

		Ampire Electric	Dagle Electric	Electric Light	Frazier Signal Technologies	Hedstrom Electric	NDC Communications
Item	Unit	Price	Price	Price	Price	Price	Price
1) TRAFFIC CONTROL							
Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump sum	\$1,200.00	\$2,500.00	\$3,500.00	\$1,600.00	\$2,500.00	\$1,738.00
Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum	\$1,200.00	\$2,500.00	\$3,500.00	\$1,500.00	\$2,000.00	\$1,738.00
Traffic Control for a 2-way road (Including signs, drums, cones)	Lump sum	\$1,000.00	\$2,100.00	\$2,500.00	\$1,300.00	\$2,000.00	\$1,738.00
Traffic Control for Interstate Shoulder Closure (Including signs, drums, cones)	Lump sum	\$2,500.00	\$4,800.00	\$2,500.00	\$3,000.00	\$6,000.00	\$1,738.00
Flagger	Hour	\$50.00	\$56.00	\$45.00	\$45.00		\$45.00
2) LABOR							
Hourly Labor (for trouble shooting)	Hour	\$100.00	\$154.00	\$120.00	\$135.00	\$150.00	\$125.00
General Electrical work per hour in MDOT Region facilities	Hour	\$100.00	\$149.00	\$120.00	\$135.00	\$110.00	\$125.00
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)	Lump sum	\$400.00	\$600.00	\$1,000.00	\$975.00	\$900.00	\$1,400.00
Travel to Region 1 with an equipment van to do general electrical work in Region facilities	Lump sum	\$400.00	\$500.00	\$1,000.00	\$950.00	\$700.00	\$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	\$350.00	\$600.00	\$1,500.00	\$650.00	\$700.00	\$850.00
Travel to Region 2 with an equipment van to do general electrical work in Region facilities	Lump sum	\$300.00	\$500.00	\$1,500.00	\$485.00	\$500.00	\$725.00
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	\$400.00	\$600.00	\$3,000.00	\$750.00	\$1,000.00	\$1,200.00
Travel to Region 3 with an equipment van to do general electrical work in Region facilities	Lump sum	\$300.00	\$700.00	\$3,000.00	\$650.00	\$800.00	\$975.00
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	\$600.00	\$1,600.00	\$5,000.00	\$200.00	\$1,000.00	\$1,000.00
Travel to Region 4 with an equipment van to do general electrical work in Region facilities	Lump sum	\$400.00	\$1,500.00	\$5,000.00	\$100.00	\$800.00	\$850.00
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	\$1,000.00	\$2,400.00	\$7,000.00	\$550.00	\$1,500.00	\$1,300.00
Travel to Region 5 with an equipment van to do general electrical work in Region facilities	Lump sum	\$700.00	\$2,100.00	\$7,000.00	\$475.00	\$1,200.00	\$1,100.00
Mobilization for Trenching in Region 1 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$1,000.00	\$1,400.00	\$2,000.00	\$975.00	\$2,500.00	\$1,500.00
Mobilization for Trenching in Region 2 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$1,000.00	\$1,400.00	\$3,000.00	\$650.00	\$2,000.00	\$900.00
Mobilization for Trenching in Region 3 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$1,000.00	\$2,100.00	\$3,000.00	\$750.00	\$3,000.00	\$1,250.00
Mobilization for Trenching in Region 4 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$2,000.00	\$3,900.00	\$5,000.00	\$250.00	\$3,000.00	\$1,100.00
Mobilization for Trenching in Region 5 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$2,000.00	\$4,800.00	\$5,000.00	\$550.00	\$4,000.00	\$1,430.00
Mobilization for Directional Boring in Region 1 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$3,000.00		\$2,000.00		\$5,000.00	
Mobilization for Directional Boring in Region 2 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$3,000.00		\$3,000.00		\$5,000.00	
Mobilization for Directional Boring in Region 3 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$3,000.00		\$3,000.00		\$6,000.00	
Mobilization for Directional Boring in Region 4 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$4,000.00		\$5,000.00		\$6,000.00	
Mobilization for Directional Boring in Region 5 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	\$5,000.00		\$5,000.00		\$8,000.00	
4) Lighting components (furnish and deliver parts)							
Battery cabinet type P216	Each	\$1,300.00	\$3,900.00	\$6,000.00		\$1,700.00	
Controller Cabinet Type M	Each	\$2,200.00	\$5,000.00	\$22,000.00	\$35,000.00	\$3,300.00	
Controller Cabinet Type P	Each	\$3,600.00	\$6,500.00	\$26,000.00	\$40,000.00	\$4,400.00	
Controller Cabinet Type F	Each	\$900.00	\$1,800.00	\$18,000.00		\$1,300.00	
Span wire (5/16 inch)	Linear Foot	\$6.50	\$12.00	\$8.00	\$10.00	\$15.00	
Span wire mount bracket	Each	\$320.00	\$440.00	\$600.00	\$75.00	\$400.00	
Tether wire (1/4 inch)	Linear Foot	\$5.00	\$9.00	\$6.00	\$8.00	\$10.00	
Tether Clamp Assembly	Each	\$100.00	\$150.00	\$600.00	\$20.00	\$200.00	
Strand vise (5/16 inch)	Each	\$60.00	\$60.00	\$100.00	\$75.00	\$150.00	
Solar panel (45 watt) with mounting brackets	Each	\$600.00	\$450.00	\$2,800.00		\$800.00	
Junction Box (22,000 lb load rating, see MDOT Standard Details)	Each	\$750.00	\$1,450.00	\$1,800.00	\$1,000.00	\$1,200.00	
Tenon arms for light poles (from tenon to side)	Each	\$300.00	\$360.00	\$1,800.00		\$500.00	
480 volt 100 amp lighting service on pole with lighting contactor and twist lock photocell	Each	\$6,000.00	\$4,800.00	\$9,800.00	\$3,500.00	\$8,000.00	
480 volt lighting service with 50 amp breaker	Each	\$6,000.00	\$4,600.00	\$5,800.00	\$3,500.00	\$8,000.00	
240 volt lighting service with 50 amp breaker	Each	\$5,000.00	\$4,100.00	\$4,800.00	\$350.00	\$5,000.00	
240 volt lighting service with 100 amp breaker	Each	\$5,000.00	\$4,300.00	\$4,800.00	\$350.00	\$5,000.00	
Light fixture LSR4-CW-R3(480)2B-GR-. Lighting Science roadway fixture led to replace 150 watt high pressure sodium 480 volt fixture	Each	\$1,000.00	\$1,200.00	\$1,150.00	\$375.00	\$2,300.00	
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 120 -240 volt high pressure sodium Type II	Each	\$900.00	\$1,400.00	\$1,150.00	\$375.00	\$1,800.00	\$2,200.00
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 480 volt high pressure sodium Type II	Each	\$1,000.00	\$1,400.00	\$1,150.00	\$390.00	\$2,000.00	\$2,200.00
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 120- 240 volts Type II	Each	\$1,000.00	\$1,400.00	\$1,150.00	\$260.00	\$1,500.00	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 240 480 volts Type II	Each	\$1,000.00	\$1,400.00	\$1,150.00	\$290.00	\$1,500.00	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 240 480 volts Type 3	Each	\$1,000.00	\$1,400.00	\$1,150.00	\$290.00	\$1,500.00	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 120-240 volts Type 3	Each	\$1,000.00	\$1,400.00	\$1,150.00	\$260.00	\$1,500.00	
Dual breakaway fuse kits for highway lighting including fuses	Each	\$160.00	\$125.00	\$150.00		\$150.00	
5) POLES AND FOUNDATIONS (furnish, deliver and install)							
40 foot aluminum light pole	Each	\$7,000.00	\$7,600.00	\$7,800.00	\$15,000.00	\$10,000.00	
Class 4 Wood poles 40 foot with guys	Each	\$2,400.00	\$2,900.00	\$4,800.00	\$1,800.00	\$3,500.00	
Class 4 Wood poles 45 foot with guys	Each	\$2,800.00	\$3,800.00	\$5,800.00	\$2,200.00	\$4,000.00	
18" Concrete Foundation	Each	\$3,500.00	\$2,900.00	\$3,800.00	\$1,800.00	\$4,000.00	
24" Concrete Foundation	Each	\$4,200.00	\$3,800.00	\$4,800.00	\$2,200.00	\$6,000.00	
30" Concrete Foundation	Each	\$4,900.00	\$6,800.00	\$5,800.00	\$2,600.00	\$12,000.00	
Manitoba Safety T-base or approved equal	Each	\$1,500.00	\$1,750.00	\$800.00		\$1,000.00	
Foundation patching / repair	Lump sum	\$1,900.00	\$3,600.00	\$3,800.00		\$2,000.00	
Frangible Coupling Breakaway Transformer Base	Each	\$1,900.00	\$2,850.00	\$4,800.00		\$1,400.00	
6) LIGHTING AND WIRING (furnish and deliver parts)							
# 8 copper stranded Thwn various colors per foot	Linear Foot	\$1.00	\$3.00	\$4.75	\$0.65	\$1.00	\$0.80
# 6 copper stranded Thwn various colors per foot	Linear Foot	\$1.25	\$4.00	\$5.25	\$0.99	\$1.50	\$1.15
# 4 copper stranded Thwn various colors per foot	Linear Foot	\$2.00	\$5.00	\$5.75	\$1.50	\$2.50	\$1.50
# 2 copper stranded Thwn various colors per foot	Linear Foot	\$2.50	\$7.00	\$6.75	\$2.30	\$3.50	\$1.93
# 1ot copper stranded Thwn various colors per foot	Linear Foot	\$4.00	\$10.00	\$7.50	\$3.10	\$5.00	\$3.00
PVC Schedule 40 1 1/2 inch	Linear Foot	\$2.50	\$12.00	\$26.50	\$2.14	\$2.00	\$2.15
PVC Schedule 80 1 1/2 inch	Linear Foot	\$4.00	\$14.00	\$28.50	\$3.75	\$3.00	\$3.42
PVC Schedule 40 2 inch	Linear Foot	\$3.50	\$16.00	\$31.50	\$2.80	\$3.00	\$2.64
PVC Schedule 80 2 inch	Linear Foot	\$5.00	\$18.00	\$34.50	\$4.15	\$4.00	\$3.85
Directional Boring	Linear Foot	\$100.00		\$69.00		\$100.00	
Bracket arms for light poles	Linear Foot		\$1,200.00	\$1,500.00		\$500.00	
Trenching 3 feet deep	Linear Foot	\$10.00	\$140.00	\$28.50	\$50.00	\$30.00	\$10.00
7) Miscellaneous (furnish, deliver and install)							
M cabinet and 80 watt solar panel mounted on a 20 foot 6x6 pressure treated post (installed)	Each	\$5,000.00	\$8,800.00	\$16,500.00		\$6,000.00	
Parts markup on items not listed above	Percent	13%	20%	5%	20%	15%	