

INTEROFFICE MEMORANDUM

To: Steve McAlearney, Engineering Director

CC: David Sermak, Purchasing

From: Cheri Smith, City Clerk

Date: July 16, 2019

Subject: **POST DISASTER TRAFFIC SIGNAL REPAIR; RFP 008-19**



The following bids were opened Wednesday, July 10, 2019 at 3:30 p.m. in response to the above referenced project.

1. AGC Electric Inc.
2660 W 79th Street
Hialeah, FL 33016

*See Price List Provided

CS/lcc

POST DISASTER TRAFFIC SIGNAL REPAIR

PROPOSAL (CONTINUED)

Item No.	FDOT Specification-Pay Item Reference	Traffic Signal Maintenance Item Description	Unit of Measure	Bid Unit Price Routine Response	Bid Unit Price Emergency Response
1	0102 14	Traffic Control Officer	Manhour	\$ 85.00	\$ 127.50
2	0102 60	Work Zone Sign	Each Day	\$ 3.00	\$ 3.75
3	0102 74 1	Temporary Barriers	Each Day	\$ 2.00	\$ 2.50
4	0102 76	Arrow Board/Advance Warning Arrow Panel	Each Day	\$ 50.00	\$ 62.50
5	0630 2 11	Conduit Furnish & Install (F&I) - Underground	Linear Feet	\$ 5.00	\$ 6.25
6	0630 2 14	Conduit F&I - Aboveground	Linear Feet	\$ 40.00	\$ 50.00
7	0630 2 15	Conduit F&I - Bridge Mount	Linear Feet	\$ 30.00	\$ 37.50
8	0632 7 1	Signal Cable F&I - New or Reconditioned	Per Intersection	\$ 22,000.00	\$ 27,500.00
9	0632 7 2	Signal Cable F&I - Repair, Replace, Other	Linear Feet	\$ 15.00	\$ 18.75
10	0632 7 4	Signal Cable - Adjust	Per Intersection	\$ 7,000.00	\$ 8,750.00
11	0633 1121	Fiber Optic Cable 13-48, F&I - Overhead	Linear Feet	\$ 22.00	\$ 27.50
12	0633 1122	Fiber Optic Cable 13-48, F&I, Underground	Linear Feet	\$ 20.00	\$ 25.00
13	0633 4 1	Signals Communication Cable, Twisted Pair	Linear Feet	\$ 11.00	\$ 13.75
14	0634 4141	Span Wire Assembly, F&I - Single Point Perpendicular	Per Intersection	\$ 3,640.00	\$ 4,550.00
15	0634 4142	Span Wire Assembly, F&I - Single Point Diagonal	Per Intersection	\$ 3,700.00	\$ 4,625.00
16	0634 4142	Span Wire Assembly, F&I - Single Point Box	Per Intersection	\$ 5,400.00	\$ 6,750.00
17	0634 4151	Span Wire Assembly, F&I - Two Point Perpendicular	Per Intersection	\$ 5,600.00	\$ 7,000.00
18	0634 4152	Span Wire Assembly, F&I - Two Point Diagonal	Per Intersection	\$ 3,640.00	\$ 4,550.00
19	0634 4153	Span Wire Assembly, F&I - Two Point Box	Per Intersection	\$ 5,700.00	\$ 7,125.00
20	0634 4341	Span Wire Assembly, Install - Single Point Perpendicular	Per Intersection	\$ 3,640.00	\$ 4,550.00
21	0634 4342	Span Wire Assembly, Install - Single Point Diagonal	Per Intersection	\$ 3,700.00	\$ 4,625.00
22	0634 4343	Span Wire Assembly, Install - Single Point Box Span	Per Intersection	\$ 4,400.00	\$ 5,500.00
23	0634 4351	Span Wire Assembly, Install - Two Point Perpendicular	Per Intersection	\$ 3,640.00	\$ 4,550.00
24	0634 4352	Span Wire Assembly, Install - Two Point Diagonal	Per Intersection	\$ 3,700.00	\$ 4,625.00
25	0634 4353	Span Wire Assembly, Install - Two Point Box Span	Per Intersection	\$ 4,500.00	\$ 5,625.00

POST DISASTER TRAFFIC SIGNAL REPAIR

PROPOSAL (continued)

Item No.	FDOT Specification-Pay Item Reference	Traffic Signal Maintenance Item Description	Unit of Measure	Bid Unit Price Routine Response	Bid Unit Price Emergency Response
26	0635 2 11	Pull & Junction Box, F&I - Pull Box	Each	\$ 900.00	\$ 1,125.00
27	0635 2 12	Pull & Junction Box, F&I - Fiber Optics	Each	\$ 2,000.00	\$ 2,500.00
28	0635 2 13	Pull & Junction box, F&I - Special	Each	\$ 4,200.00	\$ 5,250.00
29	0635 3 11	Pull & Junction Box, F&I - Aerial	Each	\$ 800.00	\$ 1,000.00
30	0635 3 12	Pull & Junction Box, F&I - Mounted	Each	\$ 1,200.00	\$ 1,500.00
31	0639 1 12	Signal Electrical Power Service - Overhead, FUR Cont	Each	\$ 4,450.00	\$ 5,562.50
32	0639 1 13	Signal Electrical Power Service Overhead	Each	\$ 4,250.00	\$ 5,312.50
33	0639 1 22	Signal Electrical Power Service - Underground, PUR Cont	Each	\$ 4,780.00	\$ 5,975.00
34	0639 1 23	Signal Electrical Power Service - Underground	Each	\$ 4,580.00	\$ 5,725.00
35	0639 2 1	Signal Electrical Service Wire	Linear Feet	\$ 10.00	\$ 12.50
36	0639 3 11	Signal Electrical Service Disconnect, F&I - Pole Mount	Each	\$ 780.00	\$ 975.00
37	0641 2 12	Precast Concrete Pole, F&I - Type P-II SRV	Each	\$ 2,360.00	\$ 2,500.00
38	0641 2 14	Precast Concrete Pole, F&I - TYP P-IV	Each	\$ 8,200.00	\$ 10,250.00
39	0641 2 15	Precast Concrete Pole, F&I - Type P-V	Each	\$ 10,400.00	\$ 13,000.00
40	0641 2 16	Precast Concrete Pole, F&I - Type P-VI	Each	\$ 10,900.00	\$ 13,625.00
41	0643 1	Strain Poles, Guying, Wood	Each	\$ 3,200.00	\$ 4,000.00
42	0643 140	Strain Pole, Wood, F&I - Up to 40 Feet	Each	\$ 4,100.00	\$ 6,160.00
43	646	Aluminum Pole, F&I	Each	\$ 1,800.00	\$ 2,250.00
44	0649 31101	ST Mast Arm, F&I - WS-150, Sing Arm, without LUM-36	Each	\$ 28,800.00	\$ 36,000.00
45	0649 31102	Mast Arm, F&I - WS-150, Single Arm, W/O Lum-46	Each	\$ 31,900.00	\$ 39,875.00
46	0649 31104	Mast Arm, F&I - WS-150, Single Arm, W/O Lum-70.5	Each	\$ 45,700.00	\$ 57,125.00
47	0650 1111	Traffic Signal, F&I - 1 SECT, 1 Way, Aluminum	Assembly	\$ 1,070.00	\$ 1,337.50
48	0650 1113	Traffic Signal, F&I - 1 SECT, 1 Way, Polycarb	Assembly	\$ 960.00	\$ 984.00
49	0650 1121	Traffic Signal, F&I - 1 SECT, 2 Way, Aluminum	Assembly	\$ 1,830.00	\$ 2,287.50
50	0650 1141	Traffic Signal, F&I - 1 SECT, 4 Way, Aluminum	Assembly	\$ 1,850.00	\$ 2,312.50

POST DISASTER TRAFFIC SIGNAL REPAIR

PROPOSAL (continued)

Item No.	FDOT Specification-Pay Item Reference	Traffic Signal Maintenance Item Description	Unit of Measure	Bid Unit Price Routine Response	Bid Unit Price Emergency Response
51	0650 1311	Traffic Signal, F&I - 3 SECT, 1 Way, Aluminum	Assembly	\$ 1,500.00	\$ 1,875.00
52	0650 1313	Traffic Signal, F&I - 3 SECT, 1 Way, Polycarb	Assembly	\$ 1,480.00	\$ 1,850.00
53	0650 1314	Traffic Signal, F&I - 3 SECT, 1 Way, Program	Assembly	\$ 4,200.00	\$ 6,250.00
54	0650 1321	Traffic Signal, F&I - 3 SECT, 2 Way, Aluminum	Assembly	\$ 2,800.00	\$ 3,500.00
55	0650 1323	Traffic Signal, F&I - 3 SECT, 2 Way, Polycarb	Assembly	\$ 2,500.00	\$ 3,125.00
56	0650 1331	Traffic Signal, F&I - 3 SECT, 3 Way, Aluminum	Assembly	\$ 3,200.00	\$ 4,000.00
57	0650 1341	Traffic Signal, F&I - 3 SECT 4 Way, Aluminum	Assembly	\$ 2,800.00	\$ 3,500.00
58	0650 1411	Traffic Signal, F&I - 4 SECT, 1 Way, Aluminum	Assembly	\$ 1,900.00	\$ 2,375.00
59	0650 1511	Traffic Signal, F&I - 5 SECT, 1 Way, Aluminum	Assembly	\$ 2,100.00	\$ 2,675.00
60	0650 1513	Traffic Signal, F&I - 5 SECT, 1 Way, Polycarb	Assembly	\$ 2,000.00	\$ 2,500.00
61	0650 1521	Traffic Signal, F&I - 5 SECT, 2 Way, Aluminum	Assembly	\$ 2,200.00	\$ 2,750.00
62	653181	Pedestrian Signal, F&I, LED, 1 Direct	Assembly	\$ 1,180.00	\$ 1,475.00
63	653182	Pedestrian Signal, F&I, LED, 2 Direct	Assembly	\$ 1,880.00	\$ 2,350.00
64	653191	Pedestrian Signal, F&I, LED Count DWN, 1	Assembly	\$ 1,180.00	\$ 1,475.00
65	NA	Pedestrian Signal, F & I, Solar Carmanah R247-E	Assembly	\$ NA	\$ NA
66	0659 1 01	Retrofit Exist Signal Auxil, F&I, BKPLT	Each	\$ 148.00	\$ 185.00
67	0659 1 03	Retrofit Exist Signal Auxil, F&I, DIS H	Each	\$ 520.00	\$ 650.00
68	0659 1 05	Retrofit Exist SGNL-AUXIL, F&I, Visor	Each	\$ 80.00	\$ 100.00
69	0660 1101	Loop Detector Inductive, F&I, Type 1	Each	\$ 280.00	\$ 350.00
70	0660 1102	Loop Detector Inductive, F&I, Type 2	Each	\$ 320.00	\$ 400.00
71	0660 2101	Loop Assembly-F&I, Type A	Assembly	\$ 1,700.00	\$ 2,125.00
72	0660 2102	Loop Assembly-F&I, Type B	Assembly	\$ 1,100.00	\$ 1,375.00
73	0660 2106	Loop Assembly-F&I, Type F	Assembly	\$ 1,700.00	\$ 2,125.00
74	0660 2107	Loop Assembly-F&I, Type G	Assembly	\$ 1,800.00	\$ 2,250.00
75	0660 4 11	Vehicle Detection System-Video, F&I, Cabinet, Equipment	Each	\$ 12,800.00	\$ 16,000.00

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PROPOSAL (continued)

Item No.	FDOT Specification-Pay Item Reference	Traffic Signal Maintenance Item Description	Unit of Measure	Bid Unit Price Routine Response	Bid Unit Price Emergency Response
76	0660 4 12	Vehicle Detection System-Video, F&I, Cabinet, Above Ground Equipment	Each	\$ 4,250.00	\$ 6,938.00
77	0665 11	PED Detection, F&I - Detection STA Pole or Cabinet Mounted	Each	\$ 400.00	\$ 500.00
78	0670 4 1	Flashing Beacon Control Assembly, F&I	Assembly	\$ 2,000.00	\$ 2,500.00
79	0670 5110	Traffic Control Assembly, F&I - NEMA	Assembly	\$ 29,000.00	\$ 36,250.00
80	0670 5111	Traffic Control Assembly, F&I - NEMA, 1 Preemption	Assembly	\$ 36,000.00	\$ 54,000.00
81	0670 5112	Traffic Control Assembly, F&I - NEMA, 2 Preemption	Assembly	\$ 48,000.00	\$ 60,000.00
82	0670 5130	Traffic Control Assembly, F&I - Special	Assembly	\$ 31,000.00	\$ 46,500.00
83	0670 5131	Traffic Control Assembly, F&I - Special, 1 Preemption	Assembly	\$ 38,000.00	\$ 47,500.00
84	0670 5132	Traffic Control Assembly, F&I - Special, 2 Preemption	Assembly	\$ 48,000.00	\$ 60,000.00
85	0678 1103	Controller Accessories, F&I - Type 12 Conflict Monitor	Each	\$ 1,900.00	\$ 2,375.00
86	0678 1107	Controller Accessories, F&I - Type 1 Time Switch	Each	\$ 1,580.00	\$ 1,975.00
87	0690 10	Signal Head Traffic Assembly Removal	Each	\$ 380.00	\$ 475.00
88	0690 20	Signal Pedestrian Assembly Removal	Each	\$ 180.00	\$ 225.00
89	0690 31	Signal Pedestrian Removal	Each	\$ 480.00	\$ 600.00
90	0690 32 1	Pole Removal, Shallow, Direct Burial	Each	\$ 3,800.00	\$ 4,750.00
91	0690 32 2	Pole Removal, Shallow, Bolt on attach	Each	\$ 4,200.00	\$ 5,250.00
92	0690 50	Control Assembly - Remove Complete Assembly	Each	\$ 1,300.00	\$ 1,950.00
93	0690 50 1	Control Assembly - Remove Cabinet Assembly Less FDN	Each	\$ 880.00	\$ 1,320.00
94	0690 60	Detector Vehicle Assembly - Remove	Each	\$ 480.00	\$ 600.00
95	0690 70	Detector Pedestrian Assembly - Remove	Each	\$ 80.00	\$ 80.00
96	0690 80	Span Wire Assembly - Remove	Each	\$ 580.00	\$ 725.00
97	0690 90	Conduit & Cabling within Intersection - Remove	Per Intersection	\$ 980.00	\$ 1,225.00
98	0690 91	Signal Interconnect Cable - Remove	Linear Feet	\$ 800.00	\$ 1,000.00
99	690100	Signal Equipment Miscellaneous Remove	Per Intersection	\$ 1,600.00	\$ 2,000.00
100	0700 5 21	Internal Illuminating Sign, F&I	Each	\$ 3,500.00	\$ 4,375.00

POST DISASTER TRAFFIC SIGNAL REPAIR

PROPOSAL (continued)

Item No.	Street Light Maintenance Item Description	Unit of Measure	Bid Unit Price Routine Response	Bid Unit Price Emergency Response
200	Mobilization/Demobilization	Per Event	\$ 4,500.00	\$ 5,625.00
201	LED Street Light Cobra Assembly, F&I	Each	\$ 1,300.00	\$ 1,625.00
204	Street Light Bulb, Remove & Replace with New LED Cobra Head Assembly F&I	Each	\$ 1,300.00	\$ 1,625.00
206	LED Shield - F&I	Each	\$ 820.00	\$ 1,025.00
207	Existing Street Light Assembly - Remove	Each	\$ 780.00	\$ 925.00
208	Conventional Photo Cell - Remove & Replace	Each	\$ 380.00	\$ 475.00
209	Payment and Performance Bonds	Per Dollar	\$ 0.025.00	\$ 0.025.00

Item No.	Miscellaneous	Unit of Measure	Bid Unit Price Routine Response	Bid Unit Price Emergency Response
300	Reconnaissance and/or Damage Assessment	Manhour	\$ 120.00	\$ 250.00
301	Individual Per Diem	Each Day	\$ 40.00	\$ 50.00
302	Per Diem (per 2 Person Crew)	Each Day	\$ 80.00	\$ 100.00

Mobilization to include, but not limited to, all costs associated with travel to Key West (incl. labor, mileage, vehicles, etc.) and maintenance of traffic

Unit prices to include materials, labor, equipment overhead, fuel, disposal, licensed electrician, etc.

Cobra Head Assembly: PHILLIPS RES-54W16LED3K-G2-R2M-UNV-DMG-FAWS-HS-RCD7-GY3.

Street light wiring/energizing by KEYS Energy.

Price for Bonding shall assume Payment and Performance Bond required in the full task order amount exceeding \$150,000 as per 2 CFR Part 200 on an individual task order basis.