

**Maine Department of Transportation
Tabulation of Bids**

Contract ID: PH20190918TSM

Letting date: October 9, 2019

TOWN/CITY/REGION: Region 1, 2, 3, 4, 5

Contract Description: Traffic Signal Maintenance Work- Statewide

Item Description			Electric Light	Lajoie Electric & Control Service, Inc	Ampire Electric	NDC Communications, LLC
Regions			1-5	4,5	1-5	1-5
Item	Unit	Approx. Quantity and Units	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	IRREGULAR	\$ 1,050.00	\$ 1,580.00
	Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum	\$ 1,500.00	IRREGULAR	\$ 780.00	\$ 1,580.00
	Flagger	Hour	\$ 50.00	IRREGULAR	\$ 40.00	\$ 38.00
2) LABOR				IRREGULAR		
	Hourly Labor (for trouble shooting)	Hour	\$ 120.00	IRREGULAR	\$ 80.00	\$ 112.00
3) TRAVEL TIME				IRREGULAR		
	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)	Lump sum	\$ 400.00	IRREGULAR	\$ 375.00	\$ 860.00
	Travel to region 1 with an equipment van to do general electrical work in Region facilities	Lump sum	\$ 400.00	IRREGULAR	\$ 325.00	\$ 860.00
	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)	Lump sum	\$ 500.00	IRREGULAR	\$ 460.00	\$ 586.00
	Travel to region 2 with an equipment van to do general electrical work in Region facilities	Lump sum	\$ 500.00	IRREGULAR	\$ 430.00	\$ 586.00
	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)	Lump sum	\$ 800.00	IRREGULAR	\$ 400.00	\$ 692.00

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	Travel to region 3 with an equipment van to do general electrical work in Region facilities	Lump sum	\$ 800.00	IRREGULAR	\$ 400.00	\$ 692.00
	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)	Lump sum	\$ 1,000.00	IRREGULAR	\$ 900.00	\$ 568.00
	Travel to region 4 with an equipment van to do general electrical work in Region facilities	Lump sum	\$ 1,000.00	IRREGULAR	\$ 900.00	\$ 568.00
	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)	Lump sum	\$ 2,500.00	IRREGULAR	\$ 1,350.00	\$ 1,000.00
	Travel to region 5 with an equipment van to do general electrical work in Region facilities	Lump sum	\$ 2,500.00	IRREGULAR	\$ 1,350.00	\$ 1,000.00
4) SIGNAL INDICATIONS (furnish and deliver parts)				IRREGULAR		
	12 inch Bi-model Yellow/Green Arrow LED	Each	\$ 150.00	IRREGULAR	\$ 110.00	\$ 207.00
	12 inch Red Arrow LED	Each	\$ 100.00	IRREGULAR	\$ 88.00	\$ 53.00
	12" inch Yellow Arrow LED	Each	\$ 100.00	IRREGULAR	\$ 88.00	\$ 53.00
	12" inch Green Arrow LED	Each	\$ 100.00	IRREGULAR	\$ 88.00	\$ 53.00
	12" inch Red Ball LED	Each	\$ 100.00	IRREGULAR	\$ 88.00	\$ 53.00
	12" inch Yellow Ball LED	Each	\$ 100.00	IRREGULAR	\$ 88.00	\$ 53.00
	12 inch Bi-model Yellow/Green Arrow LED	Each	x	IRREGULAR	\$ 110.00	\$ 207.00
	12 inch Red Arrow LED	Each	x	IRREGULAR	\$ 88.00	\$ 53.00
	12" inch Green Ball LED	Each	\$ 100.00	IRREGULAR	\$ 88.00	\$ 53.00
	8" inch Red Ball LED	Each	\$ 100.00	IRREGULAR	\$ 80.00	\$ 84.00
	8" inch Yellow Ball LED	Each	\$ 100.00	IRREGULAR	\$ 80.00	\$ 110.00
	8" inch Green Ball LED	Each	\$ 100.00	IRREGULAR	\$ 80.00	\$ 122.00
5) SIGNAL AND BEACON COMPONENTS (furnish and deliver parts)				IRREGULAR		
	TS-2 Type 1 Controller	Each	\$ 2,950.00	IRREGULAR	\$ 3,200.00	\$ 2,460.00
	TS-2 Type 2 Controller	Each	\$ 2,950.00	IRREGULAR	\$ 3,200.00	\$ 2,785.00
	Atc Traffic Controller	Each	\$ 2,950.00	IRREGULAR	\$ 3,200.00	\$ 4,050.00
	6 foot by 40 foot quadrapole inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	Each	\$ 1,200.00	IRREGULAR	\$ 1,200.00	TBD
	6 foot by 6 foot inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	Each	\$ 800.00	IRREGULAR	\$ 800.00	TBD
	Traffic cam 8mm with clickit interface	Each	x	IRREGULAR	x	\$ 3,635.00
	Microwave detector Type TC20	Each	\$ 1,200.00	IRREGULAR	x	\$ 670.00
	Microwave detector Type TC26	Each	\$ 1,200.00	IRREGULAR	\$ 972.00	\$ 670.00
	Signal Housing for 12" signal head	Each	\$ 200.00	IRREGULAR	\$ 100.00	\$ 200.00
	Microwave detector presence Type	Each	\$ 1,200.00	IRREGULAR	\$ 1,000.00	\$ 670.00
	Signal cable direct earth burial (12 AWG) 4 conductor	Linear foot	\$ 6.00	IRREGULAR	\$ 6.00	TBD

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Signal cable direct earth burial (12 AWG) 7 conductor	Linear Foot	\$ 7.00	IRREGULAR	\$ 6.50	TBD
Signal cable direct earth burial (12 AWG) 12 conductor	Linear Foot	\$ 8.00	IRREGULAR	\$ 8.00	TBD
Self supporting aerial cable (12 AWG) 5 conductor	Linear Foot	\$ 7.00	IRREGULAR	\$ 7.00	TBD
Self supporting aerial cable (12 AWG) 7 conductor	Linear Foot	\$ 8.00	IRREGULAR	\$ 8.00	TBD
Self supporting aerial cable (12 AWG) 12 conductor	Linear Foot	\$ 9.00	IRREGULAR	\$ 8.00	TBD
Communication cable (19AWG 12 pair)	Linear Foot	\$ 10.00	IRREGULAR	\$ 10.00	TBD
IMSA Spec 59-2 and 60-2			IRREGULAR		
Advanced Dilemma zone detection with secondary presence detection	Lump Sum	x	IRREGULAR	\$ 25,000.00	TBD
Battery cabinet type P216	Each	x	IRREGULAR	x	\$ 1,380.00
Atc Controller Cabinet 2 door pole mount	Each	\$ 11,000.00	IRREGULAR	x	\$ 29,500.00
Atc Controller Cabinet 4 door ground mount	Each	\$ 12,000.00	IRREGULAR	x	\$ 36,625.00
Controller Cabinet Type M	Each	\$ 3,000.00	IRREGULAR	\$ 27,000.00	\$ 2,175.00
Controller Cabinet Type P	Each	\$ 4,000.00	IRREGULAR	\$ 3,300.00	\$ 2,700.00
Controller Cabinet Type F	Each	x	IRREGULAR	\$ 650.00	\$ 1,245.00
Controller Cabinet Type M (with back panel)	Each	\$ 7,000.00	IRREGULAR	\$ 15,000.00	\$ 9,000.00
Controller Cabinet Type P (with back panel)	Each	\$ 8,000.00	IRREGULAR	\$ 16,000.00	\$ 10,100.00
Controller Cabinet Type F (with back panel)	Each	x	IRREGULAR	\$ 850.00	\$ 1,710.00
Atc switch packs for signal indications	Each	\$ 400.00	IRREGULAR	x	\$ 235.00
Atc Malfunction management unit	Each	\$ 1,200.00	IRREGULAR	x	\$ 1,230.00
Malfunction Management Unit	Each	\$ 1,200.00	IRREGULAR	\$ 900.00	\$ 1,050.00
NEMA Conflict Monitor 12 Channel	Each	\$ 1,000.00	IRREGULAR	\$ 900.00	\$ 1,210.00
Dual Indicator Load switches	Each	\$ 80.00	IRREGULAR	\$ 50.00	\$ 52.00
Loop amplifiers (2 channel) rack mounted	Each	\$ 250.00	IRREGULAR	\$ 210.00	\$ 161.00
Loop amplifiers (Single channel) shelf mounted	Each	\$ 250.00	IRREGULAR	\$ 150.00	\$ 645.00
Span wire (5/16 inch)	Linear Foot	\$ 5.00	IRREGULAR	\$ 6.00	TBD
Span wire signal mount bracket	Each	\$ 300.00	IRREGULAR	\$ 320.00	TBD
Tether wire (1/4 inch)	Linear Foot	\$ 4.00	IRREGULAR	\$ 5.00	TBD
Tether Clamp Assembly	Each	\$ 100.00	IRREGULAR	\$ 90.00	TBD
Strand vise (5/16 inch)	Each	\$ 50.00	IRREGULAR	\$ 25.00	TBD
Goose-necks for signals	Each	\$ 100.00	IRREGULAR	\$ 162.00	TBD
Back plates for 3-section heads	Each	\$ 150.00	IRREGULAR	\$ 170.00	TBD
Back plates for 4-section heads	Each	\$ 200.00	IRREGULAR	\$ 190.00	TBD
Back plates for 5-section heads	Each	\$ 250.00	IRREGULAR	\$ 270.00	x
Astro-bracket for 5-section head	Each	\$ 250.00	IRREGULAR	\$ 250.00	x
Astro-bracket for 5-section head	Each	\$ 350.00	IRREGULAR	\$ 350.00	x
Flash transfer relay (35 amps)	Each	\$ 100.00	IRREGULAR	\$ 90.00	x
Line filters (30 amps)	Each	\$ 200.00	IRREGULAR	\$ 140.00	x
Solar panel (45 watt) with mounting brackets	Each	\$ 500.00	IRREGULAR	\$ 550.00	\$ 700.00
Solid state Replacement for mercury signal buss relay	Each	\$ 300.00	IRREGULAR	x	x
Flash transfer relays	Each	x	IRREGULAR	\$ 90.00	x
Loop amp rack mount	Each	x	IRREGULAR	\$ 210.00	x
Loop amp shelf mount	Each	x	IRREGULAR	\$ 150.00	x

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	Microwave detectors	Each	x	IRREGULAR	\$ 972.00	x
	Pedestrian Push Button	Each	\$ 150.00	IRREGULAR	\$ 150.00	\$ 90.00
	Audible ped button only	Each	\$ 900.00	IRREGULAR	\$ 700.00	\$ 580.00
	Audible ped system – includes power supply, ped button, bracket and speaker	Each	\$ 900.00	IRREGULAR	\$ 900.00	\$ 655.00
	Audible ped chirper	Each	\$ 500.00	IRREGULAR	\$ 600.00	\$ 565.00
	Bimodal Ped indication	Each	x	IRREGULAR	x	\$ 265.00
	Bimodal countdown ped indication	Each	\$ 300.00	IRREGULAR	\$ 300.00	\$ 357.00
	Pedestrian Heads (18 inch LED)	Each	x	IRREGULAR	x	\$ 356.00
	Pedestrian Heads (18 inch LED countdown)	Each	\$ 500.00	IRREGULAR	x	\$ 460.00
	5 pin flasher	Each	\$ 200.00	IRREGULAR	\$ 220.00	x
	Pedestal Poles (10 foot)	Each	\$ 600.00	IRREGULAR	x	x
	Replacement t for Mercury Relay for Signal Buss	Each	x	IRREGULAR	\$ 200.00	x
6) POLES AND FOUNDATIONS (furnish, deliver and install)				IRREGULAR		
	Wood poles 40 foot with guys	Each	\$ 3,600.00	IRREGULAR	x	x
	Wood poles 45 foot with guys	Each	\$ 4,000.00	IRREGULAR	x	x
	18” Concrete Foundation	Each	x	IRREGULAR	x	x
	24” Concrete Foundation	Each	x	IRREGULAR	x	x
	30” Concrete Foundation	Each	x	IRREGULAR	x	x
	36” Concrete Foundation	Each	x	IRREGULAR	x	x
	Manitoba Safety T-base or approved equal	Each	x	IRREGULAR	x	x
	Remove and replace traffic signal pole (steel or alum)	Lump sum	x	IRREGULAR	x	x
	Remove and replace traffic signal mast arm 10 – 20 feet	Lump sum	x	IRREGULAR	x	x
	Remove and replace traffic signal mast arm 20 – 30 feet	Lump sum	x	IRREGULAR	x	x
	Remove and replace traffic signal mast arm 30 – 40 feet	Lump sum	x	IRREGULAR	x	x
	Remove and replace traffic signal mast arm 40 – 50 feet	Lump Sum	x	IRREGULAR	x	x
	Remove and replace traffic signal mast arm 50 feet and above	Lump Sum	x	IRREGULAR	x	x
	Traffic signal foundation patching / repair	Lump Sum	x	IRREGULAR	x	x
	Traffic signal pole /mast arm repair	Lump Sum	x	IRREGULAR	x	x
	Frangible Coupling Breakaway Transformer Base	Each	x	IRREGULAR	x	x
7) LIGHTING AND WIRING (furnish and deliver parts)				IRREGULAR		
	# 8 copper stranded Thwn various colors per foot	Linear Foot	x	IRREGULAR	\$ 1.50	\$ 0.42
	# 6 copper stranded Thwn various colors per foot	Linear Foot	x	IRREGULAR	\$ 2.00	\$ 0.63
	# 4 copper stranded Thwn various colors per foot	Linear Foot	x	IRREGULAR	\$ 3.00	\$ 0.93
	# 2 copper stranded Thwn various colors per foot	Linear Foot	x	IRREGULAR	\$ 4.00	\$ 1.33
	# 1ot copper stranded Thwn various colors per foot	Linear Foot	x	IRREGULAR	\$ 5.00	\$ 2.22
	PVC Schedule 40 1 ½ inch	Linear Foot	x	IRREGULAR	\$ 1.00	\$ 0.84
	PVC Schedule 80 1 ½ inch	Linear Foot	x	IRREGULAR	\$ 1.50	\$ 1.06
	PVC Schedule 40 2 inch	Linear Foot	x	IRREGULAR	\$ 1.50	\$ 0.97
	PVC Schedule 80 2 inch	Linear Foot	x	IRREGULAR	\$ 2.00	\$ 1.50
	Directional Boring	Linear Foot	x	IRREGULAR	x	x
	Junction Box (23,000 lb load rating, see MDOT Standard Details)	Linear Foot	x	IRREGULAR	\$ 700.00	TBD

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	Bracket arms for light poles	Linear Foot	x	IRREGULAR	x
	Trenching 3 feet deep	Linear Foot	x	IRREGULAR	\$ 15.00
					\$ 10.00