

Contract ID: PH20191113ELM

Letting date: December 11, 2019

TOWN: STATEWIDE

Contract Description: ELECTRICAL LIGHTING MAINTENANCE WORK

Vendors	Service Area denoted with "X"				
	Region 1	Region 2	Region 3	Region 4	Region 5
Border Electric, Inc.				X	
LaJoie Electric & Control Service, Inc.				X	X
NDC Communications LLC	X	X	X	X	X
Ampire Electric	X	X	X	X	X
Hedstrom Electric PC	X	X	X	X	X

	Border Electric	LaJoie Electric	NDC Comm.	Ampire Electric	Hedstrom Electric
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1) TRAFFIC CONTROL

Item	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump Sum	\$1,230.00	\$2,400.00	\$1,580.00	\$1,050.00	\$1,700.00
Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump Sum	\$925.00	\$1,800.00	\$1,580.00	\$1,050.00	\$1,400.00
Flagger	Hour	\$25.00	\$45.00	\$38.00	\$40.00	\$40.00

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2) LABOR

Hourly Labor (for trouble shooting)	Hour	\$105.00	\$65.00	\$112.00	\$85.00	\$100.00
General Electrical Lighting Work	Hour	\$75.00	\$65.00	\$112.00	\$85.00	\$80.00

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3) TRAVEL TIME						
Item	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
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			\$1,259.00	\$375.00	\$600.00
Travel to region 1 with an equipment van to do general electrical work in Region facilities	Lump Sum			\$1,039.00	\$325.00	\$350.00
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			\$768.00	\$460.00	\$300.00
Travel to region 2 with an equipment van to do general electrical work in Region facilities	Lump Sum			\$643.00	\$430.00	\$200.00
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			\$1,070.00	\$450.00	\$600.00
Travel to Region 3 with an equipment van to do general electrical work in Region facilities	Lump Sum			\$875.00	\$450.00	\$350.00
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	\$290.00	\$500.00	\$916.00	\$900.00	\$600.00
Travel to region 4 with an equipment van to do general electrical work in Region facilities	Lump Sum	\$250.00	\$460.00	\$756.00	\$850.00	\$350.00
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		\$250.00	\$1,196.00	\$1,350.00	\$1,000.00
Travel to Region 5 with an equipment van to do general electrical work in Region facilities	Lump Sum		\$230.00	\$976.00	\$1,000.00	\$700.00
Mobilization for Trenching in Region 1 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum			\$1,372.00	\$400.00	\$2,500.00

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3) TRAVEL TIME (Continued)						
Item	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Mobilization for Trenching in Region 2 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum			\$830.00	\$510.00	\$1,500.00
Mobilization for Trenching in Region 3 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum			\$1,168.00	\$500.00	\$2,500.00
Mobilization for Trenching in Region 4 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum			\$996.00	\$950.00	\$2,500.00
Mobilization for Trenching in Region 5 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum			\$1,306.00	\$1,400.00	\$3,500.00
Mobilization for Directional Boring in Region 1 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum					\$3,000.00
Mobilization for Directional Boring in Region 2 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum					\$3,000.00
Mobilization for Directional Boring in Region 3 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum					\$3,000.00
Mobilization for Directional Boring in Region 4 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum					\$3,000.00
Mobilization for Directional Boring in Region 5 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump Sum					\$5,000.00

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4) LIGHTING COMPONENTS

Item	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Battery cabinet type P216	Each	\$885.00		\$1,380.00		\$1,300.00
Controller Cabinet Type M	Each	\$2,160.00		\$2,175.00	\$3,300.00	\$2,700.00
Controller Cabinet Type P	Each	\$3,830.00		\$2,700.00	\$4,400.00	\$3,600.00
Controller Cabinet Type F	Each	\$325.00		\$1,245.00	\$850.00	\$900.00
Span wire (5/16 inch)	Linear Foot				\$6.00	\$6.00
Span wire mount bracket	Each				\$320.00	\$260.00
Tether wire (1/4 inch)	Linear Foot				\$5.00	\$5.00
Tether Clamp Assembly	Each				\$90.00	\$115.00
Strand vise (5/16 inch)	Each				\$25.00	\$80.00
Solar panel (45 watt) with mounting brackets	Each	\$470.00		\$700.00		\$500.00
Junction Box (23,000 lb load rating, see MDOT Standard Details)	Each				\$700.00	\$900.00
Light fixture (Mongoose Type) full IES cutoff for 150 watt high pressure sodium	Each	\$900.00		\$785.00	\$800.00	\$800.00
Light fixture (Mongoose Type) full IES cutoff for 250 watt high pressure sodium	Each	\$930.00		\$868.00	\$800.00	\$900.00
Light fixture (Mongoose Type) full IES cutoff for 150 watt Metal Halide	Each	\$890.00		\$785.00		\$800.00
Light fixture (Mongoose Type) full IES cutoff for 250 watt Metal Halide	Each	\$915.00		\$868.00		\$900.00
Light fixture (Cobrahead Type) full IES cutoff for 150 watt high pressure sodium	Each	\$375.00		\$369.00	\$420.00	\$500.00
Light fixture Cobrahead Type) full IES cutoff for 250 watt high pressure sodium	Each	\$390.00		\$659.00	\$420.00	\$600.00
Light fixture (Cobrahead Type) full IES cutoff for 150 watt Metal Halide	Each	\$350.00		\$369.00		\$500.00
Light fixture Cobrahead Type) full IES cutoff for 250 watt Metal Halide	Each	\$350.00		\$659.00		\$600.00
Tenon arms for light poles (from tenon to side)	Each				\$300.00	\$400.00
480 volt 100 amp lighting service on pole with lighting contactor and twist lock photocell	Each				\$5,000.00	\$6,200.00
480 volt lighting service with 50 amp breaker	Each				\$4,500.00	\$6,200.00
240 volt lighting service with 50 amp breaker	Each				\$3,000.00	\$5,000.00
240 volt lighting service with 100 amp breaker	Each				\$3,000.00	\$5,000.00
150 Watt High Pressure Sodium Bulb (IES distribution Type 2)		\$50.00		\$308.00	\$100.00	\$120.00
150 Watt High Pressure Sodium Bulb (IES distribution Type 3)		\$50.00		\$318.00	\$100.00	\$120.00

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4) LIGHTING COMPONENTS (Continued)						
Light Fixture LSR4-CW-R3(480)2B-GR- Lighting Science roadway fixture led to replace 150 watt high pressure sodium 480 volt fixture	Each	\$2,025.00		\$396.00		
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 120 -240 volt high pressure sodium Type II	Each	\$1,550.00		\$900.00	\$1,400.00	\$1,500.00
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 480 volt high pressure sodium Type II	Each	\$1,550.00		\$927.00	\$1,400.00	\$1,700.00
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 120- 240 volts Type 2	Each			\$369.00	\$1,000.00	\$1,500.00
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 240 480 volts Type 2	Each			\$396.00	\$1,000.00	\$1,700.00
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 240 480 volts Type 3	Each			\$396.00	\$1,000.00	\$1,700.00
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 120-240 volts Type 3	Each			\$369.00	\$1,000.00	\$1,500.00
Dual breakaway fuse kits for highway lighting including fuses	Each				\$160.00	\$170.00

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5) POLES AND FOUNDATIONS

Item	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
40 foot aluminum light pole	Each	\$4,300.00				\$5,000.00
Class 4 Wood poles 40 foot with guys	Each					\$2,500.00
Class 4 Wood poles 45 foot with guys	Each					\$3,000.00
18" Concrete Foundation	Each					\$1,600.00
24" Concrete Foundation	Each					\$2,000.00
30" Concrete Foundation	Each					\$2,500.00
Manitoba Safety T-base or approved equal	Each	\$650.00				\$1,000.00
Foundation patching/repair	Lump Sum					\$2,000.00
Frangible Coupling Breakaway Transformer Base	Each	\$650.00				\$1,300.00

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6) LIGHTING AND WIRING

Item	Unit	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
# 8 copper stranded Thwn various colors per foot	Linear Foot		\$0.66	\$0.52	\$1.50	\$0.75
# 6 copper stranded Thwn various colors per foot	Linear Foot		\$0.81	\$0.81	\$2.00	\$1.10
# 4 copper stranded Thwn various colors per foot	Linear Foot		\$1.78	\$1.20	\$3.00	\$1.50
# 2 copper stranded Thwn various colors per foot	Linear Foot		\$2.69	\$1.79	\$4.00	\$2.20
# 1ot copper stranded Thwn various colors per foot	Linear Foot		\$3.69	\$2.25	\$5.00	\$3.50
PVC Schedule 40 1 ½ inch	Linear Foot		\$0.98	\$1.02	\$1.00	\$1.90
PVC Schedule 80 1 ½ inch	Linear Foot		\$1.40	\$1.32	\$1.50	\$2.50
PVC Schedule 40 2 inch	Linear Foot		\$1.75	\$1.20	\$1.50	\$2.00
PVC Schedule 80 2 inch inch	Linear Foot		\$2.25	\$1.93	\$2.00	\$3.00
Directional Boring	Linear Foot					\$80.00
Junction Box (23,000 lb load rating, see MDOT Standard Details	Each				\$700.00	\$900.00
Bracket Arms for Light Poles	Linear Foot					\$110.00
Trenching 3 Feet deep	Linear Foot			\$10.00	\$12.00	\$50.00

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7) MISCELLANEOUS

M cabinet and 80 wall solar panel mounted on a 20 foot 6x6 pressure treated post (installed)	Each				\$5,000.00	\$5,600.00
Parts Markup on items not listed above	%	25%	20%	15%	5%	15%