

**Maine Department of Transportation  
Tabulation of Bids**

**Contract ID:** n/a      **WIN:** PH20141119SL

**Letting date:** 1/7/2015 **TOWN:** Statewide

**Contract Description:** Electrical Signal & Lighting Maintenance Services - Statewide

Vendors	Service Area denoted with "X"				
	Region 1	Region 2	Region 3	Region 4	Region 5
Electrical Light Company	x	x	x	x	x
Border Electric				x	
LaJoie Electric					x
Moulison North Corp	x	x	x	x	x

		Electrical Light Compa	Border Electric	LaJoie Electric	Moulison North Corp
Item Description	Unit	Unit Price	Unit Price	Unit Price	Unit Price
1) Traffic Control					
Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump sum	\$1,500.00	\$1,100.00	\$1,200.00	\$1,570.00
Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum	\$1,500.00	\$825.00	\$750.00	\$1,300.00

Traffic Control for Interstate Shoulder closure (Including signs, drums, cones)	Lump sum	\$2,500.00	n/a	\$2,000.00	\$1,400.00
Traffic Control for Interstate lane closure (Including signs, drums, cones)	Lump sum	\$3,500.00	n/a	\$4,750.00	\$3,200.00
Flagger	hour	\$30.00	n/a	\$12.00	\$25.00
2) Labor					
Hourly Labor (for trouble shooting)	hour	\$88.00	\$95 w/bkt trk	\$48.00	\$115.00
General Electrical work per hour in MDOT Region facilities	hour	\$88.00	\$70 w/o bkt trk	\$48.00	\$115.00
3) Travel Time					
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)	LS	\$400.00	n/a	n/a	\$390.00
Travel to Region 1 with an equipment van to do general electrical work in Region facilities	LS	\$400.00	n/a	n/a	\$230.00

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)

LS

\$500.00

n/a

n/a

\$390.00

Travel to Region 2 with an equipment van to do general electrical work in Region facilities

LS

\$500.00

n/a

n/a

\$230.00

<p>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)</p>	<p>LS</p>	<p>\$800.00</p>	<p>n/a</p>	<p>n/a</p>	<p>\$680.00</p>
<p>Travel to Region 3 with an equipment van to do general electrical work in Region facilities</p>	<p>LS</p>	<p>\$800.00</p>	<p>n/a</p>	<p>n/a</p>	<p>\$460.00</p>
<p>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)</p>	<p>LS</p>	<p>\$1,000.00</p>	<p>\$250 Washington County</p>	<p>n/a</p>	<p>\$900.00</p>

Travel to Region 4 with an equipment van to do general electrical work in Region facilities	LS	\$1,000.00	\$225 Washinton County	n/a	\$690.00
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)	LS	\$2,500.00	n/a	\$264.00	\$2,500.00
Travel to Region 5 with an equipment van to do general electrical work in Region facilities	LS	\$2,500.00	n/a	\$232.00	\$1,250.00

4) Signal Indications

12 inch Bi-model Yellow/Green Arrow LED	each	\$150.00	\$260.00	\$96.00	\$150.00
12 inch Red Arrow LED	each	\$150.00	\$121.00	\$87.00	\$120.00
12" inch Yellow Arrow LED	each	\$150.00	\$127.00	\$87.00	\$120.00
12" inch Green Arrow LED	each	\$150.00	\$180.00	\$87.00	\$125.00
12" inch Red Ball LED	each	\$150.00	\$87.00	\$87.00	\$125.00
12" inch Yellow Ball LED	each	\$150.00	\$108.00	\$87.00	\$125.00
12 inch Bi-model Yellow/Green Arrow LED	each	\$150.00	\$259.00	\$96.00	\$150.00
12 inch Red Arrow LED	each	\$150.00	\$120.00	\$87.00	\$120.00
12" inch Green Ball LED	each	\$150.00	\$173.00	\$87.00	\$130.00
8" inch Red Ball LED	each	\$150.00	\$68.00	\$75.00	\$100.00
8" inch Yellow Ball LED	each	\$150.00	\$80.00	\$75.00	\$100.00
8" inch Green Ball LED	each	\$150.00	\$109.00	\$75.00	\$115.00
5) Signal and Beacon Components					
TS-2 Type 1 Controller	each	\$2,400.00	\$2,795.00	n/a	\$2,750.00
TS-2 Type 2 Controller	each	\$2,400.00	\$2,820.00	n/a	\$2,950.00

6 foot by 40 foot quadrapole inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	each	\$1,000.00	n/a	n/a	\$1,200.00
6 foot by 6 foot inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	each	\$700.00	n/a	n/a	\$600.00
Traffic cam 8mm with clickit interface	each	n/a	\$3,270.00	n/a	\$4,700.00
Microwave detector Type TC20	each	\$900.00	\$954.00	n/a	\$930.00
Microwave detector Type TC26	each	\$1,200.00	\$954.00	n/a	\$1,250.00
Signal Housing for 12" signal head	each	\$200.00	\$259.00	n/a	\$210.00
Microwave detector presence Type	each	n/a	\$954.00	n/a	\$1,800.00
Signal cable direct earth burial (12 AWG) 4 conductor	Linear Foot	\$5.00	\$1.75	n/a	\$6.00
Signal cable direct earth burial (12 AWG) 7 conductor	Linear Foot	\$6.00	\$2.35	n/a	\$6.90
Signal cable direct earth burial (12 AWG) 12 conductor	Linear Foot	\$7.00	\$2.85	n/a	\$8.00
Self supporting aerial cable (12 AWG) 5 conductor	Linear Foot	\$6.00	\$4.25	n/a	\$5.50

Self supporting aerial cable (12 AWG) 7 conductor	Linear Foot	\$7.00	\$4.85	n/a	\$6.00
Self supporting aerial cable (12 AWG) 12 conductor	Linear Foot	\$8.00	\$5.35	n/a	\$8.00
Communication cable (19AWG 12 pair) IMSA Spec 59-2 and 60-2	Linear Foot	\$9.00	n/a	n/a	\$8.00
Accuwave LX150	each	n/a	\$1,705.00	n/a	\$2,400.00

<p>Wavetronics matrix which includes: WX-SS-225 Matrix Sensor; WX-SS-611 Sensor Mount; WX-SS-704-20 20' Sensor Cable with Connector; WX-SS-705 Sensor Cable; WX-SS-710 In Line Terminal Strip Junction Box; WX-SS-B03-0004 Controller Cabinet Backplate for 2 Sensors; WX-SS-B03-0005 Controller Cabinet Backplate for 4 Sensors; WX-CLK-112 2-Channel Rack Card ; WX-CLK-114 4-Channel Rack Card; WX-CLK-421 Bluetooth to Serial Converter Module</p>	<p>Lump sum</p>	<p>n/a</p>	<p>\$12,284.00</p>	<p>n/a</p>	<p>\$12,500.00</p>
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<p>Advance Dilemma Zone Detection which includes: WX-SS-225- V Advance Sensor WX-SS-611 Sensor Mount WX-SS-704- 20 20' Sensor Cable with Connector WX- SS-705 Sensor Cable WX-SS-710 In Line Terminal Strip Junction Box WX-SS- B03-0004 Controller Cabinet Backplate for 2 Sensors WX-SS- B03-0005 Controller Cabinet Backplate for 4 Sensors WX-CLK- 112 2-Channel Rack Card WX-CLK-114 4- Channel Rack Card WX-CLK-421 Bluetooth to Serial Converter Module</p>	Lump sum	n/a	\$12,091.00	n/a	\$14,000.00
Battery cabinet type P216	each	n/a	\$798.00		\$1,200.00
Controller Cabinet Type M	each	\$3,000.00	\$1,957.00	n/a	\$3,000.00
Controller Cabinet Type P	each	\$4,000.00	\$3,450.00	n/a	\$4,500.00

Controller Cabinet Type F	each	\$500.00	\$291.00	n/a	\$1,500.00
Controller Cabinet Type M (with back panel)	each	\$6,000.00	\$5,830.00	n/a	\$4,200.00
Controller Cabinet Type P (with back panel)	each	\$7,000.00	\$6,520.00	n/a	\$6,500.00
Controller Cabinet Type F (with back panel)	each	\$800.00	\$1,042.00	n/a	\$1,600.00
Malfunction Management Unit	each	\$800.00	\$936.00	n/a	\$1,750.00
NEMA Conflict Monitor 12 Channel	each	\$800.00	\$528.00	n/a	\$1,250.00
Dual Indicator Load switches	each	\$80.00	\$45.00	n/a	\$125.00
Loop amplifiers (2 channel) rack mounted	each	\$200.00	\$176.00	n/a	\$300.00
Loop amplifiers (Single channel) shelf mounted	each	\$200.00	\$184.00	n/a	\$175.00
Span wire (5/16 inch)	Linear Foot	\$4.00	n/a	n/a	\$5.00
Span wire mount bracket	each	\$300.00	\$218.00	n/a	\$170.00
Tether wire (1/4 inch)	Linear Foot	\$4.00	n/a	n/a	\$4.10
Tether Clamp Assembly	each	\$100.00	n/a	n/a	\$120.00
Strand vise (5/16 inch)	each	\$80.00	n/a	n/a	\$75.00
goosenecks	each	\$100.00	\$51.00	n/a	\$110.00

Back plates for 3-section heads	each	\$100.00	\$47.00	n/a	\$200.00
Back plates for 4-section heads	each	\$150.00	\$62.00	n/a	\$275.00
Back plates for 5-section heads	each	\$300.00	\$149.00	n/a	\$290.00
Astro-bracket for 5-section head	each	\$300.00	\$254.00	n/a	\$320.00
Astro-bracket for 5-section head	each	\$300.00	\$402.00	n/a	\$320.00
Flash transfer relay (35 amps)	each	\$90.00	\$42.00	n/a	\$90.00
Mercury relays (30 amps)	each	\$150.00	n/a	n/a	\$1,500.00
Line filters (30 amps)	each	\$150.00	\$126.00	n/a	\$140.00
Solar panel (45 watt) with mounting brackets	each	\$750.00	\$423.00	n/a	\$480.00
Flash transfer relays	each	\$90.00	\$42.00	n/a	\$90.00
Loop amp rack mount	each	\$200.00	\$170.00	n/a	\$250.00
Loop amp shelf mount	each	\$200.00	\$184.00	n/a	\$280.00
Microwave detectors	each	\$1,200.00	\$954.00	n/a	\$1,270.00
Pedestrian Push Button	each	\$150.00	\$72.00	n/a	\$175.00
Audible ped button only	each	\$900.00	\$280.00	n/a	\$750.00
Audible ped system – includes power supply, ped button, bracket and speaker	each	\$900.00	\$735.00	n/a	\$850.00
Audible ped chirper	each	\$500.00	\$492.00	n/a	\$650.00

Bimodal Ped indication	each	\$150.00	\$214.00	n/a	\$250.00
Bimodal countdown ped indication	each	\$350.00	\$405.00	n/a	\$350.00
Pedestrian Heads (18 inch LED)	each	\$400.00	\$375.00	n/a	\$530.00
Pedestrian Heads (18 inch LED countdown)	each	\$500.00	\$573.00	n/a	\$650.00
5 pin flasher	each	\$200.00	\$108.00	n/a	\$260.00
Pedestal Poles (10 foot)	each	\$500.00	\$496.00	n/a	\$750.00

#### 6) Poles and Foundations

40 foot aluminum light pole	each	\$3,500.00	\$3,720.00	\$3,900.00	\$2,400.00
Wood poles 40 foot with guys	each	\$1,500.00	n/a	n/a	\$1,500.00
Wood poles 45 foot with guys	each	\$1,800.00	n/a	n/a	\$1,600.00
18" Concrete Foundation	each	\$100.00	n/a	n/a	\$1,000.00
24" Concrete Foundation	each	\$1,500.00	n/a	n/a	\$1,200.00
30" Concrete Foundation	each	\$200.00	n/a	n/a	\$1,800.00
36" Concrete Foundation	each	\$2,500.00	n/a	n/a	\$2,400.00
Manitoba Safety T-base or approved equal	each	\$750.00	\$553.00	n/a	\$720.00

Frangible Coupling Breakaway Transformer Base	each	\$750.00	\$553.00	n/a	\$720.00
7) Lighting and Wiring					
Pre-wired Conduit #10 wire (3 conductor)	Linear Foot	\$15.00	n/a	n/a	\$14.00
Pre-wired Conduit #8 wire (3 conductor)	Linear Foot	\$16.00	n/a	n/a	\$14.50
Pre-wired Conduit #6 wire (3 conductor)	Linear Foot	\$18.00	n/a	n/a	\$15.00
Pre-wired Conduit #3 wire (3 conductor)	Linear Foot	\$22.00	n/a	n/a	\$16.50
Pre-wired Conduit #2 wire	Linear Foot	\$24.00	n/a	n/a	\$17.00
Pre-wired Conduit #1 wire (3 conductor)	Linear Foot	\$28.00	n/a	n/a	\$18.00
PVC Schedule 40	Linear Foot	\$20.00	n/a	n/a	\$13.00
PVC Schedule 80	Linear Foot	\$22.00	n/a	n/a	\$25.00
Directional Boring	Linear Foot	n/a	n/a	n/a	\$60.00
Junction Box (23,000 lb load rating, see MDOT Standard Details)	each	\$750.00	n/a	n/a	\$450.00
Light fixture (Mongoose Type) full IES cutoff for 150 watt high pressure sodium	each	\$900.00	\$768.00	n/a	\$750.00

Light fixture (Mongoose Type) full IES cutoff for 250 watt high pressure sodium	each	\$900.00	\$799.00	n/a	\$750.00
Light fixture (Mongoose Type) full IES cutoff for 150 watt metal Halide	each	\$900.00	\$758.00	n/a	\$750.00
Light fixture (Mongoose Type) full IES cutoff for 250 watt Metal Halide	each	\$900.00	\$789.00	n/a	\$800.00
Light fixture (Cobrahead Type) full IES cutoff for 150 watt high pressure sodium	each	\$450.00	\$330.00	n/a	\$300.00
Light fixture (Cobrahead Type) full IES cutoff for 250 watt high pressure sodium	each	\$450.00	\$352.00	n/a	\$300.00
Light fixture (Cobrahead Type) full IES cutoff for 150 watt metal Halide	each	\$450.00	\$280.00	n/a	\$300.00
Light fixture (Cobrahead Type) full IES cutoff for 250 watt Metal Halide	each	\$450.00	\$280.00	n/a	\$300.00
Bracket arms for light poles	each	n/a	n/a	n/a	\$400.00

480 volt 100 amp lighting service on pole with lighting contactor and twist lock photocell	each	\$5,000.00	n/a	n/a	\$4,800.00
480 volt lighting service with 50 amp breaker	Each	\$4,500.00	n/a	n/a	\$74,200.00
250 Watt Metal Halide Bulb	each	\$100.00	\$23.00	\$25.41	\$400.00
150 Watt Metal Halide Bulb	each	\$100.00	\$39.00	\$29.70	\$400.00
250 Watt High Pressure Sodium Bulb (IES distribution Type 2)	each	\$100.00	\$28.00	\$21.48	\$110.00
250 Watt High Pressure Sodium Bulb (IES distribution Type 3)	each	\$100.00	\$28.00	n/a	\$110.00
150 Watt High Pressure Sodium Bulb (IES distribution Type 2)	each	\$100.00	\$39.00	\$21.48	\$110.00
150 Watt High Pressure Sodium Bulb (IES distribution Type 3)	each	\$100.00	\$39.00	n/a	\$110.00

Light fixture LEDG 120 35 5K ah g L3. Holophane led roadway fixture to replace 150 watt high pressure sodium 480 volt type 3 fixtures	each	\$1,200.00	\$1,582.00	n/a	\$1,050.00
Light fixture LEDG 120 35 5K AS ah g L2. Holophane led roadway fixture to replace 150 watt high pressure sodium 480 volt type 2 fixtures	each	\$1,200.00	\$1,582.00	n/a	\$1,050.00
Light fixture LSR4-CW-R3(480)2B-GR-. Lighting Science roadway fixture led to replace 150 watt high pressure sodium 480 volt fixture	each	\$1,200.00	\$1,755.00	n/a	\$1,150.00
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 480 volt high pressure sodium Type II	each	\$1,200.00	\$1,323.00	n/a	\$1,150.00
Global tech led gtrhb-4-2-2-1-nw led high mast retrofit to replace 1 1000 watt 480 volt ballast and light assembly	each	\$3,000.00	n/a	n/a	\$2,400.00

Light fixture LEDG 120 35 5K AS g L3 el. Holophane led roadway fixture to replace 150 watt high pressure sodium 120- 277 volt type 3 fixtures	each	\$1,200.00	\$1,498.00	n/a	\$1,150.00
Light fixture LEDG 120 35 5K AS g L2 el. Holophane led roadway fixture to replace 150 watt high pressure sodium 120- 277 volt type 2 fixtures	each	\$1,200.00	\$1,498.00	n/a	\$1,150.00
Dual breakaway fuse kits for highway lighting including	each	n/a	n/a	n/a	\$175.00
8) Miscellaneous					
Kistler "Lineas" sensors, 2 meter with 100 meter lead cable, Including grout to install and installation per sensor	each	n/a	n/a	n/a	\$8,000.00