

E-BID TABULATION REPORT
E-Bid #20240061 - Installation Maintenance of Traffic Signals Street Lighting
OPENED: June 25, 2024 - 3:00 PM

Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total
1	Ground Electrodes (F&I)	LF	1000	\$7.35	\$ 7,350.00	\$22.00	\$ 22,000.00
2	1" Above Ground Conduit (F&I)	LF	500	\$16.00	\$ 8,000.00	\$31.50	\$ 15,750.00
3	2" Above Ground Conduit (F&I)	LF	1000	\$32.80	\$ 32,800.00	\$45.00	\$ 45,000.00
4	2" Underground Conduit (F&I)	LF	5000	\$10.90	\$ 54,500.00	\$18.00	\$ 90,000.00
5	4" Underground Conduit (F&I)	LF	500	\$13.75	\$ 6,875.00	\$23.50	\$ 11,750.00
6	2" Underpavement Conduit (F&I)	LF	2000	\$29.85	\$ 59,700.00	\$27.50	\$ 55,000.00
7	4" Underpavement Conduit (F&I)	LF	1000	\$49.65	\$ 49,650.00	\$35.00	\$ 35,000.00
8	2" Rigid Jacked Conduit (F&I)	LF	500	\$39.35	\$ 19,675.00	\$76.50	\$ 38,250.00
9	4" Rigid Jacked Conduit (F&I)	LF	500	\$100.90	\$ 50,450.00	\$107.00	\$ 53,500.00
10	Signal Cable (12 Conductor - F&I)	LF	500	\$5.80	\$ 2,900.00	\$6.05	\$ 3,025.00
11	Signal Cable (16 Conductor - F&I)	LF	500	\$9.20	\$ 4,600.00	\$8.15	\$ 4,075.00
12	Signal Cable (19 Conductor - F&I)	LF	500	\$9.80	\$ 4,900.00	\$9.70	\$ 4,850.00
13	Signal Cable (20 Conductor - F&I)	LF	500	\$10.30	\$ 5,150.00	\$10.50	\$ 5,250.00
14	Intall of landscape uplightng-lights	EA	20	\$300.00	\$ 6,000.00	\$632.00	\$ 12,640.00
15	Install of landscape uplighting-cable	LF	500	\$1.05	\$ 525.00	\$1.85	\$ 925.00
16	Install of light pole mounted electrical outlet	EA	15	\$195.00	\$ 2,925.00	\$316.00	\$ 4,740.00
17	Street light/outlet wire F&I #1	LF	100	\$5.45	\$ 545.00	\$4.95	\$ 495.00
18	Street light/outlet wire F&I #2	LF	100	\$5.05	\$ 505.00	\$4.40	\$ 440.00
19	Street light/outlet wire F&I #4	LF	100	\$3.60	\$ 360.00	\$3.95	\$ 395.00
20	Street light/outlet wire F&I #6	LF	100	\$2.90	\$ 290.00	\$3.45	\$ 345.00
21	Street light/outlet wire F&I #8	LF	100	\$2.30	\$ 230.00	\$2.35	\$ 235.00
22	Street light/outlet wire F&I #10	LF	100	\$1.95	\$ 195.00	\$1.30	\$ 130.00
23	Signal Cable (Span Length Range 50'-149') IMSA Spec 19-1, 16 Conductor Veh, 12 Conductor Peds, 20 Conductor Veh. 12 Conductor Peds	PI	1	\$6,500.00	\$ 6,500.00	\$8,362.00	\$ 8,362.00
24	Signal Cable (Span Length Range 200'-299') IMSA Spec 19-1, 16 Conductor Veh, 12 Conductor Peds, 20 Conductor Veh. 12 Conductor Peds	PI	1	\$9,995.00	\$ 9,995.00	\$10,804.00	\$ 10,804.00

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25	Signal Cable (Span Length Range 350'-399') IMSA Spec 19-1, 16 Conductor Veh, 12 Conductor Peds, 20 Conductor Veh. 12 Conductor Peds	PI	1	\$15,000.00	\$ 15,000.00	\$12,894.00	\$ 12,894.00
26	Signal Cable (Span Length Range 400'-499') IMSA Spec 19-1, 16 Conductor Veh, 12 Conductor Peds, 20 Conductor Veh. 12 Conductor Peds	PI	1	\$18,500.00	\$ 18,500.00	\$14,663.00	\$ 14,663.00
27	Signal Cable (Span Length Range 500'-599') IMSA Spec 19-1, 16 Conductor Veh, 12 Conductor Peds, 20 Conductor Veh. 12 Conductor Peds	PI	1	\$19,300.00	\$ 19,300.00	\$16,431.00	\$ 16,431.00
28	Signal Cable (Span Length Range 600' or greater) IMSA Spec 19-1, 16 Conductor Veh, 12 Conductor Peds, 20 Conductor Veh. 12 Conductor Peds	PI	1	\$22,900.00	\$ 22,900.00	\$18,201.00	\$ 18,201.00
*ALL INTERSECTION SPAN LENGTH SHALL CARRY NECESSARY CABLE OR CABLES FOR VEHICLE SIGNALS AND PEDESTRIAN							
29	Interconnect Cable Aerial 6 Pr-22 Gauge includes integral Messenger Cable (PE-38)	LF	500	\$6.60	\$ 3,300.00	\$7.20	\$ 3,600.00
30	Interconnect Cable Underground 6 Pr-22 Gauge (PE-30)	LF	500	\$5.75	\$ 2,875.00	\$6.30	\$ 3,150.00
ALL F.O. ITEM #'s 24 thru 33 MUST CONFORM TO F.O. SPECIFICATIONS. (MATERIALS INSTALL METHODS ETC.)							
31	FO Cable 96F, SM, LT, UG, (F&I) (Corning Fiber, #096EU4-T4101D20843761, 96 Fiber Altos Gel-free, Non-Armored, SMFe, 12f/Tube)	LF	21,120	\$4.95	\$ 104,544.00	\$4.65	\$ 98,208.00
32	Row Delineator Marker Post Orange 6' (F&I)	EA	10	\$150.00	\$ 1,500.00	\$151.00	\$ 1,510.00
33	FO Cable 12F, SM, Drop Cable (F&I) (Corning/Siecor - 012EU4-T4701D20 - 12 Fiber ALTOS Gel-Free Cable Non Armored SMFe 1.4/0.4/0.3 dB/km 12f/tube Print in ft	LF	10,000	\$4.10	\$ 41,000.00	\$3.90	\$ 39,000.00
34	Fiber Optic Connection (Splice)	EA	384	\$56.80	\$ 21,811.20	\$54.50	\$ 20,928.00
35	Fiber Optic Connection (Termination)	EA	384	\$107.00	\$ 41,088.00	\$103.00	\$ 39,552.00
36	FO Term, Cab. 12F Wall (F&I) - Interconnect Center	EA	20	\$2,075.00	\$ 41,500.00	\$1,985.00	\$ 39,700.00
37	FO Jumper, Duplex ST-ST, SM, 10' (F&I)	EA	768	\$37.25	\$ 28,608.00	\$35.50	\$ 27,264.00

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38	TYCO/RAYCHEM FOSC 400FO Splice Closure 96F, Aerial/UG (F&I)	EA	30	\$6,300.00	\$ 189,000.00	\$6,029.00	\$ 180,870.00
39	Span Wire Assembly Diagonal (Span Length Range 50'-550')	LF	1	\$130.00	\$ 130.00	\$22.50	\$ 22.50
40	Span Wire Assembly Box (Span Length Range 50'-550')	LF	1	\$130.00	\$ 130.00	\$46.00	\$ 46.00
41	Span Wire Assembly - Drop Box (Span Length Range 50'-550')	LF	1	\$130.00	\$ 130.00	\$105.00	\$ 105.00
42	Traceable pull tape, 1800 lbs tensile strength Fibertek - WPT1800 Flath Cloth	LF	10,000	\$1.30	\$ 13,000.00	\$1.20	\$ 12,000.00
43	Fiberglass Insulator	LF	500	\$46.60	\$ 23,300.00	\$57.00	\$ 28,500.00
44	Messenger Wire	LF	1000	\$8.50	\$ 8,500.00	\$3.30	\$ 3,300.00
45	Pull & Junction Box - Quanzite - PG1730BB18 - 17x30x18"d - Cover -PG1730CA00 Synertech--S1730B18FA- 17"x30"x18"d Cover-Synertech-S1730HBBOA	EA	5	\$1,450.00	\$ 7,250.00	\$1,933.00	\$ 9,665.00
46	Pull & Junction Box - Quanzite - PG3048BB - 30"x8"x36"d - Cover- PG3048HC00 Oldcastle- 3048-36-30"x48"x36"d Cover-Oldcastle-Uni-half 3048	EA	5	\$3,125.00	\$ 15,625.00	\$6,442.00	\$ 32,210.00
47	Electric Power Svc - Overhead	AS	10	\$2,450.00	\$ 24,500.00	\$6,696.00	\$ 66,960.00
48	Electric Power Svc - Underground	AS	10	\$2,450.00	\$ 24,500.00	\$5,999.00	\$ 59,990.00
49	Electrical Svc Disconnect	AS	10	\$2,450.00	\$ 24,500.00	\$1,940.00	\$ 19,400.00
50	Emergency Signal Generator (Honda EU3000IS) - (Furnish Only)	AMBY	4	\$3,350.00	\$ 13,400.00	\$4,143.00	\$ 16,572.00
51	Service Pole 12' Type P-11	EA	4	\$1,530.00	\$ 6,120.00	\$2,414.00	\$ 9,656.00
52	1 Section Alum Signal Head (12")	AS	4	\$1,210.00	\$ 4,840.00	\$1,183.00	\$ 4,732.00
53	1 Section Lightweight Signal Head (12")	AS	4	\$1,210.00	\$ 4,840.00	\$1,183.00	\$ 4,732.00
54	1 Section Alum Signal Head (12"/2 Way)	AS	4	\$1,790.00	\$ 7,160.00	\$2,143.00	\$ 8,572.00
55	1 Section Lightweight Signal Head (12"/2 way)	AS	4	\$1,790.00	\$ 7,160.00	\$2,143.00	\$ 8,572.00

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56	1 Section Alum Signal Head (12"/3 Way)	AS	4	\$1,830.00	\$ 7,320.00	\$2,621.00	\$ 10,484.00
57	1 Section Lightweight Signal Head (12"/3 way)	AS	4	\$1,830.00	\$ 7,320.00	\$2,621.00	\$ 10,484.00
58	1 Section Alum. Signal Head (12"/4 Way)	AS	4	\$2,170.00	\$ 8,680.00	\$2,993.00	\$ 11,972.00
59	1 Section Lightweight Signal Head (12"/4 way)	AS	4	\$2,170.00	\$ 8,680.00	\$2,993.00	\$ 11,972.00
60	3 Section Alum. Signal Head (12"/1Way)	AS	16	\$1,925.00	\$ 30,800.00	\$1,938.00	\$ 31,008.00
61	3 Section Alum. Signal Head (12"/2 Way)	AS	16	\$2,030.00	\$ 32,480.00	\$2,977.00	\$ 47,632.00
62	3 Section Signal Head (12"/2 way)	AS	16	\$2,030.00	\$ 32,480.00	\$2,977.00	\$ 47,632.00
63	3 Section Alum. Signal Head (12"/3 way)	AS	16	\$2,280.00	\$ 36,480.00	\$4,092.00	\$ 65,472.00
64	3 Section Lightweight Signal Head (12"/3 way)	AS	16	\$2,280.00	\$ 36,480.00	\$4,092.00	\$ 65,472.00
65	3 Section Alum. Signal Head (12"/4 Way)	AS	16	\$3,650.00	\$ 58,400.00	\$5,068.00	\$ 81,088.00
66	3 Section Lightweight Signal Head (12"/4 Way)	AS	16	\$3,650.00	\$ 58,400.00	\$5,068.00	\$ 81,088.00
67	4 Section Alum. Signal Head (12"/1Way)	AS	16	\$2,400.00	\$ 38,400.00	\$2,375.00	\$ 38,000.00
68	4 Section Lightweight Signal Head (12"/1 Way)	AS	16	\$2,400.00	\$ 38,400.00	\$2,375.00	\$ 38,000.00
69	5 Section Alum. Signal Head (12")	AS	8	\$3,000.00	\$ 24,000.00	\$2,857.00	\$ 22,856.00
70	5 Section Lightweight Signal Head (12"/1 Way)	AS	8	\$3,000.00	\$ 24,000.00	\$2,800.00	\$ 22,400.00
71	3 Section Alum. Signal Head (12"/1Way) Install Only	AS	4	\$750.00	\$ 3,000.00	\$446.00	\$ 1,784.00
72	3 Section Alum. Signal Head (12"/1Way) Remove Only	AS	4	\$110.00	\$ 440.00	\$107.00	\$ 428.00
73	3 Section Alum. Signal Head (12"/2 Way) Install Only	AS	4	\$775.00	\$ 3,100.00	\$643.00	\$ 2,572.00
74	3 Section Alum. Signal Head (12"/2 Way) Remove Only	AS	4	\$130.00	\$ 520.00	\$161.00	\$ 644.00
75	3 Section Alum. Signal Head (12"/3 Way) Install Only	AS	4	\$785.00	\$ 3,140.00	\$857.00	\$ 3,428.00
76	3 Section Alum. Signal Head (12"/3 Way) Remove Only	AS	4	\$130.00	\$ 520.00	\$214.00	\$ 856.00

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77	3 Section Alum. Signal Head (12"/4 Way) Install Only	AS	4	\$795.00	\$ 3,180.00	\$1,072.00	\$ 4,288.00
78	3 Section Alum. Signal Head (12"/4 Way) Remove Only	AS	4	\$130.00	\$ 520.00	\$268.00	\$ 1,072.00
79	4 Section Alum. Signal Head (12"/1 Way) Install Only	AS	4	\$950.00	\$ 3,800.00	\$613.00	\$ 2,452.00
80	5 Section Alum. Signal Cluster Head (12") Install Only	AS	4	\$1,050.00	\$ 4,200.00	\$668.00	\$ 2,672.00
81	5 Section Alum. Signal Cluster Head (12") Remove Only	AS	4	\$195.00	\$ 780.00	\$223.00	\$ 892.00
82	16" Pedestrian Signals (F&I) (LED) (Countdown) (1Way)	EA	24	\$1,035.00	\$ 24,840.00	\$1,028.00	\$ 24,672.00
83	16" Pedestrian 1 Sec., 2-Way Countdown	EA	4	\$1,825.00	\$ 7,300.00	\$1,942.00	\$ 7,768.00
84	16" Pedestrian Signal Head (1 Way) Install Only	AS	4	\$325.00	\$ 1,300.00	\$343.00	\$ 1,372.00
85	16" Pedestrian Signal Head (2 Way) Install Only	AS	4	\$395.00	\$ 1,580.00	\$668.00	\$ 2,672.00
86	LED's A Red	EA	20	\$115.00	\$ 2,300.00	\$288.00	\$ 5,760.00
87	LED's B Yellow	EA	10	\$115.00	\$ 1,150.00	\$288.00	\$ 2,880.00
88	LED's C Green	EA	40	\$115.00	\$ 4,600.00	\$288.00	\$ 11,520.00
89	LED's D Red Arrow	EA	20	\$115.00	\$ 2,300.00	\$288.00	\$ 5,760.00
90	LED's E Yellow Arrow	EA	10	\$115.00	\$ 1,150.00	\$288.00	\$ 2,880.00
91	LED's F Green Arrow	EA	40	\$115.00	\$ 4,600.00	\$288.00	\$ 11,520.00
92	Signal Head Auxiliaries (Back Plates 3 - Section)	EA	16	\$240.00	\$ 3,840.00	\$361.00	\$ 5,776.00
93	Signal Head Auxiliaries (Tunnel Visors)	EA	15	\$98.00	\$ 1,470.00	\$109.00	\$ 1,635.00
94	Aluminum Pedestal All Included Complete W/Base	EA	16	\$2,500.00	\$ 40,000.00	\$2,630.00	\$ 42,080.00
95	Aluminum Transformer Base (14x13x20" high)	EA	4	\$1,105.00	\$ 4,420.00	\$656.00	\$ 2,624.00
96	Aluminum Transformer Base (13x13x17" high)	EA	4	\$1,105.00	\$ 4,420.00	\$656.00	\$ 2,624.00
97	Aluminum Transformer Base (14x14x16" high)	EA	4	\$1,105.00	\$ 4,420.00	\$656.00	\$ 2,624.00

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98	Signal Head Auxiliaries (Back Plates 5 Section)	EA	5	\$500.00	\$ 2,500.00	\$475.00	\$ 2,375.00
99	Iteris Vantage Next NEMA shelf mount 2 cam config.	EA	30	\$12,765.00	\$ 382,950.00	\$3,275.00	\$ 98,250.00
100	Iteris Vantage Next NEMA shelf mount 4 cam config.	EA	30	\$20,140.00	\$ 604,200.00	\$3,275.00	\$ 98,250.00
101	Iteris Vantage Venctor hybrid sensor F&I including cables	EA	30	\$11,450.00	\$ 343,500.00	\$12,688.00	\$ 380,640.00
102	TS-2 IM Module	EA	30	\$1,615.00	\$ 48,450.00	\$1,880.00	\$ 56,400.00
103	Install- Iteris optical vehicle detection system per approach	EA	16	\$2,250.00	\$ 36,000.00	\$1,072.00	\$ 17,152.00
104	Iteris optical detection cable inc. network cable F&I	LF	1600	\$2.55	\$ 4,080.00	\$3.80	\$ 6,080.00
105	Install- Econolite optical vehicle detection system per approach	EA	16	\$2,250.00	\$ 36,000.00	\$1,072.00	\$ 17,152.00
106	Econolite optical detection cable inc. network cable F&I	LF	1600	\$4.15	\$ 6,640.00	\$3.80	\$ 6,080.00
107	Install- Rhythm optical vehicle detection system per approach	EA	16	\$2,800.00	\$ 44,800.00	\$2,830.00	\$ 45,280.00
108	Rhythm optical optical detection cable incl. network cable F&I	LF	1600	\$8.95	\$ 14,320.00	\$8.15	\$ 13,040.00
109	Iteris Vehicle Detector Amby. Including Vehicle, Bicycle and Pedestrian Data Collector and HD Cameras	EA	8	\$2,250.00	\$ 18,000.00	\$1,072.00	\$ 8,576.00
110	Pedestrian Detector w/sign	EA	20	\$250.00	\$ 5,000.00	\$311.00	\$ 6,220.00
111	Pedestrian Detector w/post and sign = F&I, 4-1/2" Diameter Aluminum Post w/Aluminum transformer base F&I	AS	20	\$1,020.00	\$ 20,400.00	\$2,941.00	\$ 58,820.00
112	Flashing Beacon Controller- F&I, 4 1/2" Diameter Aluminum Post w/ Aluminum transformer base	AS	4	\$6,750.00	\$ 27,000.00	\$7,925.00	\$ 31,700.00
113	Flashing Beacon Controller Assembly (Solar 12V) w/sign	AMBY	4	\$7,650.00	\$ 30,600.00	\$3,843.00	\$ 15,372.00
114	Install Controller Assembly- F&I,Price shall include a minimum of two (2) Police Officers for traffic Control	AS	4	\$39,840.00	\$ 159,360.00	\$52,733.00	\$ 210,932.00

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115	Controller Cabinet Assembly w/ Concrete Pad - including controller, price shall include a minimum of two (2) Police Officers for traffic control. F&I	AS	2	\$43,630.00	\$ 87,260.00	\$52,733.00	\$ 105,466.00
116	Traffic Controller - Econlite Cobalt F&I	EA	30	\$7,980.00	\$ 239,400.00	\$50,801.00	\$ 1,524,030.00
117	Traffic Controller - Trafficware/Cubic TS2 F&I	EA	2	\$7,980.00	\$ 15,960.00	\$50,801.00	\$ 101,602.00
118	TS-2 Naztec 16 Channel MMU F&I	AMBY	5	\$2,775.00	\$ 13,875.00	\$2,316.00	\$ 11,580.00
119	Type 12 Econolite Monitor Furnish w/Harness- F&I	AS	1	\$2,775.00	\$ 2,775.00	\$2,316.00	\$ 2,316.00
120	16 Channel Econolite MMU- F&I	AS	20	\$2,775.00	\$ 55,500.00	\$2,316.00	\$ 46,320.00
121	RTC- CPR2102 M2M Controlled Time Clock- F&I	AS	5	\$975.00	\$ 4,875.00	\$1,651.00	\$ 8,255.00
122	RTC - AP22 M2M Time Clock	EA	39	\$975.00	\$ 38,025.00	\$1,358.00	\$ 52,962.00
123	RTC - G3 M2M Modem	EA	39	\$1,465.00	\$ 57,135.00	\$1,064.00	\$ 41,496.00
124	Uninterruptible power source complete (Novus FXM 1100) (Novus Fortex FX 200 Cabinet) with Network Card NOVUS 2000	EA	4	\$13,270.00	\$ 53,080.00	\$11,996.00	\$ 47,984.00
125	Uninterruptible power source 9Zinc Blue) complete assembly including cabinet and concrete pad F&I	EA	100	\$30,975.00	\$ 3,097,500.00	\$34,537.00	\$ 3,453,700.00
* ITEMS # 170 & 171 MUST MEET FIBER OPTIC (SPECIFIC MODELS)*							
126	FO Siemens RuggedCom Switch RS900G--RS900G-HI-D-25C10-XX	EA	8	\$2,730.00	\$ 21,840.00	\$2,746.00	\$ 21,968.00
127	Cable Composite Video-Data-Power (F&I)- PER CCTV Site MPEG IV	EA	4	\$810.00	\$ 3,240.00	\$815.00	\$ 3,260.00
128	Cable,Copper Patch Cable (F&I)- Per CCTV Link	EA	16	\$12.00	\$ 192.00	\$12.00	\$ 192.00
129	Install CCTV assembly (AXIS) including cables	EA	20	\$1,890.00	\$ 37,800.00	\$1,901.00	\$ 38,020.00
130	Remove CCTV assembly	EA	20	\$690.00	\$ 13,800.00	\$694.00	\$ 13,880.00
131	CCTV Mount, Mastobrac (F&I)	EA	4	\$450.00	\$ 1,800.00	\$453.00	\$ 1,812.00
132	Coax Hybrid RG6 Patch Cable (F&I)- Per CCTV Link	EA	4	\$210.00	\$ 840.00	\$211.00	\$ 844.00
133	Commnet Field ethernet switch CNGE11FX3TX8M[POE][HO]	EA	30	\$4,435.00	\$ 133,050.00	\$4,459.00	\$ 133,770.00
134	Video -Data Surge Arrestor Panel (F&I)	EA	1	\$535.00	\$ 535.00	\$537.00	\$ 537.00

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135	Remove Traffic Signal Head Assembly	EA	16	\$125.00	\$ 2,000.00	\$223.00	\$ 3,568.00
136	Remove Traffic Signal Head {3-Section) Assembly	EA	16	\$125.00	\$ 2,000.00	\$112.00	\$ 1,792.00
137	Remove Traffic Signal Head (5-Section) Assembly	EA	16	\$150.00	\$ 2,400.00	\$223.00	\$ 3,568.00
138	Remove Pedestrian Signal Assembly	EA	4	\$125.00	\$ 500.00	\$56.00	\$ 224.00
139	Remove Poles Concrete Strain	EA	4	\$10,090.00	\$ 40,360.00	\$9,164.00	\$ 36,656.00
140	Remove Mast Arm Assembly	EA	4	\$7,800.00	\$ 31,200.00	\$4,888.00	\$ 19,552.00
141	Remove Mast Arm Foundations	EA	4	\$10,090.00	\$ 40,360.00	\$9,164.00	\$ 36,656.00
142	Remove Controller Assembly	EA	4	\$1,445.00	\$ 5,780.00	\$1,072.00	\$ 4,288.00
143	Remove Controller Assembly w/Foundation	EA	4	\$2,165.00	\$ 8,660.00	\$1,982.00	\$ 7,928.00
144	Remove Vehicle Detector Assembly	EA	16	\$350.00	\$ 5,600.00	\$782.00	\$ 12,512.00
145	Remove Pedestrian Detector Assembly	EA	16	\$98.00	\$ 1,568.00	\$53.50	\$ 856.00
146	Remove Span Wire Assembly	EA	4	\$2,285.00	\$ 9,140.00	\$1,607.00	\$ 6,428.00
147	Remove Cabling & Conduits	LF	100	\$8.70	\$ 870.00	\$929.00	\$ 92,900.00
148	Remove Overhead Street Sign	LF	4	\$95.00	\$ 380.00	\$321.00	\$ 1,284.00
149	Remove Existing Interconnect Cable	LF	100	\$1.25	\$ 125.00	\$1.20	\$ 120.00
150	Sign, Internally Illuminated, Street Name (install only)	EA	16	\$930.00	\$ 14,880.00	\$349.00	\$ 5,584.00
151	Span Mounted Sign,(install only)	EA	16	\$125.00	\$ 2,000.00	\$321.00	\$ 5,136.00
152	Remove Span Mounted Sign	EA	16	\$60.00	\$ 960.00	\$214.00	\$ 3,424.00
153	Light Pole Foundation (F&I) 30"x9'	EA	10	\$2,355.00	\$ 23,550.00	\$3,079.00	\$ 30,790.00
154	Light Pole Foundation (Straighten)	EA	10	\$350.00	\$ 3,500.00	\$658.00	\$ 6,580.00
155	480 V 400W HPS Ballast Only, F&I	EA	100	\$365.00	\$ 36,500.00	\$736.00	\$ 73,600.00
156	400W HPS Lamp Only, F&I	EA	12	\$180.00	\$ 2,160.00	\$497.00	\$ 5,964.00
157	Light Pole Complete (BLACK)(30' Aluminum, Single 10' Arm)(GFCI Recpt.)(LED) - Village Parkway	EA	10	\$8,225.00	\$ 82,250.00	\$14,627.00	\$ 146,270.00
158	Light Pole Complete (40' Aluminum, Single 6' Arm)(Banner Arms)(LED) - Rosser Blvd. / Gatlin Blvd.	EA	10	\$8,050.00	\$ 80,500.00	\$14,211.00	\$ 142,110.00
159	Light Pole Complete (40' Aluminum, Single 15' Arm)(LED) - PSL Blvd. / Prima Vista	EA	10	\$7,150.00	\$ 71,500.00	\$14,560.00	\$ 145,600.00

E-BID TABULATION REPORT
E-Bid #20240061 - Installation Maintenance of Traffic Signals Street Lighting
OPENED: June 25, 2024 - 3:00 PM

Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total
160	Light Pole Complete (40' Aluminum, Double 6' Arms)(LED) - Gatlin Blvd, Median	EA	10	\$9,255.00	\$ 92,550.00	\$16,025.00	\$ 160,250.00
161	Light Pole Complete (50' Aluminum, Top Mint.)(LED) - US 1	EA	10	\$8,540.00	\$ 85,400.00	\$13,593.00	\$ 135,930.00
162	Light Pole Complete Special Design (Decorative)(Banner Arms)(LED) Airoso/Selvitz/Prima Vista / Bayshore / Gatlin	EA	5	\$18,025.00	\$ 90,125.00	\$22,499.00	\$ 112,495.00
163	Light Pole Complete Special Design (Double Arm)(Decorative)(Banner Arms)(LED) Lennard Road	EA	5	\$29,165.00	\$ 145,825.00	\$30,635.00	\$ 153,175.00
164	Light Pole Complete Special Design (Decorative)(LED) Bayshore/Prima Vista	EA	5	\$13,445.00	\$ 67,225.00	\$21,100.00	\$ 105,500.00
165	Light Pole Complete Special Design (Decorative)(LED) Becker Road	EA	5	\$12,250.00	\$ 61,250.00	\$15,609.00	\$ 78,045.00
166	Light Pole Complete Special Design (Decorative)(LED) City Center	EA	5	\$8,635.00	\$ 43,175.00	\$15,959.00	\$ 79,795.00
167	Light Pole Complete Special Design (Decorative)(LED) Crosstown Small Pole	EA	5	\$17,990.00	\$ 89,950.00	\$15,609.00	\$ 78,045.00
168	Light Pole Complete Special Design (Decorative)(LED) PSL Blvd.	EA	5	\$6,415.00	\$ 32,075.00	\$21,620.00	\$ 108,100.00
169	Light Pole complete Special Design (Decorative)(LED) Floresta Drive	EA	5	\$8,640.00	\$ 43,200.00	\$23,186.00	\$ 115,930.00
170	Hurricane Emergency Rate- 3 Man Crew with bucket/pickup and trailer	HR	40	\$625.00	\$ 25,000.00	\$1,275.00	\$ 51,000.00
171	Foreman Regular Hourly Rate	MH	800	\$160.00	\$ 128,000.00	\$123.00	\$ 98,400.00
172	Laborer Regular Hourly Rate	MH	800	\$90.00	\$ 72,000.00	\$80.50	\$ 64,400.00
173	Signal Cable (7 Conductor-F&I)	LF	1000	\$4.70	\$ 4,700.00	\$3.80	\$ 3,800.00
174	Terminal Block F&I	EACH	2	\$1,455.00	\$ 2,910.00	\$108.00	\$ 216.00
175	Proofing Existing Conduit	LF	100	\$6.50	\$ 650.00	\$1,607.00	\$ 160,700.00
176	Internally Illuminated Sign, F&I Up to 12 SF	EACH	20	\$ 3,605.00	\$ 72,100.00	\$ 8,239.00	\$ 164,780.00
177	Internally Illuminated Sign, F&I 12-18 SF	EACH	20	\$ 3,815.00	\$ 76,300.00	\$ 8,533.00	\$ 170,660.00

E-BID TABULATION REPORT

E-Bid #20240061 - Installation Maintenance of Traffic Signals Street Lighting

OPENED: June 25, 2024 - 3:00 PM

Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total
178	Pedestrian Detector-Accessible, F&I Pole or Controller Cabinet Mounted Detector Station & Sign	EACH	4	\$ 2,485.00	\$ 9,940.00	\$ 3,238.00	\$ 12,952.00
179	Solar powered rectangular rapid flashing beacon (RRFB) assembly back to back including base and grounding per cut sheet from City of PSL F&I	EA	4	\$ 9,065.00	\$ 36,260.00	\$ 17,206.00	\$ 68,824.00
180	632-7 (9-Conductor F&I)	LF	1000	\$ 4.55	\$ 4,550.00	\$ 4.50	\$ 4,500.00
181	Install Only 110 V Electrical Outlets on City Maintained Facilities/Utilities	EACH	8	\$ 275.00	\$ 2,200.00	\$ 316.00	\$ 2,528.00
182	Fiber Optic Cross Connect As-Built Diagrams Furnish Only	EACH	75	\$ 1,890.00	\$ 141,750.00	\$ 1,901.00	\$ 142,575.00
183	Technician Hour	HR	100	\$ 145.00	\$ 14,500.00	\$ 167.00	\$ 16,700.00
184	Maintenance of Traffic (Partical Lane Closure)(Per Day)	DY	5	\$600.00	\$ 3,000.00	\$1,484.00	\$ 7,420.00
185	Maintenance of Traffic (Lane Closure)(Per Day)	LN	5	\$1,745.00	\$ 8,725.00	\$2,087.00	\$ 10,435.00
186	Police Officer (Off-Duty)(Per Officer, Per Man Hour)(1/2 Day Minimum required, per officer)	MH	24	\$96.00	\$ 2,304.00	\$121.00	\$ 2,904.00
187	OSP ROW Design & Permitting	MILE	100	\$4,050.00	\$ 405,000.00	\$9,053.00	\$ 905,300.00
188	OSP GPS Survey (On-Site GPS Locations)	MILE	100	\$1,830.00	\$ 183,000.00	\$2,022.00	\$ 202,200.00
189	OSP GPS Technician (On-Site Fiber Optic Data Collection)f	MILE	100	\$1,830.00	\$ 183,000.00	\$2,022.00	\$ 202,200.00
190	Jet Line (F&I)	LF	10,000	\$0.55	\$ 5,500.00	\$0.90	\$ 9,000.00
191	Tracer Wire (Detectable)(14 AWG THHN/THWN-Green)(F&I)(Wire Only)(No ground rods or side leg term)	LF	10,000	\$1.05	\$ 10,500.00	\$1.05	\$ 10,500.00
192	Side Leg Terminator (F&I)(ACT)(For FO Drop Cable Installations)	EACH	20	\$930.00	\$ 18,600.00	\$935.00	\$ 18,700.00
193	FO Cable (144F)(SM)(F&I)(Corning)	LF	10,000	\$5.00	\$ 50,000.00	\$5.00	\$ 50,000.00
194	FO Cable (12F)(MM)(F&I)(Corning)	LF	2,400	\$6.75	\$ 16,200.00	\$6.80	\$ 16,320.00
195	FO Cable (12F)(MM)(Riser Rated)(F&I)(Corning)	LF	100	\$9.30	\$ 930.00	\$9.35	\$ 935.00

E-BID TABULATION REPORT
E-Bid #20240061 - Installation Maintenance of Traffic Signals Street Lighting
OPENED: June 25, 2024 - 3:00 PM

Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total
196	FO Cable (12F)(SM)(Plenum Rated)(F&I)(Corning)	LF	100	\$5.95	\$ 595.00	\$5.95	\$ 595.00
197	FO Cable (12F)(SM)(Plenum Rated - TB)(F&I)(Corning)	LF	100	\$4.50	\$ 450.00	\$4.55	\$ 455.00
198	FO Cable (24F)(SM)(F&I)(Corning)	LF	500	\$4.20	\$ 2,100.00	\$4.20	\$ 2,100.00
199	FO Cable (24F)(MM)(Riser Rated)(F&I)(Corning)	LF	100	\$14.70	\$ 1,470.00	\$15.00	\$ 1,500.00
200	FO Cable (24F)(SM)(Plenum Rated)(F&I)(Corning)	LF	100	\$6.60	\$ 660.00	\$6.65	\$ 665.00
201	FO Closure (For RE-entry)(Splices Paid Separately)(Corning or Commscope)	EACH	960	\$390.00	\$ 374,400.00	\$392.00	\$ 376,320.00
202	Splice Tray (F&I)(Corning or Commscope)	EACH	36	\$54.00	\$ 1,944.00	\$54.50	\$ 1,962.00
203	FO Termination Cabinet (96F)(F&I)(Cabinet, Couplers, Connectors, Splices)(Corning / Commscope)	EACH	12	\$10,665.00	\$ 127,980.00	\$10,724.00	\$ 128,688.00
204	FO Termination Cabinet (144F)(F&I)(Cabinet, Couplers, Connectors, Splices)(Corning / Commscope)	EACH	4	\$14,970.00	\$ 59,880.00	\$15,057.00	\$ 60,228.00
205	Buffer Fan Out Kit (12F)(F&I)(Corning)	EACH	36	\$90.00	\$ 3,240.00	\$90.50	\$ 3,258.00
206	ODTR Test (1 Wave - 1 Direction)	EACH	20	\$18.00	\$ 360.00	\$18.00	\$ 360.00
207	FO Jumper (Duplex)(SC-ST)(SM)(10')(F&I)(Corning)	EACH	100	\$33.00	\$ 3,300.00	\$33.00	\$ 3,300.00
208	FO Jumper (Duplex)(LC-ST)(SM)(10')(F&I)(Corning)	EACH	100	\$36.00	\$ 3,600.00	\$36.00	\$ 3,600.00
209	FO Splice Closure (12F)(F&I)(Closure, Trays, Splices)(Corning / Commscope)	EACH	96	\$1,830.00	\$ 175,680.00	\$1,841.00	\$ 176,736.00
210	FO Splice Closure (24F)(F&I)(Closure, Trays, Splices)(Corning / Commscope)	EACH	24	\$2,370.00	\$ 56,880.00	\$2,384.00	\$ 57,216.00
211	FO Splice Closure (48F)(F&I)(Closure, Trays, Splices)(Corning / Commscope)	EACH	24	\$3,595.00	\$ 86,280.00	\$3,615.00	\$ 86,760.00
212	FO Splice Closure (72F)(F&I)(Closure, Trays, Splices)(Corning / Commscope)	EACH	24	\$4,950.00	\$ 118,800.00	\$4,978.00	\$ 119,472.00
213	FO Splice Closure (96F)(F&I)(Closure, Trays, Splices)(Corning / Commscope)	EACH	48	\$5,995.00	\$ 287,760.00	\$6,029.00	\$ 289,392.00

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E-Bid #20240061 - Installation Maintenance of Traffic Signals Street Lighting
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Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total
214	FO Splice Closure (144F)(F&I)(Closure, Trays, Splices)(Corning / Commscope)	EACH	10	\$8,130.00	\$ 81,300.00	\$8,178.00	\$ 81,780.00
215	Remove Existing UPS (Includes Police Officers)(Does not include Concrete Foundation)	EACH	20	\$2,165.00	\$ 43,300.00	\$824.00	\$ 16,480.00
216	CCTV Camera (Bosch Autodome HD 7000)(PTZ)(F&I)(W/12F Closure & Trays)	EACH	20	\$8,395.00	\$ 167,900.00	\$8,443.00	\$ 168,860.00
217	Engineering & Florida P.E. Services	HR	15	\$395.00	\$ 5,925.00	\$392.00	\$ 5,880.00
218	BICSI RCDD	HR	15	\$300.00	\$ 4,500.00	\$302.00	\$ 4,530.00
219	CADD Operator	HR	80	\$135.00	\$ 10,800.00	\$139.00	\$ 11,120.00
220	4 Section Aux. (Back Plate 4-Section)(Vertical)(F&I)	EACH	34	\$350.00	\$ 11,900.00	\$440.00	\$ 14,960.00
221	4 Section Aux. (Back Plate 4-Section)(Upside Down T)(F&I)	EACH	2	\$350.00	\$ 700.00	\$440.00	\$ 880.00
222	<12 SF Static Sign w/ Mast-O Brac (F&I)	EACH	34	\$555.00	\$ 18,870.00	\$1,056.00	\$ 35,904.00
223	Cubic Field Technical Support MMU 4-Section	DY	1	\$3,000.00	\$ 3,000.00	\$241.00	\$ 241.00
224	Grand Total				\$ 11,658,834.20		\$ 14,618,940.50

EXTRA BILLINGS

LABOR AND EQUIPMENT SERVICES

Line #	Descriptions	Units	Unit Price
1	Auger Trucks--42" with Operator	HR	\$ 250.00
2	Bucket Trucks height up to 36'	HR	\$ 185.00
3	Bucket Trucks height above 35'	HR	\$ 185.00

Unit Price
\$ 332.00
\$ 150.00
\$ 175.00

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Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total
4	Trenching Machine 30" x 4"	HR		\$ 80.00		\$ 234.00	
5	18 Ton Hydraulic Crane w/Operator	HR		\$ 215.00		\$ 332.00	
6	Backhoe with Operator	HR		\$ 145.00		\$ 225.00	
7	Concrete Poles: F&I Class V 34'-44'	EA		\$ 13,315.00		\$ 18,458.00	
8	Concrete Poles: F&I Class VI 40'-50'	EA		\$ 13,735.00		\$ 19,507.00	
9	Concrete Poles: F&I Class VII 44'-58'	EA		\$ 14,160.00		\$ 20,976.00	
10	Misc. Materials Not Listed Contractor to provide documentation for all materials showing cost plus % markup)	EA		20%		20%	

Line #	ADDITIONAL PRODUCTS & SERVICES	Units	Price	Price
1	CO03 - On Call Monthly Retainage (1 week per month)(price does not include MOT or Off-Duty Law Enforcement to provide if necessary)**	WEEKLY	\$ 1,500.00	\$ 8,280.00

1	Original Bid Bond		Yes	Yes
2	Copy of current insurance.		Yes	Yes
3	Reviewed & Accepted all City terms & conditions.		Yes	Yes
4	Submitted all the required forms.		Yes	Yes
5	Listed projects similar to this one.		Yes	Yes
6	Filed Bankruptcy?		No	No
7	Any law suits?		No	Yes
8	Any criminal violations?		No	No
9	Submitted the Vendor Code of Ethics.		Yes	Yes
10	Submitted W-9		Yes	Yes
11	Submitted Non-Collusion.		Yes	Yes

E-BID TABULATION REPORT
E-Bid #20240061 - Installation Maintenance of Traffic Signals Street Lighting
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Line #	Descriptions	Units	Estimated Quantities	Ferreira Construction Co., Inc.		Traffic Control Devices, LLC	
				Unit Price	Total	Unit Price	Total

Number of E-Bids received:	2
Number of Planholders:	14
Number of Potential Bidders:	455
Number of Non-Responsive Bids:	0