
99	TS, One Way Mast Arm Mtd (LED), Long Life	Each	8	\$ 1,500.00	\$ 12,000.00	\$ 1,675.00	\$ 13,400.00	\$ 1,250.00	\$ 10,000.00	
100	TS, One Way Mast Arm Mtd (LED), 48 VDC	Each	8	\$ 1,500.00	\$ 12,000.00	\$ 1,800.00	\$ 14,400.00	\$ 1,450.00	\$ 11,600.00	
101	TS, One Way Mast Arm Mtd, FYA (LED), 48 VDC	Each	4	\$ 1,900.00	\$ 7,600.00	\$ 2,050.00	\$ 8,200.00	\$ 1,800.00	\$ 7,200.00	
102	Hemispherical Video Detection Camera	Each	2	\$ 9,000.00	\$ 18,000.00	\$ 7,500.00	\$ 15,000.00	\$ 6,150.00	\$ 12,300.00	
103	Hemispherical Video Detection System	Each	2	\$ 25,000.00	\$ 50,000.00	\$ 25,500.00	\$ 51,000.00	\$ 23,500.00	\$ 47,000.00	
104	Hemispherical Video Detection Camera, Rem	Each	1	\$ 200.00	\$ 200.00	\$ 150.00	\$ 150.00	\$ 200.00	\$ 200.00	
105	Hemispherical Video Detection System, Rem	Each	1	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 200.00	\$ 200.00	
106	Bracket, Truss, with 18 foot Arm	Each	1	\$ 1,600.00	\$ 1,600.00	\$ 2,075.00	\$ 2,075.00	\$ 2,000.00	\$ 2,000.00	
107	Casing	Foot	179	\$ 250.00	\$ 44,750.00	\$ 300.00	\$ 53,700.00	\$ 250.00	\$ 44,750.00	
108	Backplate, TS	Each	36	\$ 250.00	\$ 9,000.00	\$ 225.00	\$ 8,100.00	\$ 250.00	\$ 9,000.00	
109	TS, Uninterruptible Power System	Each	1	\$ 8,900.00	\$ 8,900.00	\$ 11,925.00	\$ 11,925.00	\$ 13,000.00	\$ 13,000.00	
110	Strain Pole, Steel, Anchor Base, 30 foot	Each	7	\$ 12,000.00	\$ 84,000.00	\$ 6,175.00	\$ 43,225.00	\$ 12,500.00	\$ 87,500.00	
111	Strain Pole, Steel, Anchor Base, 36 foot	Each	1	\$ 12,000.00	\$ 12,000.00	\$ 10,300.00	\$ 10,300.00	\$ 17,000.00	\$ 17,000.00	
112	Strain Pole, Steel, Anchor Fdn	Each	8	\$ 6,500.00	\$ 52,000.00	\$ 9,700.00	\$ 77,600.00	\$ 8,125.00	\$ 65,000.00	
113	Mast Arm, Rem	Each	3	\$ 450.00	\$ 1,350.00	\$ 1,200.00	\$ 3,600.00	\$ 2,000.00	\$ 6,000.00	
114	Mast Arm Std, Rem	Each	4	\$ 450.00	\$ 1,800.00	\$ 1,175.00	\$ 4,700.00	\$ 1,000.00	\$ 4,000.00	
115	Mast Arm Pole, Cat I	Each	6	\$ 9,500.00	\$ 57,000.00	\$ 15,000.00	\$ 90,000.00	\$ 14,800.00	\$ 88,800.00	
116	Mast Arm, 25 foot, Cat I	Each	2	\$ 12,000.00	\$ 24,000.00	\$ 12,000.00	\$ 24,000.00	\$ 11,500.00	\$ 23,000.00	
117	Mast Arm, 30 foot, Cat I	Each	1	\$ 15,000.00	\$ 15,000.00	\$ 15,500.00	\$ 15,500.00	\$ 12,000.00	\$ 12,000.00	
118	Mast Arm, 35 foot, Cat I	Each	3	\$ 20,000.00	\$ 60,000.00	\$ 18,300.00	\$ 54,900.00	\$ 16,850.00	\$ 50,550.00	
119	Mast Arm, 40 foot, Cat I	Each	2	\$ 25,000.00	\$ 50,000.00	\$ 26,800.00	\$ 53,600.00	\$ 17,200.00	\$ 34,400.00	
120	Mast Arm Pole Fdn, 6 Bolt	Foot	114	\$ 850.00	\$ 96,900.00	\$ 600.00	\$ 68,400.00	\$ 650.00	\$ 74,100.00	
121	Gateway Element, R1-6a Sign, Double-Sided	Each	3	\$ 500.00	\$ 1,500.00	\$ 675.00	\$ 2,025.00	\$ 800.00	\$ 2,400.00	
122	TS, Wireless Link, 5 Gigahertz, Remote	Each	1	\$ 6,000.00	\$ 6,000.00	\$ 5,775.00	\$ 5,775.00	\$ 5,000.00	\$ 5,000.00	
123	Cellular Modem, TS, 4th G	Each	1	\$ 1,250.00	\$ 1,250.00	\$ 1,300.00	\$ 1,300.00	\$ 1,550.00	\$ 1,550.00	
124	ATC Controller	Each	1	\$ 5,000.00	\$ 5,000.00	\$ 7,125.00	\$ 7,125.00	\$ 6,700.00	\$ 6,700.00	
125	ATC Cabinet, 32 Output	Each	1	\$ 42,000.00	\$ 42,000.00	\$ 59,375.00	\$ 59,375.00	\$ 56,500.00	\$ 56,500.00	
126	ATC Cabinet Operational Test Certification	Each	1	\$ 1,700.00	\$ 1,700.00	\$ 3,100.00	\$ 3,100.00	\$ 3,000.00	\$ 3,000.00	
127	Controller, NEMA, ATC Type, Modified	Each	3	\$ 5,000.00	\$ 15,000.00	\$ 5,525.00	\$ 16,575.00	\$ 5,200.00	\$ 15,600.00	
128	Cabinet, NEMA Type, Modified	Each	3	\$ 23,500.00	\$ 70,500.00	\$ 21,450.00	\$ 64,350.00	\$ 24,500.00	\$ 73,500.00	
129	Opticom GPS System	Each	4	\$ 16,000.00	\$ 64,000.00	\$ 14,125.00	\$ 56,500.00	\$ 14,000.00	\$ 56,000.00	
130	Opticom GPS System, Rem	Each	1	\$ 200.00	\$ 200.00	\$ 300.00	\$ 300.00	\$ 200.00	\$ 200.00	
131	Opticom Infrared, Rem	Each	1	\$ 200.00	\$ 200.00	\$ 300.00	\$ 300.00	\$ 200.00	\$ 200.00	
132	Street Name Sign, One Way, Non-Illuminated	Each	2	\$ 1,000.00	\$ 2,000.00	\$ 1,925.00	\$ 3,850.00	\$ 1,600.00	\$ 3,200.00	
133	Street Name Sign, Two Way, Non-Illuminated	Each	14	\$ 1,000.00	\$ 14,000.00	\$ 2,225.00	\$ 31,150.00	\$ 1,800.00	\$ 25,200.00	
134	Street Name Sign, Bracket Arm	Each	2	\$ 2,000.00	\$ 4,000.00	\$ 2,375.00	\$ 4,750.00	\$ 2,500.00	\$ 5,000.00	
135	Steel Pole Mounting Hub	Each	24	\$ 60.00	\$ 1,440.00	\$ 200.00	\$ 4,800.00	\$ 50.00	\$ 1,200.00	
136	Fish Beacon, Rectangular Rapid	Each	4	\$ 6,500.00	\$ 26,000.00	\$ 6,500.00	\$ 26,000.00	\$ 9,500.00	\$ 38,000.00	
137	Audible Pedestrian Beacon	Each	10	\$ 1,000.00	\$ 10,000.00	\$ 1,050.00	\$ 10,500.00	\$ 1,000.00	\$ 10,000.00	
138	Fiber Optic, Splice Enclosure, Wall-Mounted, Small	Each	2	\$ 6,000.00	\$ 12,000.00	\$ 4,900.00	\$ 9,800.00	\$ 800.00	\$ 1,600.00	
139	Fiber Optic, Pigtail	Each	24	\$ 50.00	\$ 1,200.00	\$ 25.00	\$ 600.00	\$ 35.00	\$ 840.00	
140	Pavt Mrkq. Longit. 6 inch or Less Width. Rem	Foot	8,040	\$ 1.00	\$ 8,040.00	\$ 0.90	\$ 7,236.00	\$ 0.90	\$ 7,236.00	

EBO - Construction Worksheet

Traffic Signal and Rectangular Rapidly Flashing Beacon Improvements at VARIOUS LOCATIONS 2024-1 , File No. 23043				
	J RANCK ELECTRIC INC		STRAIN ELECTRIC COMPANY LLC	
Original Bid Amounts (Total)	\$2,048,999.20		\$2,057,995.90	
Prosperous Economy (A)	MLBE-		MLBE-	
	MARIE	\$96,007	MARIE	\$96,007
	CONCRETE LLC		CONCRETE LLC	
Total Micro-LBE Participation	4.69%	\$ 96,007	4.67%	\$ 96,007
Micro-LBE Discount Points	1.50		1.50	
SUMMARY:				
Prosperous Economy (A)	1.50		1.50	
Registered Apprenticeship (A)				
Social Equity (B)				
Prosperous Economy - Annual (C)				
Enriched Lives (D)				
Clean Environment (E)				
TOTAL DISCOUNT POINTS	1.5		1.5	
Allowable Discount Points	1.5		1.5	
Discount Amount	\$	30,734.99	\$	30,869.94
Allowable Discount Amount	\$	30,734.99	\$	30,869.94
DISCOUNTED BID	\$	2,018,264.21	\$	2,027,125.96
Discounted BID Ranking	1		2	