## Maine Department of Transportation Tabulation of Bids

Contract ID: PH20240807TSMW

Letting date: August 24, 2024

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

Contract Description:On Call Traffic Signal Maintenance Work- Statewide

	Item Description		Ele	ctric Light		ajoie Electric & ntrol Service, Inc	Ampire Electric	Dagle Electrical Construction Corp	Frazier Signal Technologies
	Regions			1-5		4,5	1-5	1-5	1-5
Item	Unit	Approx. Quantity and Units	Unit Price			Unit Price	Unit Price	Unit Price	Unit Price
1) TRAF	1) TRAFFIC CONTROL								
	Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum		\$1,800.00	)	\$2,250.00	\$1,350.00	\$1,900.00	\$1,300.00
	Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump sum	\$	2,100.00	\$	2,750.00	\$ 1,500.00	\$ 1,950.00	\$1,800.00
	Traffic Control for 5 way intersection (Including signs, drums, cones)	Lump sum	\$	2,500.00	\$	3,000.00	\$ 1,600.00	\$ 2,400.00	\$2,500.00
	Flagger	Hour	\$	50.00	\$	55.00	\$ 55.00	\$ 65.00	\$60.00
2) LABO	)R								
	Hourly Labor (for trouble shooting)	Hour	\$	140.00	\$	80.00	\$ 100.00	\$ 155.00	\$125.00
	Hourly Labor (for installing items not listed in sections 4-7)	Hour	\$	140.00	\$	80.00	\$ 70.00	\$ 155.00	\$125.00
3) TRAV	VEL 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)	Lump sum	\$	1,000.00			\$ 375.00	\$ 500.00	\$1,200.00
	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	\$	1,500.00			\$ 425.00	\$ 750.00	\$450.00
	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	\$	2,000.00			\$ 400.00	\$ 750.00	\$650.00
	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	\$	3,000.00	\$	1,600.00	\$ 600.00	\$ 1,550.00	\$200.00
	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	\$	4,000.00		850.00			\$475.00

	Item Description		Ele	ctric Light	Lajoie Electric & Control Service, Inc	Ampire Electric	Dagle Electrical Construction Corp	Frazier Signal Technologies
	obilization for Directional Boring in Region 1 (Boring is charged by linear foot Lighting and Wiring below)	Lump sum	\$	4,000.00		\$ 4,000.00	\$ 4,800.00	
in	obilization for Directional Boring in Region 2 (Boring is charged by linear foot Lighting and Wiring below)	Lump sum	\$	4,000.00		\$ 4,000.00	\$ 5,200.00	
in	obilization for Directional Boring in Region 3 (Boring is charged by linear foot Lighting and Wiring below)	Lump sum	\$	5,000.00		\$ 4,000.00	\$ 5,200.00	
in	obilization for Directional Boring in Region 4 (Boring is charged by linear foot Lighting and Wiring below)	Lump sum	\$	5,000.00		\$ 4,000.00	\$ 7,100.00	
in	obilization for Directional Boring in Region 5 (Boring is charged by linear foot Lighting and Wiring below)	Lump sum	\$	6,000.00		\$ 4,000.00	\$ 9,500.00	
Li	obilization for Trenching in Region 1 (Trenching is charged by linear foot in ghting and Wiring below)	Lump sum	\$	4,000.00		\$ 375.00	\$ 1,200.00	\$1,500.00
Li	obilization for Trenching in Region 2 (Trenching is charged by linear foot in ghting and Wiring below)	Lump sum	\$	4,000.00		\$ 445.00	\$ 1,400.00	\$450.00
Li	obilization for Trenching in Region 3 (Trenching is charged by linear foot in ghting and Wiring below)	Lump sum	\$	5,000.00		\$ 400.00	\$ 1,400.00	\$650.00
Li	obilization for Trenching in Region 4 (Trenching is charged by linear foot in ghting and Wiring below) obilization for Trenching in Region 5 (Trenching is charged by linear foot in	Lump sum	\$	5,000.00		\$ 600.00	\$ 2,950.00	\$250.00
	oblization for Frenching in Region 3 (Frenching is charged by linear foot in ghting and Wiring below)	Lump sum	\$	6,000.00		\$ 1,000.00	\$ 5,800.00	\$475.00
4) SIGNAL IN	IDICATIONS (furnish and deliver and install parts)							
12	2 inch Bi-model Yellow/Green Arrow LED	Each	\$	170.00	\$ 135.70	\$ 140.00	\$ 300.00	\$130.00
12	2 inch Red Arrow LED	Each	\$	95.00	\$ 54.00	\$ 80.00	\$ 160.00	\$75.00
12	" inch Yellow Arrow LED	Each	\$	95.00	\$ 54.00	\$ 80.00	\$ 160.00	\$75.00
12	" inch Green Arrow LED	Each	\$	95.00	\$ 54.00	\$ 80.00	\$ 160.00	\$75.0
12	" inch Red Ball LED	Each	\$	95.00	\$ 54.00	\$ 80.00	\$ 160.00	\$75.0
12	" inch Yellow Ball LED	Each	\$	95.00	\$ 54.00	\$ 80.00	\$ 160.00	\$75.0
	" inch Green Ball LED	Each	\$	95.00	\$ 54.00			\$75.0
4"	inch Red Bicycle LED	Each	\$	65.00	\$ 81.00		\$ 300.00	\$85.0
4"	inch Yellow Bicycle LED	Each	\$	65.00	\$ 81.00		\$ 300.00	\$85.0
4"	inch Green Bicycle LED	Each	\$	65.00	\$ 81.00		\$ 300.00	\$85.0
8"	inch Red Bicycle LED	Each	\$	75.00	\$ 81.00	\$ 110.00	\$ 500.00	\$115.0
8"	inch Yellow Bicycle LED	Each	\$	75.00	\$ 81.00	\$ 110.00	\$ 500.00	\$115.0
	inch Green Bicycle LED	Each	\$	75.00	\$ 81.00	\$ 110.00		\$115.0
	" inch Red Bicycle LED	Each	\$	95.00	\$ 81.00	\$ 120.00		\$115.0
	" inch Yellow Bicycle LED	Each	\$	95.00	\$ 81.00	\$ 120.00		\$115.0
	" inch Green Bicycle LED	Each	\$	95.00	\$ 81.00	\$ 120.00	<u> </u>	\$115.0
	edestrian Heads (18 inch LED)	Each	\$	230.00	\$ 180.00	\$ 260.00		\$250.0
	edestrian Heads (18 inch LED countdown)	Each	\$	500.00	\$ 180.00	\$ 250.00	·	\$250.0
	ND BEACON COMPONENTS (furnish and deliver and install	Lucii	Ψ	000.00	Ψ 100.00	Ψ 200.00	1,000.00	Ψ200.0
parts)	, and the second							
	S-2 Type 1 Controller	Each	\$	6,200.00	\$ 3,565.00			\$4,500.0
	S-2 Type 2 Controller	Each	\$	6,600.00	\$ 4,020.00			\$5,250.0
	te Traffic Controller	Each	\$	7,400.00	\$ 3,565.00	\$ 4,200.00	\$ 6,700.00	\$4,500.0
	foot by 40 foot quadrapole inductance loop (with IMSA Spec 51-5 loop wire with be jacket)	Each	\$	1,600.00		\$ 1,200.00	\$ 3,950.00	

Item Description		E	lectric Light	Lajoie Electric & Control Service, Inc		Ampire Electric		Dagle Electrical onstruction Corp	Frazier Signal Technologies
6 foot by 6 foot inductance loop (with IMSA Spec 51-5 loop wire with tube jacket)	Each	\$	1,100.00		\$	800.00	\$	3,600.00	
Traffic cam 8mm with clickit interface	Each	\$	6,900.00		\$	4,200.00	\$	5,800.00	\$4,900.00
4TI Traffic cam processor	Each	\$	8,800.00		\$	1,200.00	\$	2,400.00	\$1,250.00
Signal Housing for 12" signal head	Each	\$	1,050.00	\$ 90.00	) \$	200.00	\$	380.00	\$135.00
Microwave detector presence Type	Each	\$	8,500.00		\$	1,500.00	\$	1,400.00	\$975.00
Self supporting aerial cable (12 AWG) 5 conductor	Linear Foot	\$	8.00		\$	7.00	\$	8.00	\$2.00
Self supporting aerial cable (12 AWG) 7 conductor	Linear Foot	\$	9.00		\$	7.50	\$	9.00	\$2.25
Self supporting aerial cable (12 AWG) 12 conductor	Linear Foot	\$	10.00		\$	8.00	\$	10.00	\$2.50
Communication cable (19AWG 12 pair)	T. B.								
IMSA Spec 59-2 and 60-2	Linear Foot	\$	12.00		\$	10.00	\$	9.00	\$2.00
Advanced Dilemma zone detection with secondary presence detection	Lump Sum	\$	34,500.00	\$ 32,200.00	\$	16,000.00	\$	11,000.00	\$35,000.00
Battery cabinet type P216	Each	\$	6,500.00	\$ 7,820.00	) \$	7,500.00	\$	5,100.00	\$8,160.00
Atc Controller Cabinet 2 door pole mount	Each	\$	39,000.00	\$ 21,563.00	\$	20,000.00	\$	35,000.00	\$22,500.00
Atc Controller Cabinet 4 door ground mount	Each	\$	42,000.00	\$ 30,188.00	) \$	29,980.00	\$	45,000.00	\$31,500.00
Controller Cabinet Type M	Each	\$	24,000.00	\$ 20,844.00	) \$	11,000.00	\$	3,800.00	\$21,750.00
Controller Cabinet Type P	Each	\$	29,000.00	\$ 14,950.00	\$	13,000.00	\$	4,200.00	\$15,600.00
Controller Cabinet Type F	Each	\$	24,000.00	\$ 817.00	) \$	800.00	\$	1,180.00	\$900.00
Controller Cabinet Type M (with back panel)	Each	\$	15,000.00		\$	18,000.00	\$	23,900.00	\$21,750.00
Controller Cabinet Type P (with back panel)	Each	\$	17,000.00		\$	19,000.00	\$	25,500.00	\$15,600.00
Controller Cabinet Type F (with back panel)	Each	\$	14,000.00		\$	900.00	\$	2,500.00	\$900.00
Atc switch packs for signal indications	Each	\$	350.00	\$ 450.00	) \$	400.00	\$	490.00	\$450.00
Atc Malfunction management unit	Each	\$	1,100.00	\$ 1,104.00	) \$	1,310.00	\$	2,200.00	\$1,100.00
Malfunction Management Unit	Each	\$	1,600.00	\$ 1,582.00	\$	1,500.00	\$	1,860.00	\$1,650.00
NEMA Conflict Monitor 12 Channel	Each	\$	1,400.00	\$ 1,438.00	) \$	1,500.00	\$	1,800.00	\$1,500.00
Dual Indicator Load switches	Each	\$	90.00	\$ 57.60	) \$	65.00	\$	100.00	\$55.00
Loop amplifiers (2 channel) rack mounted	Each	\$	300.00	\$ 168.00	) \$	250.00	\$	350.00	\$160.00
Loop amplifiers (Single channel) shelf mounted	Each	\$	350.00	\$ 216.00	\$	200.00	\$	350.00	\$200.00
Span wire (5/16 inch)	Linear Foot	\$	8.00	\$ 1.10	) \$	6.00	\$	13.00	\$5.00
Span wire signal mount bracket	Each	\$	400.00	\$ 78.00	) \$	300.00	\$	440.00	\$80.00
Tether wire (1/4 inch)	Linear Foot	\$	6.00	\$ 1.10	) \$	5.00	\$	15.00	\$5.00
Tether Clamp Assembly	Each	\$	200.00		\$	120.00	\$	600.00	\$50.00
Strand vise (5/16 inch)	Each	\$	80.00	\$ 14.50	\$	50.00	\$	100.00	\$60.00
Strand vise (1/4 inch)	Each	\$	60.00	\$ 13.00	\$	40.00	\$	110.00	\$60.00
Goosenecks for signals	Each	\$	190.00	\$ 114.00	\$	110.00	\$	110.00	\$120.00
Reinforcing bar for span wire mounted signals	Each	\$	100.00	\$ 150.00	)		\$	3,300.00	\$50.00
Retroflective Back plates for 3-section heads	Each	\$	190.00	\$ 180.00	\$	175.00	\$	500.00	\$180.00
Retroflective Back plates for 4-section heads	Each	\$	240.00	\$ 216.00	\$	200.00	\$	600.00	\$220.00
Retroflective Back plates for 5-section heads	Each	\$	320.00	\$ 266.00	\$	260.00	\$	700.00	\$265.00
Astro-bracket for 3-section head, 120" cable	Each	\$	340.00	\$ 240.00	\$	250.00	\$	580.00	\$230.00
Astro-bracket for 4-section head, 120" cable	Each	\$	380.00	\$ 276.00	\$	350.00	\$	650.00	\$275.00
Astro-bracket for 5-section head, 120" cable	Each	\$	440.00	\$ 390.00	\$	400.00	\$	750.00	\$380.00
Flash transfer relay (35 amps)	Each	\$	100.00	\$ 54.00	\$	65.00	\$	150.00	\$55.00
Line filters (30 amps)	Each	\$	150.00	\$ 162.00	\$	150.00	\$	160.00	\$60.00
Solar panel (45 watt) with mounting brackets	Each	\$	750.00	\$ 414.00	\$	550.00	\$	880.00	\$450.00
Solid state Replacement for mercury signal buss relay	Each			\$ 108.00	) \$	150.00	\$	480.00	\$110.00

Item Description		Ele	ectric Light	Lajoie Electric & Control Service, Inc	Ampire Electric	Dagle Electrical Construction Corp	Frazier Signal Technologies
Flash transfer relays	Each	\$	100.00	\$ 54.00	\$ 65.00	\$ 150.00	\$55.0
Loop amp rack mount	Each	\$	300.00	\$ 240.00	\$ 210.00	\$ 750.00	\$235.0
Loop amp shelf mount	Each	\$	550.00	\$ 234.00	\$ 200.00	\$ 750.00	\$235.0
Microwave detectors	Each	\$	7,750.00		\$ 2,100.00	\$ 2,250.00	
Currux Vision Processor	Each					\$ 15,500.00	
AI FMU	Each	\$	9,900.00		\$ 12,075.00	\$ 11,800.00	\$10,600.0
Thrugreen FMU	Each		,		,	\$ 16,000.00	
Gridsmart GS2 Camera Detection System	Each				\$ 22,000.00	\$ 25,000.00	
Gridsmart GS3 Camera Detection System	Each	\$	28,900.00		\$ 18,514.00	\$ 28,000.00	
Gridsmart Bell Camera (just camera)	Each	\$	5,900.00		\$ 4,200.00	\$ 5,100.00	
Gridsmart Processor	Each	\$	16,900.00		\$ 14,234.00	\$ 10,200.00	
Miovision Camera Detection System	Each	\$	24,900.00	\$ 24,150.00	, , , , , , , ,	\$ 25,000.00	\$25,000.0
Miovision Smartview360 camera (just camera)	Each	\$	7,500.00	\$ 2,530.00	· · · · · · · · · · · · · · · · · · ·	\$ 6,600.00	\$2,650.0
Miovision AC3 Single Point Camera	Each	\$	5,500.00	\$ 2,530.00		\$ 4,900.00	\$2,650.0
Miovision Processor	Each	\$	12,500.00	\$ 13,743.00	1	\$ 12,500.00	\$14,340.0
Wavetronix SmartSensor Advance	Each	\$	8,500.00	ψ 10,740.00	\$ 7,433.00	\$ 13,000.00	ψ14,040.0
Wavetronix XP21	Each	\$	9,500.00		\$ 19,509.00	\$ 24,500.00	
Wavetronix Click 650	Each	\$	14,500.00		\$ 11,287.25	ψ 21,000.00	
Wavetronix ARC6	Each	\$	9,500.00		\$ 11,287.25	\$ 14,900.00	
36" Bimodal blankout sign (Any messages)	Each	\$	8,500.00	\$ 5,175.00		\$ 6,800.00	\$5,400.0
36" blankout sign (Any message)	Each	\$	7,500.00	\$ 4,600.00	1	\$ 6,500.00	\$4,800.0
30" Bimodal blankout sign (any messages)	Each	\$	7,100.00			\$ 6,300.00	\$4,800.0
30" blankout sign (any message)	Each	\$	6,800.00	\$ 4,313.00	\$ 5,500.00	\$ 6,800.00	\$4,500.0
Pedestrian Push Button	Each	\$	800.00			\$ 300.00	\$200.0
RTB No Touch Push Button	Each	\$	1,100.00	\$ 546.00	\$ 600.00	\$ 1,000.00	\$545.0
Audible ped button only	Each	\$	900.00	\$ 588.00	\$ 800.00	\$ 900.00	\$590.
Audible ped system-includes power supply, ped button, bracket and speaker	Each	\$	1,100.00	\$ 1,176.00	\$ 1,100.00	\$ 1,200.00	\$1,175.
Audible ped chirper	Each	\$	600.00	\$ 468.00	\$ 500.00	\$ 500.00	\$465.
Bimodal Ped indication	Each	\$	300.00	\$ 150.00	\$ 150.00	\$ 200.00	\$150.
Bimodal countdown ped indication	Each	\$	350.00	\$ 150.00	\$ 250.00	\$ 250.00	\$150.
120 volt 8 pin octal base relays	Each			\$ 62.40	\$ 50.00	\$ 250.00	\$65.0
1-1/2 inch rigid steel conduit	Linear Foot	\$	50.00	\$ 7.20	\$ 8.00	\$ 48.00	\$18.0
2-inch rigid steel conduit	Linear Foot	\$	60.00	\$ 8.40	1	\$ 68.00	\$22.
1-1/2 steel 90 Elbow	Each	\$	15.00	† ·	1	\$ 400.00	\$40.
2-inch steel 90 Elbow	Each	\$	20.00	\$ 21.60		\$ 600.00	\$45.
3-inch PVC conduit	Linear Foot	\$	45.00	\$ 8.70	1	\$ 120.00	\$5.
100-amp meter trim with bypass handle	Each	\$	600.00	\$ 75.00		\$ 1,000.00	\$750.0
5 pin flasher	Each				\$ 220.00	\$ 1,200.00	
Pedestal Pole (10 Foot)	Each	\$	700.00	\$ 716.00	1	\$ 1,200.00	\$720.
Pedestal Pole (7 Foot)	Each	\$	900.00	\$ 648.00	\$ 700.00	\$ 1,000.00	\$650.
Pedestal Pole Base	Each	\$	450.00	\$ 288.00		\$ 600.00	\$288.
Replacement for Mercury Relay for Signal Buss	Each				\$ 300.00	\$ 2,500.00	
Econolite ZincBlue2 Battery	Each				\$ 6,500.00	\$ 6,500.00	
ND FOUNDATIONS (furnish, deliver and install parts)							
Wood poles 40 foot with guys	Each	\$	5,000.00	\$ 1,600.00	\$ 3,000.00	\$ 5,800.00	\$2,000.
Wood poles 45 foot with guys	Each	\$	5,500.00	\$ 1,900.00	\$ 3,500.00	\$ 6,600.00	\$2,500.
18"x5' Concrete Foundation	Each	\$	2,400.00		\$ 2,500.00	\$ 2,600.00	\$1,200.0

Item Description		Ele	ectric Light	Lajoie Electric & Control Service, Inc	Amı	pire Electric	Dagle Electrical Construction Corp	Frazier Signal Technologies
20"x5'6" Concrete Foundation	Each	\$	2,600.00		\$	2,800.00	\$ 2,800.00	\$1,500.00
24"x7' Concrete Foundation	Each	\$	4,500.00		\$	3,200.00	\$ 3,200.00	\$2,500.00
30" Concrete Foundation	Each	\$	1,500.00		\$	9,500.00	\$ 1,200.00	
36" Concrete Foundation	Each	\$	1,800.00		\$	10,500.00	\$ 1,400.00	
Manitoba Safety T-base or approved equal	Each	\$	900.00		\$	1,500.00	\$ 2,500.00	
Remove and replace traffic signal pole (steel or alum)	Lump sum	\$	2,000.00		\$	9,700.00	\$ 2,500.00	\$20,000.00
Remove and replace traffic signal mast arm 10 feet to less than 20 feet	Lump sum	\$	40,000.00	\$ 18,150.00	\$	21,960.00	\$ 21,000.00	\$20,000.00
Remove and replace traffic signal mast arm 20 feet to less than 30 feet	Lump sum	\$	45,000.00	\$ 19,690.00	\$	23,435.00	\$ 34,000.00	\$22,000.00
Remove and replace traffic signal mast arm 30 feet to less than 40 feet	Lump sum	\$	50,000.00	\$ 20,790.00	\$	26,433.00	\$ 48,000.00	\$23,000.00
Remove and replace traffic signal mast arm 40 feet to less than 50 feet	Lump Sum	\$	55,000.00	\$ 23,375.00	\$	29,032.00	\$ 62,000.00	\$25,500.00
Remove and replace traffic signal mast arm 50 feet and above	Lump Sum	\$	65,000.00	\$ 26,400.00	\$	42,007.00	\$ 68,000.00	\$28,900.00
Traffic signal foundation patching / repair	Lump Sum				\$	2,900.00	\$ 2,500.00	
Traffic signal pole /mast arm repair	Lump Sum				\$	42,007.00	\$ 12,000.00	
Frangible Coupling Breakaway Transformer Base	Each	\$	8,000.00		\$	4,500.00	\$ 1,800.00	
7) LIGHTING AND WIRING (furnish and deliver parts)								
# 8 copper stranded Thwn various colors per foot	Linear Foot	\$	9.00		\$	1.50	\$ 4.00	\$0.75
# 6 copper stranded Thwn various colors per foot	Linear Foot	\$	10.00		\$	2.00	\$ 5.00	\$1.25
# 4 copper stranded Thwn various colors per foot	Linear Foot	\$	12.00		\$	2.50	\$ 7.00	\$1.75
# 2 copper stranded Thwn various colors per foot	Linear Foot	\$	14.00		\$	4.00	\$ 12.00	\$2.50
# 1ot copper stranded Thwn various colors per foot	Linear Foot				\$	6.00	\$ 18.00	\$3.00
PVC Schedule 40 1 ½ inch	Linear Foot	\$	38.00		\$	2.80	\$ 100.00	\$3.75
PVC Schedule 80 1 ½ inch	Linear Foot	\$	42.00		\$	3.10	\$ 110.00	\$4.00
PVC Schedule 40 2 inch	Linear Foot	\$	44.00		\$	3.35	\$ 105.00	\$4.00
PVC Schedule 80 2 inch	Linear Foot	\$	46.00		\$	4.95	\$ 110.00	\$5.00
Directional Boring	Linear Foot	\$	95.00		\$	60.00	\$ 320.00	
Junction Box (23,000 lb load rating, see MDOT Standard Details)	Linear Foot	\$	1,800.00		\$	800.00	\$ 3,750.00	\$1,500.00
Bracket arms for light poles	Linear Foot	\$	3,600.00		\$	500.00	\$ 800.00	\$240.00
Trenching 3 feet deep	Linear Foot	\$	32.00		\$	10.00	\$ 160.00	\$40.00
B) OTHER								
Parts Markup on Unlisted Items	%		15	20		9.5	15	20