

July 2, 2019
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA

Y19-1077-CH/Addendum #4

**TERM CONTRACT FOR SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL
EQUIPMENT**

Bid Opening Date: July 11, 2019

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

A. The Bid Opening Date shall remain as follows:

July 11, 2019 at 2:00 P.M.

B. Note the REVISION to the Schedule of Prices as follows:

~~Delete: The Schedule of Prices, Pages D-3 through D-24 issued in the Invitation for Bids.~~

Replace with: The Revised Schedule of Prices, Pages Revised D-3 through Revised D-24 issued in Addendum #4.

C. The following is a Request for Information and the response:

- 1. Question:** On page C-8 (of the IFB), section 9 (Award of Contract/Rejection of Bids), first paragraph, second sentence states "The County will award one Contract for this requirement". However, on the handout provided at the pre-bid meeting, on page 2 of 5, note #5 states "The County anticipates awarding two (2) Contracts for these services". Can you please clarify if the County will be awarding one or two Contracts for this project?

Response: Note the **REVISION** to Part C, Item 9, Award of Contract/Rejection of Bids, first paragraph as follows:

AWARD OF CONTRACT/REJECTION OF BIDS:

~~**Delete:** A Contract will be awarded to the low, responsive and responsible Bidder(s), price and other factors considered. The County will award one Contract for this requirement.~~

Replace with: A Contract will be awarded to the low, responsive and responsible Bidder(s), price and other factors considered. At its sole discretion, the County may award multiple contracts for this work.

D. Note the **REVISION** to Part H, Technical Provisions as follows:

Delete: ~~Technical Provision TP455, Drilled Shaft Foundation issued in the Invitation for Bids.~~

Replace with: Technical Provision TP455, Drilled Shaft Foundation issued in Addendum #4.

E. Note the **REVISION** to Part H, Technical Provisions as follows:

Delete: ~~Technical Provision TP649, Steel Strain Poles and Steel Mast Arms/Poles in the Invitation for Bids.~~

Replace with: Technical Provision TP649, Steel Strain Poles and Steel Mast Arms/Poles in the Invitation for Bids.

F. All other terms and conditions of the IFB remain the same.

G. The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the proposal.

Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm

**To the Board of County Commissioners
Orange County, Florida**

The bidder understands that he/she is bidding for a term Contract for which no specific projects have been identified in the Invitation for Bids. The Bidder further acknowledges to the following:

- a. The sites for the work that may be performed under this Contract may be anywhere within Orange County.
- b. Countywide local conditions that may impact the work have been considered.
- c. The Contract Form, General Conditions, Supplementary Conditions, and other Contract documents have been thoroughly examined.
- d. The resultant Contract will contain estimated quantities, unit prices, extended totals and a total estimated contract amount to furnish all labor, materials, plant, equipment, manpower and other resources, including overhead and profit. These costs shall be the means to price any and all Delivery Orders issued thereunder.
- e. Each specific site for work under this Contract shall be issued to the Contractor via Delivery Order per Articles 4, 24, 28, 29 of the General Conditions and other applicable provisions.
- f. This is a unit price Term Contract and the total Estimated Bid is the sum of all pay items total from the Bid Item Schedule, Pages REVISED D-3 – REVISED D-24. No specifications or drawings are applicable to the Contract. However, if required, specifications and drawings will apply to individual projects issued under specified Deliver Orders.

**TOTAL ESTIMATED BID:
(BASIC YEAR PLUS OPTION YEARS 1&2)**

_____ **DOLLARS**

(\$ _____)

In the event the Contract is awarded to this Bidder, he/she will enter into a formal written agreement with the County in accordance with the accepted Bid within ten (10) calendar days after said Contract is submitted to him/her. The Bidder further agrees that in the event of the Bidder's default or breach of any of the agreements of this proposal, the said bid deposit shall be forfeited as liquidated damages.

Failure of the Bidder to provide pricing for all unit priced items and/or the Base Bid and ALL requested additive/deductive bid items, or alternate bids shall be cause for rejection of the bid as non-responsive.

Minimum Quantity/Dollars – During the initial performance period of this contract, the COUNTY guarantees that the CONTRACTOR shall receive orders for a minimum of **\$50,000.00**.

Y19-1077-CH; REVISED SCHEDULE OF PRICES
SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
1	0102 2	COMPLEX MAINTENANCE OF TRAFFIC	4	LS		
2	0102 14	TRAFFIC CONTROL OFFICER	100	MH		
3	0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	50	ED		
4	0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	50	SY		
5	0455 88 48A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 48" DIA.	20	LF		
6	0455 88 54A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 54" DIA.	25	LF		
7	0455 88 60A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 60" DIA.	10	LF		
8	0520 1 7	CONCRETE CURB & GUTTER, TYPE E	50	LF		
9	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	125	LF		
10	0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	100	SY		
11	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	50	SY		
12	0527 2	DETECTABLE WARNINGS	100	SF		
13	0563 3	ANTI-GRAFFITI COATING, SACRIFICIAL	100	SF		
14	0563 4	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	500	SF		
15	0570 1 2A	PERFORMANCE TURF, SOD, ARGENTINE BAHIA	200	SY		
16	0570 1 2B	PERFORMANCE TURF, SOD, SAINT AUGUSTINE	50	SY		
17	0580 336	PRUNING AND TRIMMING TREES	5	EA		
18	0620 1 1	GROUNDING ELECTRODE	100	LF		
19	0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	5000	LF		
20	0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	2000	LF		
21	0630 2 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	150	LF		
22	0630 2 65	CONDUIT, REMOVE, BRIDGE MOUNT	100	LF		
23	0632 7 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	6	PI		
24	0632 7 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	1000	LF		
25	0632 7 6	SIGNAL CABLE, REMOVE- INTERSECTION	3	PI		
26	0632 7 7	SIGNAL CABLE, REMOVE- OUTSIDE OF INTERSECTION	500	LF		
27	0633 1 111	FIBER OPTIC CABLE, F&I, OVERHEAD,2-12 FIBERS	500	LF		
28	0633 1 112	FIBER OPTIC CABLE, F&I, OVERHEAD,13-48 FIBERS	1000	LF		

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 BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
29	0633 1 113	FIBER OPTIC CABLE, F&I, OVERHEAD,49-96 FIBERS	5000	LF		
30	0633 1 121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	500	LF		
31	0633 1 122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	500	LF		
32	0633 1 123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	2000	LF		
33	0633 1 410	FIBER OPTIC CABLE, RELOCATE, OVERHEAD	100	LF		
34	0633 1 420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	100	LF		
35	0633 1 610	FIBER OPTIC CABLE, REMOVE, OVERHEAD	100	LF		
36	0633 1 620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	100	LF		
37	0633 2 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	500	EA		
38	0633 2 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	200	EA		
39	0633 3 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	10	EA		
40	0633 3 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	20	EA		
41	0633 3 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	5	EA		
42	0633 3 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	5	EA		
43	0633 3 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	5	EA		
44	0633 3 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL-FIELD TERMINATED	5	EA		
45	0633 3 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	5	EA		
46	0633 3 31	FIBER OPTIC CONNECTION HARDWARE, INSTALL, SPLICE ENCLOSURE	3	EA		
47	0633 3 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	3	EA		
48	0633 3 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE TRAY	3	EA		
49	0633 3 56	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL	3	EA		
50	0633 8 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	1000	LF		
51	0634 4 152	SPAN WIRE ASSEMBLY, F&I, TWO POINT, DIAGONAL	1	PI		
52	0634 4 153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX	1	PI		
53	0634 4 400	SPAN WIRE ASSEMBLY, ADJUST	1	PI		
54	0634 5 1	FIBERGLASS INSULATOR, FURNISH & INSTALL	10	LF		
55	0634 6 1	MESSENGER WIRE, F&I	1500	LF		
56	0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	50	EA		
57	0635 2 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	15	EA		
58	0635 2 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	5	EA		

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BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
59	0635 3 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	5	EA		
60	0639 1 111	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY	3	AS		
61	0639 1 112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	1	AS		
62	0639 1 122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	5	AS		
63	0639 2 1	ELECTRICAL SERVICE WIRE F&I	2000	LF		
64	0639 3 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	5	EA		
65	0639 4 3	EMERGENCY GENERATOR - PORTABLE INSTALL- RETROFIT, AGENCY FURNISHED	1	EA		
66	0639 4 4	EMERGENCY GENERATOR - PORTABLE, INSTALL- NOT RETROFIT, AGENCY FURNISHED	1	EA		
67	0639 4 5	EMERGENCY GENERATOR - PORTABLE, MONITOR & REFUEL	5	HR		
68	0641 2 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	5	EA		
69	0641 2 12	PRESTRESSED CONCRETE POLE, F&I, 12' TYPE P-II SERVICE POLE	5	EA		
70	0641 2 13	PRESTRESSED CONCRETE POLE, F&I, 40' TYPE P-III	2	EA		
71	0641 2 15	PRESTRESSED CONCRETE POLE, F&I, 44' TYPE P-V	2	EA		
72	0641 2 16	PRESTRESSED CONCRETE POLE, F&I, 48' TYPE P-VI	2	EA		
73	0641 2 17	PRESTRESSED CONCRETE POLE, F&I, 52' TYPE P-VII	2	EA		
74	0641 2 18	PRESTRESSED CONCRETE POLE, F&I, 56' TYPE P-VIII	2	EA		
75	0641 2 30	PRESTRESSED CONCRETE POLE, INSTALL	2	EA		
76	0641 2 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	5	EA		
77	0641 2 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	2	EA		
78	0641 2 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	2	EA		
79	0643 1 40	STRAIN POLE, WOOD, FURNISH & INSTALL, 40'	2	EA		
80	0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	20	EA		
81	0646 1 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	4	EA		
82	0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	2	EA		
83	0649 21 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	1	EA		
84	0649 21 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	1	EA		
85	0649 21 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	1	EA		
86	0649 21 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	1	EA		
87	0649 21 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	1	EA		
88	0649 21 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	1	EA		

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 BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
89	0649 21 7	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-30'	1	EA		
90	0649 21 9	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-50'	1	EA		
91	0649 21 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	1	EA		
92	0649 21 14	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-60'	1	EA		
93	0649 21 19	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-60'	1	EA		
94	0649 21 20	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-70'	1	EA		
95	0649 21 24	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-50'	1	EA		
96	0649 26 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	1	EA		
97	0649 26 7	STEEL MAST ARM ASSEMBLY, REMOVE, REMOVE ARM AND ATTACHMENTS; POLE REMAINS	1	EA		
98	0649 21 17	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-40'	1	EA		
99	0649 21 25	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-60'	1	EA		
100	0649 21 23	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-40'	1	EA		
101	0649 40	STEEL MAST ARM ASSEMBLY- RECOATING COMPLETE ASSEMBLY	4	EA		
102	0650 111	TRAFFIC SIGNAL, F&I, 1 SECTION, 1 WAY, ALUMINUM	4	AS		
103	0650 112	TRAFFIC SIGNAL, F&I, 1 SECTION, 2 WAY, ALUMINUM	2	AS		
104	0650 114	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, ALUMINUM	50	AS		
105	0650 115	TRAFFIC SIGNAL, F&I, 3 SECTION, 2 WAY, ALUMINUM	4	AS		
106	0650 115A	TRAFFIC SIGNAL, F&I, 3 SECTION, 3 WAY, ALUMINUM	2	AS		
107	0650 116	TRAFFIC SIGNAL, F&I, 4 SECTION, 1 WAY, ALUMINUM	10	AS		
108	0650 119	TRAFFIC SIGNAL, F&I, 5 SECTION, 1 WAY, ALUMINUM	4	AS		
109	0650 150	TRAFFIC SIGNAL HEAD, INSTALL	5	AS		
110	0650 160	TRAFFIC SIGNAL HEAD, REMOVE- POLES TO REMAIN	10	AS		
111	0650 170	TRAFFIC SIGNAL HEAD, RELOCATE	4	AS		
112	0650 180	FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	20	EA		
113	0650 190	FURNISH & INSTALL, TUNNEL VISOR	10	EA		
114	0653 1 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	50	AS		
115	0653 1 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	10	AS		
116	0653 1 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	2	AS		
117	0654 2 21	RRFB, FURNISH & INSTALL- SOLAR POWERED, COMPLETE ASSEMBLY- SINGLE DIRECTION	8	AS		
118	0654 2 30	RECTANGULAR RAPID FLASHING BEACON, INSTALL	4	AS		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
119	0654 2 50	RECTANGULAR RAPID FLASHING BEACON, ADJUST/MODIFY	2	AS		
120	0654 2 60	RECTANGULAR RAPID FLASHING BEACON, REMOVE	4	AS		
121	0660 1 102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20	EA		
122	0660 1 109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	20	EA		
123	0660 1 110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	10	EA		
124	0660 1 112	LOOP DETECTOR INDUCTIVE, F&I, TYPE 12	5	EA		
125	0660 2 102	LOOP ASSEMBLY, F&I, TYPE B, 6' X 6'	50	AS		
126	0660 2 106	LOOP ASSEMBLY, F&I, TYPE F, 6' X 40'	50	AS		
127	0660 2 109	LOOP LEAD-IN CABLE, FURNISH AND INSTALL, AWG #14	2000	LF		
128	0660 3 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT, 1 DIRECTION	5	EA		
129	0660 3 12A	VEHICLE DETECTION SYSTEM- MICROWAVE, F&I, ABOVE GROUND EQUIP; PRESENCE DETECTION 2 DIRECTIONS	1	EA		
130	0660 3 12B	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT, 2 DIRECTIONS	1	EA		
131	0660 4 10	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, 4 DIRECTIONS	5	EA		
132	0660 4 10A	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, 4 DIRECTIONS; SPAN WIRE MOUNTING	5	EA		
133	0660 4 10B	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, WITH RADAR ADVANCE; 4 DIRECTIONS	2	EA		
134	0660 4 10C	VEHICLE DETECTION SYSTEM- VIDEO, INSTALL, COMPLETE SYSTEM, 4 DIRECTIONS	2	EA		
135	0660 4 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT, UP TO 4 DIRECTIONS	5	EA		
136	0660 4 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT, 1 DIRECTION	10	EA		
137	0660 4 12A	VEHICLE DETECTION SYSTEM- VIDEO, INSTALL ABOVE GROUND EQUIPMENT, 1 DIRECTION	10	EA		
138	0660 4 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	2	EA		
139	0660 5 11	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, F & I, CABINET EQUIPMENT	2	EA		
140	0660 5 12	VEHICLE DETECTION SYS.- WIRELESS MAGNETOMETER, F & I, ABOVE GROUND EQUIPMENT, 1 DIRECTION	4	EA		
141	0660 5 13	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, IN-ROAD SENSOR,	20	EA		
142	0660 6 121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	2	EA		
143	0660 6 122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	2	EA		
144	0663 1 110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM, UP TO 4 DIRECTIONS	2	EA		
145	0663 1 110A	SIGNAL PRIORITY AND PREEMPTION SYSTEM, INSTALL ONLY, OPTICAL, COMPLETE SYSTEM, UP TO 4 DIRECTIONS	6	EA		
146	0663 1 112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	2	EA		
147	0663 1 122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	2	EA		
148	0663 1 400	SIGNAL PRIORITY & PREEMPTION SYSTEM, RELOCATE	2	EA		

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BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
149	0663 1 600	SIGNAL PRIORITY & PREEMPTION SYSTEM, REMOVE	2	EA		
150	0665 1 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	30	EA		
151	0665 1 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	20	EA		
152	0665 1 30	PEDESTRIAN DETECTOR, INSTALL	5	EA		
153	0665 1 40	PEDESTRIAN DETECTOR, RELOCATE	2	EA		
154	0665 1 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	2	EA		
155	0665 2	PEDESTRIAN DETECTOR, FURNISH & INSTALL, THERMAL PASSIVE DETECTORS	4	EA		
156	0670 4 1	INTERSECTION CONTROL BEACON CONTROLLER ASSEMBLY, FURNISH & INSTALL	2	AS		
157	0670 5 112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION, SIZE 6 CABINET	2	AS		
158	0670 5 300	TRAFFIC CONTROLLER ASSEMBLY, INSTALL	2	AS		
159	0670 5 400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	2	AS		
160	0670 5 500	TRAFFIC CONTROLLER ASSEMBLY, RELOCATE CONTROLLER WITH CABINET	2	AS		
161	0670 5 600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	2	AS		
162	0676 1 111	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 1	2	EA		
163	0676 1 115	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 5	2	EA		
164	0676 1 116	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 6	2	EA		
165	0676 2 112	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336S, 24" W X 46" H X 22" D	4	EA		
166	0676 2 142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	2	EA		
167	0676 2 400	ITS CABINET, RELOCATE	2	EA		
168	0676 2 500	ITS CABINET- ADJUST/MODIFY	2	EA		
169	0676 2 600	ITS CABINET- REMOVE	2	EA		
170	0680 1 112	ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, CABINET EQUIPMENT	2	EA		
171	0680 1 113	ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, ABOVE GROUND EQUIPMENT	3	EA		
172	0682 1 133	CCTV CAMERA, F&I, DOME ENCLOSURE - NON PRESSURIZED, IP, HIGH DEFINITION	5	EA		
173	0682 1 300	CCTV CAMERA, INSTALL	2	EA		
174	0682 1 600	CCTV CAMERA, REMOVE	2	EA		
175	0682 1 900	CCTV CAMERA, DIAGNOSTIC AND MISCELLANEOUS REPAIR	2	EA		
176	0684 1 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	2	EA		
177	0684 6 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	2	EA		
178	0684 6 11A	WIRELESS COMMUNICATION DEVICE, INSTALL ETHERNET ACCESS POINT	2	EA		

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Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
179	0684 6 12 WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET SUBSCRIBER UNIT	2	EA		
180	0684 6 12A WIRELESS COMMUNICATION DEVICE, INSTALL ETHERNET SUBSCRIBER UNIT	2	EA		
181	0685 1 13 UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	2	EA		
182	0685 1 13A UNINTERRUPTIBLE POWER SUPPLY, INSTALL, LINE INTERACTIVE WITH CABINET	2	EA		
183	0690 100 SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	10	PI		
184	0700 2 13 MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	2	AS		
185	0700 2 14 MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	2	AS		
186	0700 2 15 MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	2	AS		
187	0700 2 50 MULTI- POST SIGN, GROUND MOUNT, RELOCATE	2	AS		
188	0700 2 60 MULTI- POST SIGN, GROUND MOUNT, REMOVE	2	AS		
189	0700 2 80 MULTI- POST SIGN, GROUND MOUNT, REPAIR	2	AS		
190	0700 5 21 INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, UP TO 12 SF	10	EA		
191	0700 5 22 INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, 12-18 SF	10	EA		
192	0700 5 40 INTERNALLY ILLUMINATED SIGN, INSTALL- FURNISHED BY AGENCY	2	EA		
193	0700 5 60 INTERNALLY ILLUMINATED SIGN, REMOVE	2	EA		
194	0700 11 162A ELECTRONIC DISPLAY SIGN A, F & I, GROUND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
195	0700 11 162B ELECTRONIC DISPLAY SIGN B, F & I, GROUND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
196	0700 11 231C ELECTRONIC DISPLAY SIGN C, F & I, GRND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
197	0700 11 232D ELECTRONIC DISPLAY SIGN D, F & I, GRND MOUNT- SOLAR POWERED, 18" ESFS	10	AS		
198	0700 11 262E ELECTRONIC DISPLAY SIGN E, F & I, GROUND MOUNT, SOLAR POWERED, 15" ESFS W/FLASHING BEACON	10	AS		
199	0700 11 262F ELECTRONIC DISPLAY SIGN F, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	4	AS		
200	0700 11 262G ELECTRONIC DISPLAY SIGN G, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	4	AS		
201	0700 11 263H ELECTRONIC DISPLAY SIGN H, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	2	AS		
202	0700 11 391 ELECTRONIC DISPLAY SIGN, OVERHEAD MOUNT, AC POWERED, BLANKOUT SIGN, UP TO 12 SF	2	AS		
203	0700 11 431 ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, UP TO 12 SF	2	AS		
204	0700 11 432 ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, 12-20 SF	2	AS		
205	0700 11 433 ELECTRONIC DISPLAY SIGN, INSTALL GROUND MOUNT- SPEED FEEDBACK SIGN, 21-30 SF	2	AS		
206	0700 11 441 ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, UP TO 12 SF	2	AS		
207	0700 11 442 ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 12-20 SF	2	AS		
208	0700 11 443 ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 21-30 SF	2	AS		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 BASIC YEAR

	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
209	0700 11 600	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	2	AS		
210	0700 11 700	ELECTRONIC DISPLAY SIGN, REMOVE- OVERHEAD MOUNT	2	AS		
211	0700 12 11A	SCHOOL SPEED LIMIT SIGN W/BEACON, F&I COMPLETE ASSEMBLY, GROUND MOUNT, AC POWERED	2	AS		
212	0700 12 21A	SCHOOL SPEED LIMIT SIGN W/BEACON, F&I COMPLETE ASSEMBLY, GROUND MOUNT- SOLAR POWERED	20	AS		
213	0700 12 31A	OVERHEAD SCHOOL SPEED LIMIT SIGN F&I W/ 1 BEACON, SOLAR POWERED, OVERHEAD SUPPORT NOT INCLUDED	4	AS		
214	0999 101	UNSKILLED LABORER	200	MH		
215	0999 102	NIGHT WORK PREMIUM, PER NIGHT	4	PN		
216	0999 103	EMERGENCY WORK PREMIUM, PER EVENT	4	PE		
217	1000 <u>0455 1</u>	INDEMNIFICATION- DRILLED SHAFT FOUNDATION; CONC. FOUNDATION, 48" DIA	1- <u>20</u>	EA <u>LF</u>		
<u>218</u>	<u>0455 2</u>	<u>DRILLED SHAFT FOUNDATION; CONC. FOUNDATION, 60" DIA.</u>	<u>20</u>	<u>LF</u>		
<u>219</u>	<u>1000</u>	<u>INDEMNIFICATION</u>	<u>1</u>	<u>EA</u>	<u>\$100.00</u>	<u>\$100.00</u>

TOTAL ESTIMATED BASE BID FOR BASIC YEAR: \$ _____
 Reference Numbers 1 through 219

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 1

Reference Number	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
218 <u>220</u>	0102 2	COMPLEX MAINTENANCE OF TRAFFIC	4	LS		
219 <u>221</u>	0102 14	TRAFFIC CONTROL OFFICER	100	MH		
220 <u>222</u>	0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	50	ED		
224 <u>223</u>	0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	50	SY		
222 <u>224</u>	0455 88 48A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 48" DIA.	20	LF		
223 <u>225</u>	0455 88 54A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 54" DIA.	25	LF		
224 <u>226</u>	0455 88 60A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 60" DIA.	10	LF		
226 <u>227</u>	0520 1 7	CONCRETE CURB & GUTTER, TYPE E	50	LF		
226 <u>228</u>	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	125	LF		
227 <u>229</u>	0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	100	SY		
228 <u>230</u>	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	50	SY		
229 <u>231</u>	0527 2	DETECTABLE WARNINGS	100	SF		
230 <u>232</u>	0563 3	ANTI-GRAFFITI COATING, SACRIFICIAL	100	SF		
234 <u>233</u>	0563 4	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	500	SF		
232 <u>234</u>	0570 1 2A	PERFORMANCE TURF, SOD, ARGENTINE BAHIA	200	SY		
233 <u>235</u>	0570 1 2B	PERFORMANCE TURF, SOD, SAINT AUGUSTINE	50	SY		
234 <u>236</u>	0580 336	PRUNING AND TRIMMING TREES	5	EA		
235 <u>237</u>	0620 1 1	GROUNDING ELECTRODE	100	LF		
236 <u>238</u>	0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	5000	LF		
237 <u>239</u>	0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	2000	LF		
238 <u>240</u>	0630 2 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	150	LF		
239 <u>241</u>	0630 2 65	CONDUIT, REMOVE, BRIDGE MOUNT	100	LF		
240 <u>242</u>	0632 7 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	6	PI		
244 <u>243</u>	0632 7 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	1000	LF		
242 <u>244</u>	0632 7 6	SIGNAL CABLE, REMOVE- INTERSECTION	3	PI		
243 <u>245</u>	0632 7 7	SIGNAL CABLE, REMOVE- OUTSIDE OF INTERSECTION	500	LF		
244 <u>246</u>	0633 1 111	FIBER OPTIC CABLE, F&I, OVERHEAD,2-12 FIBERS	500	LF		
245 <u>247</u>	0633 1 112	FIBER OPTIC CABLE, F&I, OVERHEAD,13-48 FIBERS	1000	LF		
246 <u>248</u>	0633 1 113	FIBER OPTIC CABLE, F&I, OVERHEAD,49-96 FIBERS	5000	LF		
247 <u>249</u>	0633 1 121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	500	LF		
248 <u>250</u>	0633 1 122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	500	LF		
249 <u>251</u>	0633 1 123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	2000	LF		
250 <u>252</u>	0633 1 410	FIBER OPTIC CABLE, RELOCATE, OVERHEAD	100	LF		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
OPTION YEAR 1

254 <u>253</u>	0633 1 420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	100	LF		
252 <u>254</u>	0633 1 610	FIBER OPTIC CABLE, REMOVE, OVERHEAD	100	LF		
253 <u>255</u>	0633 1 620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	100	LF		
254 <u>256</u>	0633 2 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	500	EA		
255 <u>257</u>	0633 2 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	200	EA		
256 <u>258</u>	0633 3 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	10	EA		
257 <u>259</u>	0633 3 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	20	EA		
258 <u>260</u>	0633 3 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	5	EA		
259 <u>261</u>	0633 3 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	5	EA		
260 <u>262</u>	0633 3 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	5	EA		
261 <u>263</u>	0633 3 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL-FIELD TERMINATED	5	EA		
262 <u>264</u>	0633 3 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	5	EA		
263 <u>265</u>	0633 3 31	FIBER OPTIC CONNECTION HARDWARE, INSTALL, SPLICE ENCLOSURE	3	EA		
264 <u>266</u>	0633 3 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	3	EA		
265 <u>267</u>	0633 3 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE TRAY	3	EA		
266 <u>268</u>	0633 3 56	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL	3	EA		
267 <u>269</u>	0633 8 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	1000	LF		
268 <u>270</u>	0634 4 152	SPAN WIRE ASSEMBLY, F&I, TWO POINT, DIAGONAL	1	PI		
269 <u>271</u>	0634 4 153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX	1	PI		
270 <u>272</u>	0634 4 400	SPAN WIRE ASSEMBLY, ADJUST	1	PI		
271 <u>273</u>	0634 5 1	FIBERGLASS INSULATOR, FURNISH & INSTALL	10	LF		
272 <u>274</u>	0634 6 1	MESSENGER WIRE, F&I	1500	LF		
273 <u>275</u>	0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	50	EA		
274 <u>276</u>	0635 2 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	15	EA		
275 <u>277</u>	0635 2 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	5	EA		
276 <u>278</u>	0635 3 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	5	EA		
277 <u>279</u>	0639 1 111	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY	3	AS		
278 <u>280</u>	0639 1 112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	1	AS		
279 <u>281</u>	0639 1 122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	5	AS		
280 <u>282</u>	0639 2 1	ELECTRICAL SERVICE WIRE F&I	2000	LF		
281 <u>283</u>	0639 3 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	5	EA		
282 <u>284</u>	0639 4 3	EMERGENCY GENERATOR - PORTABLE INSTALL- RETROFIT, AGENCY FURNISHED	1	EA		
283 <u>285</u>	0639 4 4	EMERGENCY GENERATOR - PORTABLE, INSTALL- NOT RETROFIT, AGENCY FURNISHED	1	EA		
284 <u>286</u>	0639 4 5	EMERGENCY GENERATOR - PORTABLE, MONITOR & REFUEL	5	HR		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 1

285 <u>287</u>	0641 2 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	5	EA		
286 <u>288</u>	0641 2 12	PRESTRESSED CONCRETE POLE, F&I, 12' TYPE P-II SERVICE POLE	5	EA		
287 <u>289</u>	0641 2 13	PRESTRESSED CONCRETE POLE, F&I, 40' TYPE P-III	2	EA		
288 <u>290</u>	0641 2 15	PRESTRESSED CONCRETE POLE, F&I, 44' TYPE P-V	2	EA		
289 <u>291</u>	0641 2 16	PRESTRESSED CONCRETE POLE, F&I, 48' TYPE P-VI	2	EA		
290 <u>292</u>	0641 2 17	PRESTRESSED CONCRETE POLE, F&I, 52' TYPE P-VII	2	EA		
291 <u>293</u>	0641 2 18	PRESTRESSED CONCRETE POLE, F&I, 56' TYPE P-VIII	2	EA		
292 <u>294</u>	0641 2 30	PRESTRESSED CONCRETE POLE, INSTALL	2	EA		
293 <u>295</u>	0641 2 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	5	EA		
294 <u>296</u>	0641 2 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	2	EA		
295 <u>297</u>	0641 2 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	2	EA		
296 <u>298</u>	0643 1 40	STRAIN POLE, WOOD, FURNISH & INSTALL, 40'	2	EA		
297 <u>299</u>	0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	20	EA		
298 <u>300</u>	0646 1 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	4	EA		
299 <u>301</u>	0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	2	EA		
300 <u>302</u>	0649 21 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	1	EA		
301 <u>303</u>	0649 21 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	1	EA		
302 <u>304</u>	0649 21 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	1	EA		
303 <u>305</u>	0649 21 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	1	EA		
304 <u>306</u>	0649 21 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	1	EA		
305 <u>307</u>	0649 21 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	1	EA		
306 <u>308</u>	0649 21 7	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-30'	1	EA		
307 <u>309</u>	0649 21 9	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-50'	1	EA		
308 <u>310</u>	0649 21 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	1	EA		
309 <u>311</u>	0649 21 14	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-60'	1	EA		
310 <u>312</u>	0649 21 19	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-60'	1	EA		
311 <u>313</u>	0649 21 20	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-70'	1	EA		
312 <u>314</u>	0649 21 24	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-50'	1	EA		
313 <u>315</u>	0649 26 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	1	EA		
314 <u>316</u>	0649 26 7	STEEL MAST ARM ASSEMBLY, REMOVE, REMOVE ARM AND ATTACHMENTS; POLE REMAINS	1	EA		
315 <u>317</u>	0649 21 17	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-40'	1	EA		
316 <u>318</u>	0649 21 25	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-60'	1	EA		
317 <u>319</u>	0649 21 23	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-40'	1	EA		
318 <u>320</u>	0649 40	STEEL MAST ARM ASSEMBLY- RECOATING COMPLETE ASSEMBLY	4	EA		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 1

<u>319</u> <u>321</u>	0650 111	TRAFFIC SIGNAL, F&I, 1 SECTION, 1 WAY, ALUMINUM	4	AS		
<u>320</u> <u>322</u>	0650 112	TRAFFIC SIGNAL, F&I, 1 SECTION, 2 WAY, ALUMINUM	2	AS		
<u>321</u> <u>323</u>	0650 114	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, ALUMINUM	50	AS		
<u>322</u> <u>324</u>	0650 115	TRAFFIC SIGNAL, F&I, 3 SECTION, 2 WAY, ALUMINUM	4	AS		
<u>323</u> <u>325</u>	0650 115A	TRAFFIC SIGNAL, F&I, 3 SECTION, 3 WAY, ALUMINUM	2	AS		
<u>324</u> <u>326</u>	0650 116	TRAFFIC SIGNAL, F&I, 4 SECTION, 1 WAY, ALUMINUM	10	AS		
<u>325</u> <u>327</u>	0650 119	TRAFFIC SIGNAL, F&I, 5 SECTION, 1 WAY, ALUMINUM	4	AS		
<u>326</u> <u>328</u>	0650 150	TRAFFIC SIGNAL HEAD, INSTALL	5	AS		
<u>327</u> <u>329</u>	0650 160	TRAFFIC SIGNAL HEAD, REMOVE- POLES TO REMAIN	10	AS		
<u>328</u> <u>330</u>	0650 170	TRAFFIC SIGNAL HEAD, RELOCATE	4	AS		
<u>329</u> <u>331</u>	0650 180	FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	20	EA		
<u>330</u> <u>332</u>	0650 190	FURNISH & INSTALL, TUNNEL VISOR	10	EA		
<u>331</u> <u>333</u>	0653 1 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	50	AS		
<u>332</u> <u>334</u>	0653 1 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	10	AS		
<u>333</u> <u>335</u>	0653 1 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	2	AS		
<u>334</u> <u>336</u>	0654 2 21	RRFB, FURNISH & INSTALL- SOLAR POWERED, COMPLETE ASSEMBLY- SINGLE DIRECTION	8	AS		
<u>335</u> <u>337</u>	0654 2 30	RECTANGULAR RAPID FLASHING BEACON, INSTALL	4	AS		
<u>336</u> <u>338</u>	0654 2 50	RECTANGULAR RAPID FLASHING BEACON, ADJUST/MODIFY	2	AS		
<u>337</u> <u>339</u>	0654 2 60	RECTANGULAR RAPID FLASHING BEACON, REMOVE	4	AS		
<u>338</u> <u>340</u>	0660 1 102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20	EA		
<u>339</u> <u>341</u>	0660 1 109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	20	EA		
<u>340</u> <u>342</u>	0660 1 110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	10	EA		
<u>341</u> <u>343</u>	0660 1 112	LOOP DETECTOR INDUCTIVE, F&I, TYPE 12	5	EA		
<u>342</u> <u>344</u>	0660 2 102	LOOP ASSEMBLY, F&I, TYPE B, 6' X 6'	50	AS		
<u>343</u> <u>345</u>	0660 2 106	LOOP ASSEMBLY, F&I, TYPE F, 6' X 40'	50	AS		
<u>344</u> <u>346</u>	0660 2 109	LOOP LEAD-IN CABLE, FURNISH AND INSTALL, AWG #14	2000	LF		
<u>345</u> <u>347</u>	0660 3 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT, 1 DIRECTION	5	EA		
<u>346</u> <u>348</u>	0660 3 12A	VEHICLE DETECTION SYSTEM- MICROWAVE, F&I, ABOVE GROUND EQUIP; PRESENCE DETECTION 2 DIRECTIONS	1	EA		
<u>347</u> <u>349</u>	0660 3 12B	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT, 2 DIRECTIONS	1	EA		
<u>348</u> <u>350</u>	0660 4 10	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, 4 DIRECTIONS	5	EA		
<u>349</u> <u>351</u>	0660 4 10A	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, 4 DIRECTIONS; SPAN WIRE MOUNTING	5	EA		
<u>350</u> <u>352</u>	0660 4 10B	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, WITH RADAR ADVANCE; 4 DIRECTIONS	2	EA		
<u>351</u> <u>353</u>	0660 4 10C	VEHICLE DETECTION SYSTEM- VIDEO, INSTALL, COMPLETE SYSTEM, 4 DIRECTIONS	2	EA		
<u>352</u> <u>354</u>	0660 4 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT, UP TO 4 DIRECTIONS	5	EA		

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Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 1

353 <u>355</u>	0660 4 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT, 1 DIRECTION	10	EA		
354 <u>356</u>	0660 4 12A	VEHICLE DETECTION SYSTEM- VIDEO, INSTALL ABOVE GROUND EQUIPMENT, 1 DIRECTION	10	EA		
355 <u>357</u>	0660 4 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	2	EA		
356 <u>358</u>	0660 5 11	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, F & I, CABINET EQUIPMENT	2	EA		
357 <u>359</u>	0660 5 12	VEHICLE DETECTION SYS.- WIRELESS MAGNETOMETER, F & I, ABOVE GROUND EQUIPMENT, 1 DIRECTION	4	EA		
358 <u>360</u>	0660 5 13	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, IN-ROAD SENSOR,	20	EA		
359 <u>361</u>	0660 6 121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	2	EA		
360 <u>362</u>	0660 6 122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	2	EA		
361 <u>363</u>	0663 1 110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM, UP TO 4 DIRECTIONS	2	EA		
362 <u>364</u>	0663 1 110A	SIGNAL PRIORITY AND PREEMPTION SYSTEM, INSTALL ONLY, OPTICAL, COMPLETE SYSTEM, UP TO 4 DIRECTIONS	6	EA		
363 <u>365</u>	0663 1 112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	2	EA		
364 <u>366</u>	0663 1 122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	2	EA		
365 <u>367</u>	0663 1 400	SIGNAL PRIORITY & PREEMPTION SYSTEM, RELOCATE	2	EA		
366 <u>368</u>	0663 1 600	SIGNAL PRIORITY & PREEMPTION SYSTEM, REMOVE	2	EA		
367 <u>369</u>	0665 1 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	30	EA		
368 <u>370</u>	0665 1 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	20	EA		
369 <u>371</u>	0665 1 30	PEDESTRIAN DETECTOR, INSTALL	5	EA		
370 <u>372</u>	0665 1 40	PEDESTRIAN DETECTOR, RELOCATE	2	EA		
371 <u>373</u>	0665 1 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	2	EA		
372 <u>374</u>	0665 2	PEDESTRIAN DETECTOR, FURNISH & INSTALL, THERMAL PASSIVE DETECTORS	4	EA		
373 <u>375</u>	0670 4 1	INTERSECTION CONTROL BEACON CONTROLLER ASSEMBLY, FURNISH & INSTALL	2	AS		
374 <u>376</u>	0670 5 112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION, SIZE 6 CABINET	2	AS		
375 <u>377</u>	0670 5 300	TRAFFIC CONTROLLER ASSEMBLY, INSTALL	2	AS		
376 <u>378</u>	0670 5 400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	2	AS		
377 <u>379</u>	0670 5 500	TRAFFIC CONTROLLER ASSEMBLY, RELOCATE CONTROLLER WITH CABINET	2	AS		
378 <u>380</u>	0670 5 600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	2	AS		
379 <u>381</u>	0676 1 111	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 1	2	EA		
380 <u>382</u>	0676 1 115	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 5	2	EA		
381 <u>383</u>	0676 1 116	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 6	2	EA		
382 <u>384</u>	0676 2 112	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336S, 24" W X 46" H X 22" D	4	EA		
383 <u>385</u>	0676 2 142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	2	EA		
384 <u>386</u>	0676 2 400	ITS CABINET, RELOCATE	2	EA		
385 <u>387</u>	0676 2 500	ITS CABINET- ADJUST/MODIFY	2	EA		
386 <u>388</u>	0676 2 600	ITS CABINET- REMOVE	2	EA		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
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OPTION YEAR 1

387 <u>389</u>	0680 1 112	ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, CABINET EQUIPMENT	2	EA		
388 <u>390</u>	0680 1 113	ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, ABOVE GROUND EQUIPMENT	3	EA		
389 <u>391</u>	0682 1 133	CCTV CAMERA, F&I, DOME ENCLOSURE - NON PRESSURIZED, IP, HIGH DEFINITION	5	EA		
390 <u>392</u>	0682 1 300	CCTV CAMERA, INSTALL	2	EA		
391 <u>393</u>	0682 1 600	CCTV CAMERA, REMOVE	2	EA		
392 <u>394</u>	0682 1 900	CCTV CAMERA, DIAGNOSTIC AND MISCELLANEOUS REPAIR	2	EA		
393 <u>395</u>	0684 1 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	2	EA		
394 <u>396</u>	0684 6 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	2	EA		
395 <u>397</u>	0684 6 11A	WIRELESS COMMUNICATION DEVICE, INSTALL ETHERNET ACCESS POINT	2	EA		
396 <u>398</u>	0684 6 12	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET SUBSCRIBER UNIT	2	EA		
397 <u>399</u>	0684 6 12A	WIRELESS COMMUNICATION DEVICE, INSTALL ETHERNET SUBSCRIBER UNIT	2	EA		
398 <u>400</u>	0685 1 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	2	EA		
399 <u>401</u>	0685 1 13A	UNINTERRUPTIBLE POWER SUPPLY, INSTALL, LINE INTERACTIVE WITH CABINET	2	EA		
400 <u>402</u>	0690 100	SIGNAL EQUIPMENT MISCELLANEOUS REMOVE	10	PI		
401 <u>403</u>	0700 2 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	2	AS		
402 <u>404</u>	0700 2 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	2	AS		
403 <u>405</u>	0700 2 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	2	AS		
404 <u>406</u>	0700 2 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	2	AS		
405 <u>407</u>	0700 2 60	MULTI- POST SIGN, GROUND MOUNT, REMOVE	2	AS		
406 <u>408</u>	0700 2 80	MULTI- POST SIGN, GROUND MOUNT, REPAIR	2	AS		
407 <u>409</u>	0700 5 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, UP TO 12 SF	10	EA		
408 <u>410</u>	0700 5 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, 12-18 SF	10	EA		
409 <u>411</u>	0700 5 40	INTERNALLY ILLUMINATED SIGN, INSTALL- FURNISHED BY AGENCY	2	EA		
410 <u>412</u>	0700 5 60	INTERNALLY ILLUMINATED SIGN, REMOVE	2	EA		
411 <u>413</u>	0700 11 162A	ELECTRONIC DISPLAY SIGN A, F & I, GROUND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
412 <u>414</u>	0700 11 162B	ELECTRONIC DISPLAY SIGN B, F & I, GROUND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
413 <u>415</u>	0700 11 231C	ELECTRONIC DISPLAY SIGN C, F & I, GRND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
414 <u>416</u>	0700 11 232D	ELECTRONIC DISPLAY SIGN D, F & I, GRND MOUNT- SOLAR POWERED, 18" ESFS	10	AS		
415 <u>417</u>	0700 11 262E	ELECTRONIC DISPLAY SIGN E, F & I, GROUND MOUNT, SOLAR POWERED, 15" ESFS W/FLASHING BEACON	10	AS		
416 <u>418</u>	0700 11 262F	ELECTRONIC DISPLAY SIGN F, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	4	AS		
417 <u>419</u>	0700 11 262G	ELECTRONIC DISPLAY SIGN G, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	4	AS		
418 <u>420</u>	0700 11 263H	ELECTRONIC DISPLAY SIGN H, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	2	AS		
419 <u>421</u>	0700 11 391	ELECTRONIC DISPLAY SIGN, OVERHEAD MOUNT, AC POWERED, BLANKOUT SIGN, UP TO 12 SF	2	AS		
420 <u>422</u>	0700 11 431	ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, UP TO 12 SF	2	AS		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
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 OPTION YEAR 1

424 <u>423</u>	0700 11 432	ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, 12-20 SF	2	AS		
422 <u>424</u>	0700 11 433	ELECTRONIC DISPLAY SIGN, INSTALL GROUND MOUNT- SPEED FEEDBACK SIGN, 21-30 SF	2	AS		
423 <u>425</u>	0700 11 441	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, UP TO 12 SF	2	AS		
424 <u>426</u>	0700 11 442	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 12-20 SF	2	AS		
425 <u>427</u>	0700 11 443	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 21-30 SF	2	AS		
426 <u>428</u>	0700 11 600	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	2	AS		
427 <u>429</u>	0700 11 700	ELECTRONIC DISPLAY SIGN, REMOVE- OVERHEAD MOUNT	2	AS		
428 <u>430</u>	0700 12 11A	SCHOOL SPEED LIMIT SIGN W/BEACON, F&I COMPLETE ASSEMBLY, GROUND MOUNT, AC POWERED	2	AS		
429 <u>431</u>	0700 12 21A	SCHOOL SPEED LIMIT SIGN W/BEACON, F&I COMPLETE ASSEMBLY, GROUND MOUNT- SOLAR POWERED	20	AS		
430 <u>432</u>	0700 12 31A	OVERHEAD SCHOOL SPEED LIMIT SIGN F&I W/ 1 BEACON, SOLAR POWERED, OVERHEAD SUPPORT NOT INCLUDED	4	AS		
431 <u>433</u>	0999 101	UNSKILLED LABORER	200	MH		
432 <u>434</u>	0999 102	NIGHT WORK PREMIUM, PER NIGHT	4	PN		
433 <u>435</u>	0999 103	EMERGENCY WORK PREMIUM, PER EVENT	4	PE		
434 <u>436</u>	<u>0455 1</u>	<u>DRILLED SHAFT FOUNDATION: CONC. FOUNDATION, 48" DIA.</u>	<u>20</u>	<u>LF</u>		
435 <u>437</u>	<u>0455 2</u>	<u>DRILLED SHAFT FOUNDATION: CONC. FOUNDATION, 60" DIA.</u>	<u>20</u>	<u>LF</u>		

TOTAL ESTIMATED BASE BID FOR OPTION YEAR ONE:

\$ _____
 Reference Numbers 220 through 437

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 2

Reference Number	Pay Item Number	Pay Item Description	Estimated Quantity	Unit of Measure	Unit Price	Total Extended Price
434 438	0102 2	COMPLEX MAINTENANCE OF TRAFFIC	4	LS		
435 439	0102 14	TRAFFIC CONTROL OFFICER	100	MH		
436 440	0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	50	ED		
437 441	0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	50	SY		
438 442	0455 88 48A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 48" DIA.	20	LF		
439 443	0455 88 54A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 54" DIA.	25	LF		
440 444	0455 88 60A	SPECIAL DESIGN DRILLED SHAFT FOUNDATION, 60" DIA.	10	LF		
441 445	0520 1 7	CONCRETE CURB & GUTTER, TYPE E	50	LF		
442 446	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	125	LF		
443 447	0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	100	SY		
444 448	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	50	SY		
445 449	0527 2	DETECTABLE WARNINGS	100	SF		
446 450	0563 3	ANTI-GRAFFITI COATING, SACRIFICIAL	100	SF		
447 451	0563 4	ANTI-GRAFFITI COATING, NON-SACRIFICIAL	500	SF		
448 452	0570 1 2A	PERFORMANCE TURF, SOD, ARGENTINE BAHIA	200	SY		
449 453	0570 1 2B	PERFORMANCE TURF, SOD, SAINT AUGUSTINE	50	SY		
450 454	0580 336	PRUNING AND TRIMMING TREES	5	EA		
451 455	0620 1 1	GROUNDING ELECTRODE	100	LF		
452 456	0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	5000	LF		
453 457	0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	2000	LF		
454 458	0630 2 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	150	LF		
455 459	0630 2 65	CONDUIT, REMOVE, BRIDGE MOUNT	100	LF		
456 460	0632 7 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	6	PI		
457 461	0632 7 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	1000	LF		
458 462	0632 7 6	SIGNAL CABLE, REMOVE- INTERSECTION	3	PI		
459 463	0632 7 7	SIGNAL CABLE, REMOVE- OUTSIDE OF INTERSECTION	500	LF		
460 464	0633 1 111	FIBER OPTIC CABLE, F&I, OVERHEAD,2-12 FIBERS	500	LF		
461 465	0633 1 112	FIBER OPTIC CABLE, F&I, OVERHEAD,13-48 FIBERS	1000	LF		
462 466	0633 1 113	FIBER OPTIC CABLE, F&I, OVERHEAD,49-96 FIBERS	5000	LF		
463 467	0633 1 121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	500	LF		
464 468	0633 1 122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	500	LF		
465 469	0633 1 123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	2000	LF		
466 470	0633 1 410	FIBER OPTIC CABLE, RELOCATE, OVERHEAD	100	LF		

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 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 2

467	<u>471</u>	0633 1 420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	100	LF		
468	<u>472</u>	0633 1 610	FIBER OPTIC CABLE, REMOVE, OVERHEAD	100	LF		
469	<u>473</u>	0633 1 620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	100	LF		
470	<u>474</u>	0633 2 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	500	EA		
471	<u>475</u>	0633 2 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	200	EA		
472	<u>476</u>	0633 3 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	10	EA		
473	<u>477</u>	0633 3 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	20	EA		
474	<u>478</u>	0633 3 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	5	EA		
475	<u>479</u>	0633 3 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	5	EA		
476	<u>480</u>	0633 3 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	5	EA		
477	<u>481</u>	0633 3 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL-FIELD TERMINATED	5	EA		
478	<u>482</u>	0633 3 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	5	EA		
479	<u>483</u>	0633 3 31	FIBER OPTIC CONNECTION HARDWARE, INSTALL, SPLICE ENCLOSURE	3	EA		
480	<u>484</u>	0633 3 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	3	EA		
481	<u>485</u>	0633 3 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE TRAY	3	EA		
482	<u>486</u>	0633 3 56	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL	3	EA		
483	<u>487</u>	0633 8 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	1000	LF		
484	<u>488</u>	0634 4 152	SPAN WIRE ASSEMBLY, F&I, TWO POINT, DIAGONAL	1	PI		
485	<u>489</u>	0634 4 153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX	1	PI		
486	<u>490</u>	0634 4 400	SPAN WIRE ASSEMBLY, ADJUST	1	PI		
487	<u>491</u>	0634 5 1	FIBERGLASS INSULATOR, FURNISH & INSTALL	10	LF		
488	<u>492</u>	0634 6 1	MESSENGER WIRE, F&I	1500	LF		
489	<u>493</u>	0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	50	EA		
490	<u>494</u>	0635 2 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	15	EA		
491	<u>495</u>	0635 2 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	5	EA		
492	<u>496</u>	0635 3 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	5	EA		
493	<u>497</u>	0639 1 111	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY	3	AS		
494	<u>498</u>	0639 1 112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	1	AS		
495	<u>499</u>	0639 1 122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	5	AS		
496	<u>500</u>	0639 2 1	ELECTRICAL SERVICE WIRE F&I	2000	LF		
497	<u>501</u>	0639 3 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	5	EA		
498	<u>502</u>	0639 4 3	EMERGENCY GENERATOR - PORTABLE INSTALL- RETROFIT, AGENCY FURNISHED	1	EA		
499	<u>503</u>	0639 4 4	EMERGENCY GENERATOR - PORTABLE, INSTALL- NOT RETROFIT, AGENCY FURNISHED	1	EA		
500	<u>504</u>	0639 4 5	EMERGENCY GENERATOR - PORTABLE, MONITOR & REFUEL	5	HR		

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 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 2

504	<u>505</u>	0641 2 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	5	EA		
502	<u>506</u>	0641 2 12	PRESTRESSED CONCRETE POLE, F&I, 12' TYPE P-II SERVICE POLE	5	EA		
503	<u>507</u>	0641 2 13	PRESTRESSED CONCRETE POLE, F&I, 40' TYPE P-III	2	EA		
504	<u>508</u>	0641 2 15	PRESTRESSED CONCRETE POLE, F&I, 44' TYPE P-V	2	EA		
505	<u>509</u>	0641 2 16	PRESTRESSED CONCRETE POLE, F&I, 48' TYPE P-VI	2	EA		
506	<u>510</u>	0641 2 17	PRESTRESSED CONCRETE POLE, F&I, 52' TYPE P-VII	2	EA		
507	<u>511</u>	0641 2 18	PRESTRESSED CONCRETE POLE, F&I, 56' TYPE P-VIII	2	EA		
508	<u>512</u>	0641 2 30	PRESTRESSED CONCRETE POLE, INSTALL	2	EA		
509	<u>513</u>	0641 2 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	5	EA		
510	<u>514</u>	0641 2 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	2	EA		
511	<u>515</u>	0641 2 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	2	EA		
512	<u>516</u>	0643 1 40	STRAIN POLE, WOOD, FURNISH & INSTALL, 40'	2	EA		
513	<u>517</u>	0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	20	EA		
514	<u>518</u>	0646 1 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	4	EA		
515	<u>519</u>	0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	2	EA		
516	<u>520</u>	0649 21 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	1	EA		
517	<u>521</u>	0649 21 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	1	EA		
518	<u>522</u>	0649 21 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	1	EA		
519	<u>523</u>	0649 21 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	1	EA		
520	<u>524</u>	0649 21 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	1	EA		
521	<u>525</u>	0649 21 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	1	EA		
522	<u>526</u>	0649 21 7	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-30'	1	EA		
523	<u>527</u>	0649 21 9	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 50'-50'	1	EA		
524	<u>528</u>	0649 21 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	1	EA		
525	<u>529</u>	0649 21 14	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-60'	1	EA		
526	<u>530</u>	0649 21 19	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-60'	1	EA		
527	<u>531</u>	0649 21 20	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-70'	1	EA		
528	<u>532</u>	0649 21 24	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-50'	1	EA		
529	<u>533</u>	0649 26 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	1	EA		
530	<u>534</u>	0649 26 7	STEEL MAST ARM ASSEMBLY, REMOVE, REMOVE ARM AND ATTACHMENTS; POLE REMAINS	1	EA		
531	<u>535</u>	0649 21 17	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-40'	1	EA		
532	<u>536</u>	0649 21 25	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-60'	1	EA		
533	<u>537</u>	0649 21 23	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-40'	1	EA		
534	<u>538</u>	0649 40	STEEL MAST ARM ASSEMBLY- RECOATING COMPLETE ASSEMBLY	4	EA		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 2

535	<u>539</u>	0650 111	TRAFFIC SIGNAL, F&I, 1 SECTION, 1 WAY, ALUMINUM	4	AS		
536	<u>540</u>	0650 112	TRAFFIC SIGNAL, F&I, 1 SECTION, 2 WAY, ALUMINUM	2	AS		
537	<u>541</u>	0650 114	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, ALUMINUM	50	AS		
538	<u>542</u>	0650 115	TRAFFIC SIGNAL, F&I, 3 SECTION, 2 WAY, ALUMINUM	4	AS		
539	<u>543</u>	0650 115A	TRAFFIC SIGNAL, F&I, 3 SECTION, 3 WAY, ALUMINUM	2	AS		
540	<u>544</u>	0650 116	TRAFFIC SIGNAL, F&I, 4 SECTION, 1 WAY, ALUMINUM	10	AS		
541	<u>545</u>	0650 119	TRAFFIC SIGNAL, F&I, 5 SECTION, 1 WAY, ALUMINUM	4	AS		
542	<u>546</u>	0650 150	TRAFFIC SIGNAL HEAD, INSTALL	5	AS		
543	<u>547</u>	0650 160	TRAFFIC SIGNAL HEAD, REMOVE- POLES TO REMAIN	10	AS		
544	<u>548</u>	0650 170	TRAFFIC SIGNAL HEAD, RELOCATE	4	AS		
545	<u>549</u>	0650 180	FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	20	EA		
546	<u>550</u>	0650 190	FURNISH & INSTALL, TUNNEL VISOR	10	EA		
547	<u>551</u>	0653 1 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	50	AS		
548	<u>552</u>	0653 1 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	10	AS		
549	<u>553</u>	0653 1 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	2	AS		
550	<u>554</u>	0654 2 21	RRFB, FURNISH & INSTALL- SOLAR POWERED, COMPLETE ASSEMBLY- SINGLE DIRECTION	8	AS		
551	<u>555</u>	0654 2 30	RECTANGULAR RAPID FLASHING BEACON, INSTALL	4	AS		
552	<u>556</u>	0654 2 50	RECTANGULAR RAPID FLASHING BEACON, ADJUST/MODIFY	2	AS		
553	<u>557</u>	0654 2 60	RECTANGULAR RAPID FLASHING BEACON, REMOVE	4	AS		
554	<u>558</u>	0660 1 102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20	EA		
555	<u>559</u>	0660 1 109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	20	EA		
556	<u>560</u>	0660 1 110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	10	EA		
557	<u>561</u>	0660 1 112	LOOP DETECTOR INDUCTIVE, F&I, TYPE 12	5	EA		
558	<u>562</u>	0660 2 102	LOOP ASSEMBLY, F&I, TYPE B, 6' X 6'	50	AS		
559	<u>563</u>	0660 2 106	LOOP ASSEMBLY, F&I, TYPE F, 6' X 40'	50	AS		
560	<u>564</u>	0660 2 109	LOOP LEAD-IN CABLE, FURNISH AND INSTALL, AWG #14	2000	LF		
561	<u>565</u>	0660 3 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT, 1 DIRECTION	5	EA		
562	<u>566</u>	0660 3 12A	VEHICLE DETECTION SYSTEM- MICROWAVE, F&I, ABOVE GROUND EQUIP; PRESENCE DETECTION 2 DIRECTIONS	1	EA		
563	<u>567</u>	0660 3 12B	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT, 2 DIRECTIONS	1	EA		
564	<u>568</u>	0660 4 10	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, 4 DIRECTIONS	5	EA		
565	<u>569</u>	0660 4 10A	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, 4 DIRECTIONS; SPAN WIRE MOUNTING	5	EA		
566	<u>570</u>	0660 4 10B	VEHICLE DETECTION SYSTEM- VIDEO, F&I, COMPLETE SYSTEM, WITH RADAR ADVANCE; 4 DIRECTIONS	2	EA		
567	<u>571</u>	0660 4 10C	VEHICLE DETECTION SYSTEM- VIDEO, INSTALL, COMPLETE SYSTEM, 4 DIRECTIONS	2	EA		
568	<u>572</u>	0660 4 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT, UP TO 4 DIRECTIONS	5	EA		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 2

569	<u>573</u>	0660 4 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT, 1 DIRECTION	10	EA		
570	<u>574</u>	0660 4 12A	VEHICLE DETECTION SYSTEM- VIDEO, INSTALL ABOVE GROUND EQUIPMENT, 1 DIRECTION	10	EA		
571	<u>575</u>	0660 4 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	2	EA		
572	<u>576</u>	0660 5 11	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, F & I, CABINET EQUIPMENT	2	EA		
573	<u>577</u>	0660 5 12	VEHICLE DETECTION SYS. - WIRELESS MAGNETOMETER, F & I, ABOVE GROUND EQUIPMENT, 1 DIRECTION	4	EA		
574	<u>578</u>	0660 5 13	VEHICLE DETECTION SYSTEM- WIRELESS MAGNETOMETER, FURNISH & INSTALL, IN-ROAD SENSOR,	20	EA		
575	<u>579</u>	0660 6 121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	2	EA		
576	<u>580</u>	0660 6 122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	2	EA		
577	<u>581</u>	0663 1 110	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, COMPLETE SYSTEM, UP TO 4 DIRECTIONS	2	EA		
578	<u>582</u>	0663 1 110A	SIGNAL PRIORITY AND PREEMPTION SYSTEM, INSTALL ONLY, OPTICAL, COMPLETE SYSTEM, UP TO 4 DIRECTIONS	6	EA		
579	<u>583</u>	0663 1 112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	2	EA		
580	<u>584</u>	0663 1 122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	2	EA		
581	<u>585</u>	0663 1 400	SIGNAL PRIORITY & PREEMPTION SYSTEM, RELOCATE	2	EA		
582	<u>586</u>	0663 1 600	SIGNAL PRIORITY & PREEMPTION SYSTEM, REMOVE	2	EA		
583	<u>587</u>	0665 1 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	30	EA		
584	<u>588</u>	0665 1 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	20	EA		
585	<u>589</u>	0665 1 30	PEDESTRIAN DETECTOR, INSTALL	5	EA		
586	<u>590</u>	0665 1 40	PEDESTRIAN DETECTOR, RELOCATE	2	EA		
587	<u>591</u>	0665 1 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	2	EA		
588	<u>592</u>	0665 2	PEDESTRIAN DETECTOR, FURNISH & INSTALL, THERMAL PASSIVE DETECTORS	4	EA		
589	<u>593</u>	0670 4 1	INTERSECTION CONTROL BEACON CONTROLLER ASSEMBLY, FURNISH & INSTALL	2	AS		
590	<u>594</u>	0670 5 112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION, SIZE 6 CABINET	2	AS		
591	<u>595</u>	0670 5 300	TRAFFIC CONTROLLER ASSEMBLY, INSTALL	2	AS		
592	<u>596</u>	0670 5 400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	2	AS		
593	<u>597</u>	0670 5 500	TRAFFIC CONTROLLER ASSEMBLY, RELOCATE CONTROLLER WITH CABINET	2	AS		
594	<u>598</u>	0670 5 600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	2	AS		
595	<u>599</u>	0676 1 111	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 1	2	EA		
596	<u>600</u>	0676 1 115	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 5	2	EA		
597	<u>601</u>	0676 1 116	CABINET WITHOUT CONTROLLER F&I (WIRED) TYPE 6	2	EA		
598	<u>602</u>	0676 2 112	ITS CABINET, FURNISH & INSTALL, POLE MOUNT, 336S, 24" W X 46" H X 22" D	4	EA		
599	<u>603</u>	0676 2 142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	2	EA		
600	<u>604</u>	0676 2 400	ITS CABINET, RELOCATE	2	EA		
601	<u>605</u>	0676 2 500	ITS CABINET- ADJUST/MODIFY	2	EA		
602	<u>606</u>	0676 2 600	ITS CABINET- REMOVE	2	EA		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
OPTION YEAR 2

603	607	0680 1 112	ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, CABINET EQUIPMENT	2	EA		
604	608	0680 1 113	ADAPTIVE SIGNAL CONTROL SYSTEM- NEMA, ABOVE GROUND EQUIPMENT	3	EA		
605	609	0682 1 133	CCTV CAMERA, F&I, DOME ENCLOSURE - NON PRESSURIZED, IP, HIGH DEFINITION	5	EA		
606	610	0682 1 300	CCTV CAMERA, INSTALL	2	EA		
607	611	0682 1 600	CCTV CAMERA, REMOVE	2	EA		
608	612	0682 1 900	CCTV CAMERA, DIAGNOSTIC AND MISCELLANEOUS REPAIR	2	EA		
609	613	0684 1 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	2	EA		
640	614	0684 6 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	2	EA		
644	615	0684 6 11A	WIRELESS COMMUNICATION DEVICE, INSTALL ETHERNET ACCESS POINT	2	EA		
642	616	0684 6 12	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET SUBSCRIBER UNIT	2	EA		
643	617	0684 6 12A	WIRELESS COMMUNICATION DEVICE, INSTALL ETHERNET SUBSCRIBER UNIT	2	EA		
644	618	0685 1 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	2	EA		
645	619	0685 1 13A	UNINTERRUPTIBLE POWER SUPPLY, INSTALL, LINE INTERACTIVE WITH CABINET	2	EA		
646	620	0690 100	SIGNAL EQUIPMENT MISCELLANOUS REMOVE	10	PI		
647	621	0700 2 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	2	AS		
648	622	0700 2 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	2	AS		
649	623	0700 2 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	2	AS		
620	624	0700 2 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	2	AS		
624	625	0700 2 60	MULTI- POST SIGN, GROUND MOUNT, REMOVE	2	AS		
622	626	0700 2 80	MULTI- POST SIGN, GROUND MOUNT, REPAIR	2	AS		
623	627	0700 5 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, UP TO 12 SF	10	EA		
624	628	0700 5 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, 12-18 SF	10	EA		
625	629	0700 5 40	INTERNALLY ILLUMINATED SIGN, INSTALL- FURNISHED BY AGENCY	2	EA		
626	630	0700 5 60	INTERNALLY ILLUMINATED SIGN, REMOVE	2	EA		
627	631	0700 11 162A	ELECTRONIC DISPLAY SIGN A, F & I, GROUND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
628	632	0700 11 162B	ELECTRONIC DISPLAY SIGN B, F & I, GROUND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
629	633	0700 11 231C	ELECTRONIC DISPLAY SIGN C, F & I, GRND MOUNT- SOLAR POWERED, 15" ESFS	10	AS		
630	634	0700 11 232D	ELECTRONIC DISPLAY SIGN D, F & I, GRND MOUNT- SOLAR POWERED, 18" ESFS	10	AS		
634	635	0700 11 262E	ELECTRONIC DISPLAY SIGN E, F & I, GROUND MOUNT, SOLAR POWERED, 15" ESFS W/FLASHING BEACON	10	AS		
632	636	0700 11 262F	ELECTRONIC DISPLAY SIGN F, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	4	AS		
633	637	0700 11 262G	ELECTRONIC DISPLAY SIGN G, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	4	AS		
634	638	0700 11 263H	ELECTRONIC DISPLAY SIGN H, F & I, GROUND MOUNT, SOLAR POWERED, 18" ESFS W/FLASHING BEACON	2	AS		
635	639	0700 11 391	ELECTRONIC DISPLAY SIGN, OVERHEAD MOUNT, AC POWERED, BLANKOUT SIGN, UP TO 12 SF	2	AS		
636	640	0700 11 431	ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, UP TO 12 SF	2	AS		

Y19-1077-CH; REVISED SCHEDULE OF PRICES
 SUPPLY AND INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT
 OPTION YEAR 2

637 <u>641</u>	0700 11 432	ELECTRONIC DISPLAY SIGN, INSTALL- SPEED FEEDBACK SIGN, 12-20 SF	2	AS		
638 <u>642</u>	0700 11 433	ELECTRONIC DISPLAY SIGN, INSTALL GROUND MOUNT- SPEED FEEDBACK SIGN, 21-30 SF	2	AS		
639 <u>643</u>	0700 11 441	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, UP TO 12 SF	2	AS		
640 <u>644</u>	0700 11 442	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 12-20 SF	2	AS		
641 <u>645</u>	0700 11 443	ELECTRONIC DISPLAY SIGN, INSTALL- ELECT WARNING W/FLASHING BEACON, 21-30 SF	2	AS		
642 <u>646</u>	0700 11 600	ELECTRONIC DISPLAY SIGN, REMOVE- GROUND MOUNT	2	AS		
643 <u>647</u>	0700 11 700	ELECTRONIC DISPLAY SIGN, REMOVE- OVERHEAD MOUNT	2	AS		
644 <u>648</u>	0700 12 11A	SCHOOL SPEED LIMIT SIGN W/BEACON, F&I COMPLETE ASSEMBLY, GROUND MOUNT, AC POWERED	2	AS		
645 <u>649</u>	0700 12 21A	SCHOOL SPEED LIMIT SIGN W/BEACON, F&I COMPLETE ASSEMBLY, GROUND MOUNT- SOLAR POWERED	20	AS		
646 <u>650</u>	0700 12 31A	OVERHEAD SCHOOL SPEED LIMIT SIGN F&I W/ 1 BEACON, SOLAR POWERED, OVERHEAD SUPPORT NOT INCLUDED	4	AS		
647 <u>651</u>	0999 101	UNSKILLED LABORER	200	MH		
648 <u>652</u>	0999 102	NIGHT WORK PREMIUM, PER NIGHT	4	PN		
649 <u>653</u>	0999 103	EMERGENCY WORK PREMIUM, PER EVENT	4	PE		
<u>654</u>	<u>0455 1</u>	<u>DRILLED SHAFT FOUNDATION: CONC. FOUNDATION, 48" DIA.</u>	<u>20</u>	<u>LF</u>		
<u>655</u>	<u>0455 2</u>	<u>DRILLED SHAFT FOUNDATION: CONC. FOUNDATION, 60" DIA.</u>	<u>20</u>	<u>LF</u>		

TOTAL ESTIMATED BASE BID, BID FOR YEAR TWO =

\$ _____
 Reference Numbers 438 through 655

TOTAL ESTIMATED BASE BID (BASIC YEAR + OPTION YEAR1 +OPTION YEAR 2:

\$ _____
 Reference Numbers 1 through 655

PART H
TECHNICAL PROVISIONS

TP 455

DRILLED SHAFT FOUNDATION

This item shall be used to install Drill Shaft Foundations for Steel Mast Arm Assemblies per plan. Work shall include excavations required for the shafts, through whatever materials encountered, to the dimensions and elevations shown in the plans, using methods and equipment suitable for the intended purpose and the materials encountered.

~~This item~~ Special Design Foundations shall be used to pay for the increase in length of mast arm drilled shaft foundations that are over and above that of standard drilled shaft foundations. When a special design mast arm drilled shaft foundation is called for in the plans, the additional length and materials of the foundation shall be paid for by this item. It shall include all necessary items such as concrete, rebar, labor, equipment and incidentals to construct the additional length of the special design drilled shaft foundation.

Drill Shaft Foundations shall be paid by linear foot.

Special Design Drilled Shaft Foundations shall be measured by the length in feet of foundation over and above a standard drilled shaft foundation. **When special design drilled shaft foundations are required, the additional length and materials required to construct the foundations, over and above the standard foundations, shall be paid by items 455-88-48A, 455-88-54A, and 455-88-60A.**

Basis of Payment

Item 455-1; Drilled Shaft Foundation; Concrete Foundation; 48" dia.; per linear foot
Item 455-2; Drilled Shaft Foundation; Concrete Foundation; 60" dia.; per linear foot
Item 455-88-48A; Special Design Drilled Shaft Foundation, 48" dia.; per linear foot
Item 455-88-54A; Special Design Drilled Shaft Foundation, 54" dia.; per linear foot
Item 455-88-60A; Special Design Drilled Shaft Foundation, 60" dia.; per linear foot

PART H
TECHNICAL PROVISIONS

TP 649

STEEL STRAIN POLES AND STEEL MAST ARMS/POLES

Steel strain poles and mast arms/poles shall be designed and installed according to the Florida Department of Transportation's Design Standards, specifications and the plans.

Steel strain poles and mast arms/poles shall have a standard galvanized finish, except where the plans call for powder coating over the galvanized finish. If a powder coating is required, it shall be a triglycidyl isocyanurate or urethane polyester powder, equivalent in color to Federal Standard FS 27038 (semi-gloss black). The coating shall be electrostatically applied and cured by heating, and shall be applied as part of the manufacturing process.

Pay Items for furnishing and installing steel strain poles and mast arms/poles shall include all hardware, ~~anchor bolts and foundations~~ necessary for a complete installation.

~~When special design drilled shaft foundations are required, the additional length and materials required to construct the foundations, over and above the standard foundations, shall be paid by items 455-88-48A, 455-88-54A, and 455-88-60A.~~

Steel strain poles and mast arms/poles will be measured by each and will be paid for at the contract unit price, which shall be full compensation for all work specified in the FDOT Design Standards, specifications and plans.

Basis of Payment*

Item 649-21-1; Steel Mast Arm Assembly, Furnish And Install, Single Arm 30'; Each
Item 649-21-3; Steel Mast Arm Assembly, Furnish And Install, Single Arm 40'; Each
Item 649-21- 6; Steel Mast Arm Assembly, Furnish And Install, Single Arm 50'; Each
Item 649-21-10; Steel Mast Arm Assembly, Furnish And Install, Single Arm 60'; Each
Item 649-21-15; Steel Mast Arm Assembly, Furnish And Install, Single Arm 70'; Each
Item 649-21-21; Steel Mast Arm Assembly, Furnish And Install, Single Arm 78'; Each
Item 649-21-7; Steel Mast Arm Assembly, Furnish And Install, Double Arm 50'-30'; Each
Item 649-21- 9; Steel Mast Arm Assembly, Furnish And Install, Double Arm 50'-50'; Each
Item 649-21-12; Steel Mast Arm Assembly, Furnish And Install, Double Arm 60'-40'; Each
Item 649-21-14; Steel Mast Arm Assembly, Furnish And Install, Double Arm 60'-60'; Each
Item 649-21-19; Steel Mast Arm Assembly, Furnish And Install, Double Arm 70'-60'; Each
Item 649-21-20; Steel Mast Arm Assembly, Furnish And Install, Double Arm 70'-70'; Each
Item 649-21-24; Steel Mast Arm Assembly, Furnish And Install, Double Arm 78'-50'; Each
Item 649-26-3; Steel Mast Arm Assembly, Remove, Shallow Foundation- Bolt On Attachment;
Each

PART H
TECHNICAL PROVISIONS

TP 649

Item 649-26-7; Steel Mast Arm Assembly, Remove, Remove Arm And Attachments;
Pole Remains; Each

Item 649-21-17; Steel Mast Arm Assembly, Furnish And Install, Double Arm 70'-40'; Each

Item 649-21-25; Steel Mast Arm Assembly, Furnish And Install, Double Arm 78'-60'; Each

Item 649-21-23; Steel Mast Arm Assembly, Furnish And Install, Double Arm 78'-40'

Item 649-40; Steel Mast Arm Assembly- Recoating Complete Assembly; Each

***Steel Mast Arm Assembly Does Not Include Foundation – Foundations will be paid
under Item 455-1.**