

APPENDIX A

SPECIAL PROVISION

Specifications of Work to Be Performed

For

ELECTRICAL SIGNAL & LIGHTING MAINTENANCE SERVICES

STATEWIDE

Contractor _____

SCHEDULE OF ITEMS

All prices for parts “installed” price

Item	Unit	<u>Price</u>
12 inch Bi-model Yellow/Green Arrow LED	Each	
12 inch Red Arrow LED	Each	
12” inch Yellow Arrow LED	Each	
12” inch Green Arrow LED	Each	
12” inch Red Ball LED	Each	
12” inch Yellow Ball LED	Each	
12” inch Green Ball LED	Each	
8” inch Red Ball LED	Each	
8” inch Yellow Ball LED	Each	
8” inch Green Ball LED	Each	
TS-2 Type 1 Controller	Each	
TS-2 Type 2 Controller	Each	
6 foot by 40 foot quadrapole inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	Each	
6 foot by 6 foot inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	Each	
Kistler “Lineas” sensors 2 meter lead cable 100 meter Including grout to install and installation	Each	
Microwave detector Type TC20	Each	

Microwave detector Type TC26	Each	
Directional Boring	Linear Foot	
Microwave detector presence Type	Each	
Signal cable direct earth burial (12 AWG) 4 conductor	Linear Foot	
Signal cable direct earth burial (12 AWG) 7 conductor	Linear Foot	
Signal cable direct earth burial (12 AWG) 12 conductor	Linear Foot	
Self supporting aerial cable (12 AWG) 5 conductor	Linear Foot	
Self supporting aerial cable (12 AWG) 7 conductor	Linear Foot	
Self supporting aerial cable (12 AWG) 12 conductor	Linear Foot	
Communication cable (19AWG 12 pair) IMSA Spec 59-2 and 60-2	Linear Foot	
Pre-wired Conduit #10 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #8 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #6 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #3 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #2 wire (3 conductor)	Linear Foot	
Pre-wired Conduit #1 wire (3 conductor)	Linear Foot	
480 volt 100 amp lighting service on pole with lighting contactor and twist lock photocell	Each	
Controller Cabinet Type M	Each	
Controller Cabinet Type P	Each	
Controller Cabinet Type F	Each	
Controller Cabinet Type M (with back panel)	Each	
Controller Cabinet Type P (with back panel)	Each	
Controller Cabinet Type F (with back panel)	Each	

Malfunction Management Unit	Each	
NEMA Conflict Monitor 12 Channel	Each	
Dual Indicator Load switches	Each	
Loop amplifiers (2 channel) rack mounted	Each	
Loop amplifiers (Single channel) shelf mounted	Each	
Span wire (5/16 inch)	Linear Foot	
Tether wire (1/4 inch)	Linear Foot	
Strand vise (5/16 inch)	Each	
250 Watt Metal Halide Bulb	Each	
150 Watt Metal Halide Bulb	Each	
250 Watt High Pressure Sodium Bulb (IES distribution Type 2)	Each	
250 Watt High Pressure Sodium Bulb (IES distribution Type 3)	Each	
150 Watt High Pressure Sodium Bulb (IES distribution Type 2)	Each	
150 Watt High Pressure Sodium Bulb (IES distribution Type 3)	Each	
18" Concrete Foundation	Each	
24" Concrete Foundation	Each	
30" Concrete Foundation	Each	
36" Concrete Foundation	Each	
Manitoba Safety T-base or approved equal	Each	
Frangible Coupling Breakaway Transformer Base	Each	
Junction Box (see MDOT Standard Details)	Each	
Light fixture (Mongoose Type) full IES cutoff for 150 watt high pressure sodium	Each	
Light fixture (Mongoose Type) full IES cutoff for 250 watt high pressure sodium	Each	
Light fixture (Mongoose Type) full IES cutoff for 150 watt metal Halide	Each	
Light fixture (Mongoose Type) full IES cutoff for 250 watt Metal Halide	Each	

Light fixture (Cobrahead Type) full IES cutoff for 150 watt high pressure sodium	Each	
Light fixture (Cobrahead Type) full IES cutoff for 250 watt high pressure sodium	Each	
Light fixture (Cobrahead Type) full IES cutoff for 150 watt Metal Halide	Each	
Light fixture (Cobrahead Type) full IES cutoff for 250 watt Metal Halide	Each	
PVC Schedule 40	Linear Foot	
PVC Schedule 80	Linear Foot	
Signal Housing for 12" signal head	Each	
Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump sum	
Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum	
Traffic Control for Interstate Shoulder closure (Including signs, drums, cones)	Lump sum	
Traffic Control for Interstate lane closure (Including signs, drums, cones)	Lump sum	
Pedestal Poles (10 foot)	Each	
Pedestrian Heads (18 inch LED)	Each	
Pedestrian Heads (18 inch LED countdown)	Each	
40 foot aluminum light pole	Each	
Wood poles with guys	Each	
Back plates for 3-section heads	Each	
Back plates for 4-section heads	Each	
Back plates for 5-section heads	Each	
Bracket arms for light poles	Each	
Astro-bracket for 5-section head	Each	
Astro-bracket for 5-section head	Each	
Goosenecks	Each	
Pedestrian Push Button	Each	
Span wire mount bracket	Each	
Tether Clamp Assembly	Each	

Flash transfer relay (35 amps)	Each	
Mercury relays (30 amps)	Each	
Line filters (30 amps)	Each	
Solar panel (45 watt) with mounting brackets	Each	
Flagger	Hour	
12 inch Bi-model Yellow/Green Arrow LED	Each	
12 inch Red Arrow LED	Each	
Travel Time to Region 1 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	Calendar Day	
Travel Time to Region 2 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	Calendar Day	
Travel Time to Region 3 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	Calendar Day	
Travel Time to Region 4 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	Calendar Day	
Travel Time to Region 5 (time to travel to and from any site in the region, includes time for an electrician to travel both ways and the cost of bucket truck, including fuel)	Calendar Day	

Regions 1 thru 5 are as shown on the attached map, for a list of towns in a region, please contact Stephen Landry at Stephen.landry@maine.gov and one will be sent to you electronically.