

SCHEDULE OF ITEMS

The Work consist of troubleshooting, repairing and maintaining Electrical Lighting on an as-needed basis.

The Department may award contracts to all the responsive, responsible bidders that have the ability to respond in a timely manner, are adequately experienced and qualified to perform required tasks and meet the specified Contractor Requirements. The contract(s) may be extended for up to three additional 1-year periods at the Department's discretion, and upon mutual agreement with the Contractor(s).

Bidding Requirements

Bidders shall ensure that all information required herein is submitted with this bid. Inaccurate information or failure to provide all completed and required information may result in the bid being disqualified as non-responsive. The Department reserves the right to reject any or all bids.

Bid Prices and Schedule of Items Requirements

Bidders shall complete and submit the Schedule of Items. No variations or alterations should be made on the Schedule of Items. Regions 1 thru 5 are as shown on maps found in this bid book.

Sections 1 and 2 - Bidders must bid every item in Sections 1 and 2.

Section 3 - Bidders shall only bid items for Regions that they propose to work in. Bidders are not required to bid all regions.

Sections 4 through 7 - Bidders may bid any or all items for which they are qualified. Bidders must be capable of performing the work or installing the items for which they submit a bid.

In order for bids to be accepted, they shall meet the following criteria:

1. Bids shall be signed.
2. Prices shall be provided and legible.
3. Bids shall be delivered to the precise location and by the precise time set forth in the Notice to Contractors or any applicable Bid Amendment.

Bids are not accepted by email or FAX. If a paper Bid is to be sent express, please take note that overnight services do not always arrive in time. Packages using express services should be sent to Maine Department of Transportation, 24 Child Street, Augusta, Maine.

See bid instructions on page three of the bid book.

SCHEDULE OF ITEMS

Contractor _____

Item	Unit	Price
1) TRAFFIC CONTROL		
Traffic Control for 4 way intersection (Including signs, drums, cones)	Lump sum	
Traffic Control for 3 way intersection (Including signs, drums, cones)	Lump sum	
Traffic Control for a 2-way road (Including signs, drums, cones)	Lump sum	
Traffic Control for Interstate Shoulder Closure (Including signs, drums, cones)	Lump sum	
Flagger	Hour	
2) LABOR		
Hourly Labor (for trouble shooting)	Hour	
General Electrical work per hour in MDOT Region facilities	Hour	
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	
Travel to Region 1 with an equipment van to do general electrical work in Region facilities	Lump sum	
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	
Travel to Region 2 with an equipment van to do general electrical work in Region facilities	Lump sum	
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	

Item	Unit	Price
Travel to Region 3 with an equipment van to do general electrical work in Region facilities	Lump sum	
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	
Travel to Region 4 with an equipment van to do general electrical work in Region facilities	Lump sum	
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	
Travel to Region 5 with an equipment van to do general electrical work in Region facilities	Lump sum	
Mobilization for Trenching in Region 1 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Trenching in Region 2 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Trenching in Region 3 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Trenching in Region 4 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Trenching in Region 5 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Directional Boring in Region 1 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Directional Boring in Region 2 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Directional Boring in Region 3 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Directional Boring in Region 4 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	
Mobilization for Directional Boring in Region 5 (actual trenching is charged by linear foot in Lighting and Wiring below)	Lump sum	

Item	Unit	Price
4) Lighting components (<i>furnish and deliver parts</i>)		
Battery cabinet type P216	Each	
Controller Cabinet Type M	Each	
Controller Cabinet Type P	Each	
Controller Cabinet Type F	Each	
Span wire (5/16 inch)	Linear Foot	
Span wire mount bracket	Each	
Tether wire (1/4 inch)	Linear Foot	
Tether Clamp Assembly	Each	
Strand vise (5/16 inch)	Each	
Solar panel (45 watt) with mounting brackets	Each	
Junction Box (22,000 lb load rating, see MDOT Standard Details)	Each	
Tenon arms for light poles (from tenon to side)	Each	
480 volt 100 amp lighting service on pole with lighting contactor and twist lock photocell	Each	
480 volt lighting service with 50 amp breaker	Each	
240 volt lighting service with 50 amp breaker	Each	
240 volt lighting service with 100 amp breaker	Each	
Light fixture LSR4-CW-R3(480)2B-GR-. Lighting Science roadway fixture led to replace 150 watt high pressure sodium 480 volt fixture	Each	
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 120 -240 volt high pressure sodium Type II	Each	

Item	Unit	Price
Light fixture OVHB04LEDE8SL2 LED Cobrahead Cooper roadway fixture led to replace 150 watt 480 volt high pressure sodium Type II	Each	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 120- 240 volts Type II	Each	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 240 480 volts Type II	Each	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 240 480 volts Type 3	Each	
American electric Autobahn ATB2 Lighting fixture to replace 150 watt High pressure sodium (5000k) 120-240 volts Type 3	Each	
Dual breakaway fuse kits for highway lighting including fuses	Each	
5) POLES AND FOUNDATIONS <i>(furnish, deliver and install)</i>		
40 foot aluminum light pole	Each	
Class 4 Wood poles 40 foot with guys	Each	
Class 4 Wood poles 45 foot with guys	Each	
18" Concrete Foundation	Each	
24" Concrete Foundation	Each	
30" Concrete Foundation	Each	
Manitoba Safety T-base or approved equal	Each	
Foundation patching / repair	Lump sum	
Frangible Coupling Breakaway Transformer Base	Each	
6) LIGHTING AND WIRING <i>(furnish and deliver parts)</i>		
# 8 copper stranded Thwn various colors per foot	Linear Foot	
# 6 copper stranded Thwn various colors per foot	Linear Foot	
# 4 copper stranded Thwn various colors per foot	Linear Foot	
# 2 copper stranded Thwn various colors per foot	Linear Foot	

Item	Unit	Price
# 1ot copper stranded Thwn various colors per foot	Linear Foot	
PVC Schedule 40 1 ½ inch	Linear Foot	
PVC Schedule 80 1 ½ inch	Linear Foot	
PVC Schedule 40 2 inch	Linear Foot	
PVC Schedule 80 2 inch	Linear Foot	
Directional Boring	Linear Foot	
Bracket arms for light poles	Linear Foot	
Trenching 3 feet deep	Linear Foot	
7) Miscellaneous (<i>furnish, deliver and install</i>)		
M cabinet and 80 wall solar panel mounted on a 20 foot 6x6 pressure treated post (installed)	Each	
Parts markup on items not listed above	Percent	

By signing below, the Bidder (1) represents that the Bidder has examined the Contract Agreement contained in the Bid Documents, the Contract, all documents referenced in said Contract, and the site and scope of work, (2) does hereby bid and offer to enter into this contract to construct and/or perform the Work in strict accordance with the terms and conditions of this Contract at the unit prices bid in the attached "Schedule of Items", (3) represents that the Bidder has given the Department notice of any errors or ambiguities related to the documents or the work that have been discovered by the Bidder, (4) represents that the above-named organization is the legal entity entering into the resulting contract with the Department if they are awarded the contract and, (5) represents that the undersigned is authorized to enter contractual obligations on behalf of the above-named organization.

Bidder acknowledges that the properly completed and signed Schedule of Items provided with the Bid constitutes the Bidder's offer and that this offer shall remain open for 30 calendar days after the date of opening of bids.

The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

Use pen and ink to complete paper bids. Signatures shall be original. Stamped and copied signatures will not be accepted.

Signature

Date

(Print Bidder's Name and Title)