



**Bid 15-039**  
**On-Call Traffic Signal Electrical Services**  
**Opening Date: Wednesday, August 26, 2015**

**Tri-State Electric, Ltd.**  
**Vinton, Texas**

Item	Description	Qty	UOM	Cost
1	Barricades, Signs, and Trf Handling (MOB OP)	1	HR	\$275.00
2	Repl 12" LED Trf Sign Lamp Unit (Red)	1	EA	\$350.00
3	Repl 12" LED Trf Sign Lamp Unit (Amber)	1	EA	\$350.00
4	Repl 12" LED Trf Sign Lamp Unit (Green)	1	EA	\$350.00
5	Repl 12" LED Trf Sign Lamp Unit (Green Arrow)	1	EA	\$350.00
6	Repl 12" LED Trf Sign Lamp Unit (Amber Arrow)	1	EA	\$350.00
7	Barr., Signs, and Trf Handling (Main Lanes)	1	CYC	\$950.00
8	Replace Communication Cable (Coax Cable)	1	LF	\$9.75
9	Trouble Shoot Equipment (Day)	1	HR	\$135.00
10	Trouble Shoot Equipment (Night/Weekend/Holiday)	1	HR	\$195.00
11	Replace Signal Cable (CONDR)(No. 14 – No. 16)	1	LF	\$1.95
12	Replace Signal Cable (CONDR)(No. 10 – No. 12)	1	LF	\$2.25
13	Replace Signal Cable (CONDR)(No. 6 – No. 8)	1	LF	\$3.05
14	Replace Signal Cable (CONDR)(No. 2 – No. 4)	1	LF	\$5.55
15	Troubleshoot Power Cable (Day)	1	HR	\$135.00
16	Troubleshoot Power Cable (Night/Weekend/Holiday)	1	HR	\$195.00
17	Troubleshoot Signal Cable (Day)	1	HR	\$135.00
18	Troubleshoot Signal Cable (Night/Weekend/Holiday)	1	HR	\$195.00
19	Troubleshoot Interconn Cbl (Day)	1	HR	\$135.00
20	Troubleshoot Interconn Cbl (Night/Weekend/Holiday)	1	HR	\$195.00
21	Troubleshoot Comm Cable (Day)	1	HR	\$135.00
22	Troubleshoot Comm Cable (Night/Weekend/Holiday)	1	HR	\$195.00
23	Graffiti Removal (Cabinet)	1	EA	\$500.00
24	Graffiti Removal (Pole)	1	EA	\$195.00
25	Graffiti Removal (Building)	1	EA	\$700.00
26	Replace Device (Copper Modem)	1	EA	\$750.00
27	Replace Device (Fiber Modem)	1	EA	\$2,500.00
28	Adjust CCTV Camera	1	HR	\$155.00
29	Clean CCTV Camera	1	EA	\$195.00
30	Preventive Maintenance of CCTV Camera System	1	EA	\$225.00
31	Replace NEMA Cabinet (Empty Shell)	1	EA	\$7,500.00
32	Replace NEMA Cabinet & Controller	1	EA	\$28,500.00
33	Replace NEMA Load Switch	1	EA	\$125.00
34	Replace NEMA Flasher	1	EA	\$125.00
35	Replace Flash Transfer Relay	1	EA	\$125.00
36	Replace TS2 BIU Card	1	EA	\$600.00

Item	Description	Qty	UOM	Cost
37	Replace TS2 Conflict Monitor	1	EA	\$1,527.50
38	Replace TS2 Controller	1	EA	\$3,513.06
39	Replace TS2 Cabinet Power Supply	1	EA	\$615.00
40	Replace VIVIDS Card Rack	1	EA	\$952.35
41	Replace VIVIDS Processor System	1	EA	\$3,000.00
42	Replace Power Connection (Excluding Poles)	1	EA	\$5,500.00
43	Replace Power Service Pole (Excl Services)	1	EA	\$2,500.00
44	Conduit (PVC) (Schd 40) (2")	1	LF	\$12.00
45	Conduit (PVC) (Schd 40) (2") Bore	1	LF	\$25.00
46	Conduit (PVC) (Schd 40) (3")	1	LF	\$15.00
47	Conduit (PVC) (Schd 40) (3") Bore	1	LF	\$30.00
48	Replace Ground Box TY A (122311) w/Apron	1	EA	\$1,100.00
49	Replace Ground Box TY D (162922) w/Apron	1	EA	\$1,200.00
50	Replace Ground Box TY 1 (304648) w/Apron	1	EA	\$2,500.00
51	Replace VIVIDS Pole	1	EA	\$1,900.00
52	Adjust VIVIDS Detector Camera	1	HR	\$155.00
53	Replace VIVIDS Camera Assembly	1	EA	\$2,675.00
54	Barr., Signs and Trf Handling (Srv Rd & Ramp)	1	CYC	\$750.00
55	Replace Interconnect / Comm. Cable (12 Pair)	1	LF	\$5.50
56	Replace Signal Cable (2 Condr)	1	LF	\$3.00
57	Replace Signal Cable (5 Condr)	1	LF	\$3.50
58	Replace Signal Cable (7 Condr)	1	LF	\$4.00
59	Replace Batteries (700VA – 3500 VA)	1	EA	\$750.00
60	Replace Batteries (100VA – 950 VA)	1	EA	\$600.00
61	Replace Batteries (24 & Higher)	1	EA	\$500.00
62	Remove & Replace Foundation (24-A) (Ped Pole)	6	LF	\$295.00
63	Remove & Replace Foundation (30-A) (Mast Arm)	10.5	LF	\$325.00
64	Remove & Replace Foundation (36-A) (Mast Arm)	12	LF	\$355.00
65	Remove & Replace Foundation (48-A) (Long Mast Arm)	20	LF	\$398.00
66	Remove & Replace Foundation (NEMA Cabinet)	1	EA	\$7,687.50
67	Replace Signal Cable (Condr) (No. 1/0)	1	LF	\$7.00
68	Preventive Maintenance (Traffic Sig Interconnect)	1	EA	\$7,500.00
69	Replace Push Button	1	EA	\$250.00
70	Replace Accessible Pedestrian Signal Module (Button)	1	EA	\$2,500.00
71	Portable Message Board	1	DAY	\$550.00
72	Attenuator Truck w/Driver	1	HR	\$155.00

Approved By (Signature)

Approved By (Print)

Date

8/31/2015-EC