



CONTRACT DATA SHEET

Monroe County Division of Purchasing
200 County Office Building, Rochester NY 14614

TITLE: HIGHWAY LIGHTING REPAIR & ROUTINE MAINTENANCE

CONTRACT #: 0314-20 (4700007575)

CONTRACT DATES: 04/30/20 – 04/30/22

BUYER: SEAN WILCOX
PHONE: 585/753-1110
EMAIL: swilcox@monroecounty.gov

VENDOR(S): M. L. CACCAMISE ELECTRIC CORP.
721 PORTLAND AVENUE
ROCHESTER, NY 14621
PH: (585) 266-0330
FAX: (585) 266-0392

TERMS AND CONDITIONS

BID ITEM:

HIGHWAY LIGHTING REPAIR AND ROUTINE MAINTENANCE

FOR:

Department of Transportation

**PURCHASING
CONTACT:**

The Buyer/(s) identified below, are the sole points of contact regarding this Bid from the date of issuance until the bids are opened and the results made public.

Sean Wilcox
Monroe County Division of Purchasing
200 County Office Building
39 West Main Street
Rochester, NY 14614
Email: swilcox@monroecounty.gov

All requests for bid clarification must be submitted in writing to the Buyer referenced above and received no later than Noon (Eastern Standard Time) on **Thursday, April 2, 2020.**

All questions will be answered and documented in writing as an Addendum to the Bid. These will be sent out to all Bidders who received the original Bid no later than **Monday, April 6, 2020.**

DUPLICATE COPIES:

PLEASE SUBMIT YOUR BID IN DUPLICATE; THE ORIGINAL AND ONE (1) COPY.

BID INFORMATION:

At the time of bid, the bidder shall supply detailed specifications covering the item(s) contained herein and shall clearly indicate any areas in which item or items offered do not fully comply with the specifications contained herein.

**SUBMITTAL OF
FORMAL
PROPOSAL:**

Bid proposal must be legible and submitted in the original form, bearing an original signature. **EMAILS AND FACSIMILES ARE NOT ACCEPTABLE.**

All bidders must submit proof that they have obtained the required **Workers' Compensation and Disability Benefits Insurance** coverage or **PROOF** that they are exempt if awarded the contract. (Visit www.wcb.ny.gov for forms.)

**SPECIFICATION
ALTERATIONS:**

Specifications will be construed to be complete and be considered the entire description of the goods or services upon which Monroe County is now seeking bids. **Only formal written addenda can materially alter this set of specifications.** No verbal statement made by a Monroe County employee or anyone else is binding nor shall such statement be considered an official part of this public bid proposal.

NYS WAGE RATES:

Pursuant to the provision of Section 220-A of the New York State Labor Law, as amended, the Contractor (and related Subcontractors) will be obligated to pay all workers in the covered classes only the applicable prevailing wage rates and supplements. The minimum hourly wage rate to be paid the various classes of labor performing work under this contract shall be in accordance with schedules which have been established or may hereafter be established or increased, by the New York State Department of Labor during the contract term. **Refer to NYS Wage Schedule PRC#2020003658 developed for this project.**

QUANTITIES:

The quantities listed are the estimated annual requirements and should not be construed to represent either maximum or minimum quantities to be ordered during the contract term. **Estimates are based upon actual annual usage by County departments only.**

BRAND REFERENCE:

References to a manufacturer's product by brand name or number are done solely to establish the minimum quality and performance characteristics required. Bidders may submit bids on alternates, but must attach two (2) copies of manufacturer specifications for any alternate at the time of the bid. Further, the bidder must demonstrate that the alternate proposed has a sufficient operating track record to show the equipment will perform per the specified brand. The acceptance of a bidder's alternate rests solely with Monroe County.

QUALIFIED BIDDER:

Each bidder must be prepared to present satisfactory proof of his capacity and ability to perform this contract. Such proof may include, but is not limited to, an inspection of the bidder's facilities and equipment, financial statements, references and performance of similar contracts. **The Purchasing Manager reserves the right to reject any bid where the bidder cannot satisfy the County as to their ability to perform. Monroe County reserves the right to reject any and all bids** if the Monroe County Purchasing Manager deems said action to be in the best interests of Monroe County.

**METHOD OF
AWARD:**

Monroe County intends to award one or more contract(s) to the lowest responsive and responsible bidder(s). The County reserves the right to award the bid as a **whole or by Section, depending on whichever method results in the lowest overall cost to the County. Separate awards will be considered only when the price offered is great enough to offset the additional costs inherent to multiple contracts.** Bidders are not required to bid on every Section included in the bid; however, they must bid on every item within each Section in order to be considered. The County reserves the right to reject any and all bids if the Purchasing Manager deems said action to be in the best interest of the County.

CONTRACT TERM:

Contract will start with the date of the contract award and run through **April 30, 2020**, with the option to renew the contract up to four (4) additional twelve (12) month periods with the mutual consent of both parties.

PRICE CHANGES:

Price changes may be proposed by either party no later than forty-five (45) days prior to contract extension, based upon manufacturer price changes which must be supported with documentation. Should price changes not be acceptable to both parties, the contract will not be extended. Prices may change only at the time of extension.

MINIMUM ORDER:

No minimum order is specified for this contract. Agencies must be able to order as needed. **Political subdivisions and others authorized by law may participate in this contract.**

**PURCHASE ORDER
ISSUANCE:**

Delivery of services may be directed by the receipt of a Purchase Order only. **Items that are not part of this bid will not be paid for by Monroe County.** As to all purchase orders issued by Monroe County, exceptions may only be authorized, in writing, by the Purchasing Manager or her authorized agent prior to delivery.

**BILLING
PROCEDURE:**

All invoices for items sold any authorized agency as a result of this contract must be billed in the following manner: Purchase Order #, Quantity, Description of Item Purchased, BP#, Item #, Extension and Total. **ALL INVOICES MUST BE MARKED WITH THE PURCHASE ORDER NUMBER. INVOICES WITHOUT THIS INFORMATION WILL NOT BE PROCESSED FOR PAYMENT.**

**WARRANTY/
GUARANTEE:**

All warranties by manufacturer shall apply. Bidder shall, as part of its proposal, furnish its warranty/guarantee for all goods/services to be furnished hereunder. As a minimum, Bidder shall warrant all goods for a period of one (1) year from date of acceptance. Bidder shall be obligated to repair or replace all defects in material or workmanship, which are discovered or exist during said period. All labor, parts and transportation shall be at Bidder's expense.

**PERFORMANCE
BOND**

The successful bidder shall procure, execute and deliver to the County and maintain at their own expense a Performance Bond in the amount of the contract, of surety company approved by the County and authorized to do business in the State of New York as a surety. The security can be in the form of a Certified Check, Bank Draft, Standard Form of Irrevocable Letter of Credit or Performance Bond.

**UNCONTEMPLATED
PURCHASES:**

Monroe County reserves the right to request separate bids for such quantities of items on this contract that may be best procured via separate public bid offering and to otherwise act in furthering its own best interests.

**SECURITIES AND
INSURANCE:**

Any Certificate of Insurance, Bonds or other forms of security required by this bid are to be submitted to the Purchasing Manager no later than ten (10) normal business days following the date of notification of award. Documents must be received by the close of business, 5:00 PM, on that day.

SUBCONTRACT:

The Contractor shall not subcontract any work without first obtaining the written consent of the Monroe County Purchasing Manager.

RELATED ITEMS:

The County reserves the right to add miscellaneous related items to this contract during the contract term upon agreement by both parties as to the price. Approval must be given in writing by the Purchasing Manager or her Designee.

**REPORT OF
PURCHASE:**

The Contractor must, upon request, provide the County Purchasing Manager with detailed information showing how much of each item was delivered, to any and all agencies under this contract. This includes deliveries to not only the County but any other municipality or agency which orders from this contract.

OTHER AGENCIES:

The Contractor(s) **must** honor the prices, terms and conditions of this contract with political subdivisions or districts located in whole or in part within Monroe County. In addition, the contractor **may**, but is not required to, extend the prices, terms and conditions of this contract to any other political subdivision or district. Usage of this contract by any of these other political subdivisions or districts will have to be coordinated between that subdivision or district and the contractor. Orders placed against this contract between any subdivision or district will be contracts solely between the Contractor(s) and those entities. Monroe County will not be responsible for, nor will it have any liability or other obligation for, such contract between the Contractor(s) and any third party.

INDEMNIFICATION:

The Contractor agrees to defend, indemnify and save harmless the County, its officers, agents, servants and employees from and against any and all liability, damages, costs or expenses, causes of action, suits, judgments, losses and claims of every name not described, including attorneys' fees and disbursements, brought against the County which may arise, be sustained or occasioned directly or indirectly by any person, firm or corporation arising out of or resulting from the performance of the services by the Contractor, arising from any act, omission or negligence of the Contractor, its agents and employees or arising from any breach or default by the Contractor under this Agreement. Nothing herein is intended to relieve the County from its own negligence or misfeasance or to assume any such liability for the County by the Contractor.

BP0314-20
SPECIFICATIONS FOR
HIGHWAY LIGHTING REPAIR AND ROUTINE MAINTENANCE

1.00 GENERAL:

1.01 SCOPE:

The Monroe County Department of Transportation is seeking a qualified bidder to perform highway lighting repair and routine monthly highway maintenance on equipment specified in section 1.04 and the unit price sheet. The work to be done under this contract and in accordance with these specifications consists of furnishing equipment, material, supervision, labor, technical knowledge and skills necessary to satisfactorily and safely complete the job. The bidder shall perform all work required for a thorough repair, and function check of the specified equipment; including the furnishing of all engineering necessary for the layout and execution of the work in accordance with these specification. No work shall be done without the expressed consent of the day-to-day supervisor of highway lighting or appointed designee. No field work will be done on the system during peak hours 6:00 A.M to 9:00 AM and 3:00 PM to 6:00 PM Monday through Friday. Normal working hours for preventative maintenance tasks are 9:00 PM to 5:00 AM. Normal working hours for Shop Repair work are 7:00 AM to 3:00 PM Monday through Friday.

Notwithstanding the details presented in these specifications, it is the responsibility of the bidder to verify the completeness of material lists and suitability of devices to meet the intent of the specifications. Any additional equipment or service required, even if not mentioned herein, shall be provided by the bidder without claims for additional payment; it being understood that a fully functional operating system, satisfactory to the user, is required.

1.02 LOCATION OF EQUIPMENT:

Monroe County Expressways and Highways

1.03 GENERAL CONDITIONS:

System Description

Monroe County owns highway lighting facilities along expressways within the County. The system is operated on 480/240 and/or 240/120 single phase voltage and includes but is not limited to the following equipment.

Currently, there are approximately 4500 luminaires within the system and 41 high mast poles consisting of the following types of equipment:

- a) Aluminum/steel poles - anchor based, transformer base, metal truss arms
- b) Poles – anchor based high mast
- c) Poles – wood
- d) Pole bases – concrete cast in place and pre-cast

- e) Luminaires – Cobra Heads - Wall – Paks Decorative
- f) Lamps – 70, 100, 150, 250, 400, 1000 watt high pressure sodium, metal halide, mercury vapor, and LEDs
- g) Photo control including 7200V line contactors
- h) 240/120 VAC transformers and load centers
- i) Conduit – steel, PVC 2, 3, 4, inch sizes, orangeburg
- j) Cable – triplex, copper and aluminum 600 VAC THHN, various sizes
- k) Pull Boxes – fiberglass and concrete.

1.04 PRE-BID MEETING:

A pre-bid meeting will be held on **Thursday, March 26, 2020 at 1:30 PM** at the Regional Traffic Operations Center, 1155 Scottsville Road, Rochester, NY.

This will be the only opportunity for the prospective bidders to meet with the County. Bidders shall notify the County by contacting Sean Wilcox by Email: swilcox@monroecounty.gov if they will be attending the pre-bid meeting.

1.05 PAST PERFORMANCE:

Bidders are reminded that they shall submit with their bid a description of their firm as it pertains to the repair and routine maintenance of highway lighting systems. Documentation to prove experience in performing work of similar size and scope must be included.

1.06 QUALIFICATIONS OF BIDDER:

- a) The bidder shall be a corporately and financially independent contractor organization which can function as unbiased installers of equipment or systems evaluated by the bidder.
- b) The bidder shall be regularly engaged in the repair and routine maintenance of highway lighting equipment devices installations and systems.
- c) The bidder shall use employees who are permanently employed by the firm for highway lighting and have sufficient electrical knowledge and experience to perform the tasks as described by this contract. In addition the bidder shall have a minimum of two (2) licensed master electricians one of which will be assigned full time to diagnose and repair maintenance items under this contract. The bidder shall provide copies of the Licenses as part of this contract.
- d) The bidder shall be responsible to provide adequate protection for "traffic and personnel" in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), the New York State Supplement to the MUTCD, and the work permit identified in Section 1.08.
- e) The bidder shall be responsible for transportation of material and equipment to and from the Monroe County Stock yard. The material and equipment is currently stocked at the Monroe County Fleet Center located at 145 Paul Rd, Rochester, NY 14624. Monroe County reserves the right to add stock yard locations at any time.

- f) Metal/wood pole and truss arm installation shall be performed by qualified workers licensed by the New York State Department of Labor (NYSDOL) with a line truck crane Operator Certificate. The bidder shall have two (2) such workers who are permanently employed by the firm. Copies of the Operator certificates shall be provided **prior** to award of a contract.

1.07 PERMITS:

The bidder will be working under a Monroe County permit issued by the New York State Department of Transportation and must abide by its conditions for all field work done under this contract.

1.08 NOTIFICATION OF WORK:

The bidder will receive a Monroe County issued work order, consisting of one or more line items, by fax, email or phone call. The bidder must provide a telephone number that is answered twenty four (24) hours per day, seven (7) days per week. Voice mail is not adequate as a means of contact.

a) Non emergency work notification

The bidder, upon receipt of a Monroe County issued work order, shall complete the entire work order within 20 working days. The bidder's availability of personnel, equipment and/or material will not be considered as a reason for not completing the work-order.

The day-to-day supervisor of highway lighting or appointed designee will notify the bidder of any work that will be paid as "time and material" under one of the hourly rate line items. Otherwise, all work will be paid by the task specific line items in this contract.

b) Emergency work

The bidder shall respond to any emergency twenty four (24) hours per day, seven (7) days per week for repairs when notified by Monroe County. Routine maintenance work shall not be considered emergency work.

The bidder will be required to guarantee arrival of a mobile service unit to the designated job site no later than two (2) hours after notification for emergency work.

c) Reports

The bidder shall submit daily work sheets to the day-to-day supervisor of highway lighting or appointed designee for signature. These daily work sheets will include work-order number, total labor hours for each individual worker, material used, and tasks completed with a brief description of work done.

The bidder will also submit an invoice to the day-to-day supervisor of highway lighting upon completion of each work orders with a breakdown of each task, material and labor, and the total cost of the work-order. The invoice shall be submitted no later than fifteen (15) calendar days following the completion of the work specified on the work order.

1.09 LIQUIDATED DAMAGES:

By entering a bid, the bidder acknowledges that a fully functional highway lighting system is essential to the safety of the public. The bidder further agrees that failure to maintain the highway lighting system and keeping it fully functional by not performing timely repairs, Monroe County will suffer damage, but such damage is not calculable.

Therefore, the bidder hereby agrees that the following liquidated damages will be adhered to:

- a) Not completing work within twenty (20) working days = seventy-five dollars (\$75.00) per day late fee, to be taken off subsequent pay application invoice(s) until the fee has been satisfied. If the work cannot be completed within twenty (20) working days of receipt of work order, the vendor shall notify the day-to-day supervisor of highway lighting or appointed designee by e-mail stating reasons for non-compliance. It will be up to the day-to-day supervisor of highway lighting or appointed designee to notify the vendor with agreement or disagreement of such reason and to waive the liquidated damage charge. Otherwise the liquidated damage charge shall be implemented.
- b) Not submitting daily work sheets for signature = twenty-five dollars (\$25.00) late fee per day, to be taken off subsequent pay application invoice(s) until the fee has been satisfied.
- c) Not submitting invoices within fifteen (15) calendar days of a work order for signature = twenty-five dollars (\$25.00) late fee per day, to be taken off subsequent pay application invoice(s) until the fee has been satisfied.

1.10 REPEAT CALLS:

Monroe County reserves the right to refuse payment to the bidder for a repeat call to same location for the same problem within a thirty (30) day period.

1.11 WARRANTY AND GUARANTEE:

The bidder shall warrant that the work performed conforms to the contract documents and is free of any defective equipment, material, or workmanship performed by the bidder or suppliers at any tier. Such warranty shall continue for two (2) years from the date of completion of work. Under this warranty, the bidder shall remedy any such failure to conform or any such defect at no expense to Monroe County. If the bidder does not promptly comply with the terms of the warranty or in an emergency situation where delay would cause serious risk of loss or damage, Monroe County may have the defective work corrected or removed or replaced and all direct and indirect costs shall be paid by the bidder.

1.12 INSPECTION:

All work under this contract shall be subject to inspection by a representative of Monroe County. This inspection shall not relieve the bidder of the responsibility to perform timely and quality work and to furnish the material in accordance with the standard specifications and supplementary specifications.

Inspection by a Monroe County representative shall not relieve the bidder's responsibility to conform to any code standards, including the National Electrical Code standards.

1.13 SAFETY:

The bidder shall, at a minimum, use the following Traffic and Personnel safety related codes.

- a) Occupational Safety & Health Administration (OSHA)
- b) National Fire Protection Association (NFPA)
- c) ANSI/NFPA 70 National Electrical Code (NEC)
- d) ANSI/NFPA 70B Electrical Equipment Maintenance
- e) NFPA 70E Electrical Safety Requirements for Employee Workplaces
- f) Manual on Uniform Traffic Control Devices (MUTCD)
- g) New York State Supplement to the MUTCD

The bidder shall also comply with any conditions specified on the permit issued by New York State Department of Transportation that is referenced in Section 1.07.

1.14 PROTECTION OF UTILITIES:

In accordance with New York State Code 753, the bidder shall give the various utility companies at least 48 hours notice before doing any work which may interfere with their operation. All utilities encountered during construction shall be protected and maintained in their existing locations.

The bidder shall assume all responsibility and costs for repairs or replacement of utilities damaged by bidder's employees. This work shall be done to the satisfaction of the owning utility.

1.15 MAINTENANCE AND PROTECTION OF TRAFFIC AND PUBLIC SAFETY:

In accordance with the MUTCD and the New York State Supplement to the MUTCD, the bidder shall be responsible for all safety equipment, including but not limited to procedures for traffic modifications necessary to complete the work. Monroe County will not be liable for any incidents or injuries occurring during the performance of Monroe County business.

1.16 SPECIAL VEHICLES/EQUIPMENT:

The bidder as part of this contract may require special type vehicles/equipment such as cranes, man-lifts; etc. Monroe County will reimburse the bidder for the actual cost of such specialized vehicles. The bidder will notify Monroe County before the actual renting of such vehicles and equipment occurs and will supply information in writing regarding rental cost and duration of rental.

All vehicles used on the expressway shall be high visibility in color and shall have beacon lights and strobes in a sufficient number.

The bidder shall have a vehicle and or equipment with the capability of setting a 70 ft pole, arm and luminaries.

The bidder shall have a bucket truck having a working height of at least 80 feet.

1.17 STANDARD PRODUCTS:

All replacement materials, equipment, retrofit equipment and accessories shall be new and unused. Remanufactured equipment may be acceptable in some cases, but only with the approval of the day-to-day supervisor of highway lighting or appointed designee. They shall be essentially the standard product of a manufacturer regularly engaged in the production of lighting and electrical equipment and material, and shall essentially duplicate material being used in Monroe County's expressway system. The County reserves the right to reject any material or equipment manufacturer who, although meets the above requirements, does not provide satisfactory evidence indicating adequate and prompt post installation and repair maintenance service as required to suit the operational requirement of the County.

Monroe County as part of this contract will provide the following materials.

- a) METAL POLES
- b) FIXTURES
- c) TRUSS ARMS
- d) POWER DOORS
- e) BREAK AWAY BASES
- f) LAMPS

- g) FIXTURES
- h) PHOTO CELLS
- i) POLE IDENTIFICATION STICKERS

The bidder will be able to purchase material, including the pick-up of any County supplied material listed above, when directed by the day-to-day supervisor of highway lighting or appointed designee to facilitate completing the work order. The bidder will charge the County five (5) percent over their cost for items purchased. The bidder shall provide a copy of the invoice to Monroe County for approval.

1.18 SCHEDULING:

All work shall be coordinated through the day-to-day supervisor of highway lighting operations or appointed designee. Any work-related problems shall be brought immediately to the attention of the day-to-day supervisor of highway lighting operations or appointed designee.

No scheduled field work of any kind can be done on the system during the hours of 6:00 AM to 9:00 AM and 3:00 PM to 6:00 PM Monday through Friday.

a) Highway Lighting Repair

Normal working hours for highway lighting repair work are between the hours of 9:00 AM and 3:00 PM Monday through Friday. No work shall be done at any facility without the expressed consent of the day-to-day supervisor of highway lighting or appointed designee.

b) Highway Lighting Routine Maintenance

Normal working hours for Outage Patrol/Repair work are between the hours of 9:00 PM and 5:00 AM. Normal working hours for Shop Repair work are between 7:00 AM and 3:00 PM Monday through Friday. No routine maintenance work shall be done at any facility without the expressed consent of the day-to-day supervisor of highway lighting or appointed designee.

1.19 SALVAGE

All disposal and/or salvage of materials/waste from this project is the responsibility of the bidder, in accordance with all applicable disposal laws.

2.00 PAY ITEMS:

Monroe County intends to award this contract in two (2) sections. **Bidders must bid on every item in a section to be considered responsive for that section.**

2.01 HIGHWAY LIGHTING REPAIR:

The following is a description of each Highway Lighting Repair line item. Any needed Maintenance and Protection of Traffic costs are to be included in Line Item 17 only and not within the other line items.

1. REPAIR KNOCKDOWN

Reset existing metal pole or set a new metal pole and truss arm and new frangible base if needed. Repair or replace anchor rods if needed. "Never Seize"™ all anchor rods nuts and bolts, to ensure that pole is straight (shim if necessary). Install fixture with lamp. Install new wiring and fuse kits and fuses if needed. Complete wiring and test. Affix pole numbers in accordance with County requirements.

2. REPLACE BREAKAWAY BASE

Remove existing pole, replace breakaway base with in kind or other as designated by the day-to-day supervisor of highway lighting or appointed designee. Ensure pole is straight. Repair or replace anchor rods if needed. "Never Seize"™ all nuts and bolts. Reset truss arm. Re-install fixture with lamp. Install new wiring and fuse kits and fuses if needed. Complete wiring and test. Affix pole numbers in accordance with County requirements. Dispose of all removed materials.

3. REMOVE CONCRETE FOUNDATION

Remove foundation from ground, install all conduits and wiring to keep circuit operational when needed. Provide protection of work site if left open. Dispose of base.

4. INSTALL CONCRETE FOUNDATION

Excavate site as needed, set or form base to accommodate all conduit necessary, install ground rod, backfill to grade and restore surface to original condition. Base specs shall be in accordance with the American Society for Testing and Materials (ASTM c1582/c1582m). This includes all labor and materials.

5. REPAIR PULLBOX

Repair pull box to proper functional condition and restore surface to grade. The bidder shall furnish and install the pull box ring and cover (supplied by Monroe County) and all additional excavation and material necessary to complete job.

6. REPLACE PULLBOX

Remove existing pull box and replace with complete new pull box. Restore surface to grade. The bidder shall furnish and install the pull box ring and cover (supplied by Monroe County) and all additional excavation and material necessary to complete job. The pull box cover shall bear the inscription "LIGHTING". Dispose of removed materials.

7. REPLACE FIXTURE WITH LAMP

Remove existing FIXTURE and return to Monroe County. Replace with new or rebuilt FIXTURE with lamp. Install new wiring, photocell, shorting caps and fuse kits if needed and complete wiring and test.

8. METAL POLE HAND HOLE COVER

Provide and install proper type hand hole cover.

9. BREAKAWAY BASE DOOR

Provide and install proper type break away base door.

10. OVERHEAD TRIPLEX CONDUCTORS

Provide and install #2 triplex with one #2 ASCR bane messenger including all necessary hardware to facilitate triplex support in accordance with ASTM B-232. Make all necessary connections.

11. EXCAVATE IN SOIL

Excavate as needed. Provide adequate protection of personnel and traffic. When work is complete, restore surface to proper grade, rake and re-seed.

12. EXCAVATE IN ASPHALT

Excavate as needed. Provide adequate protection of personnel and traffic. When work is complete, restore surface to original condition.

13. EXCAVATE ACROSS A ROADWAY

Excavate as needed. Provide adequate protection of personnel and traffic. When work is complete, restore the roadway to its original condition.

14. LABOR STRAIGHT TIME

Hourly rate for bidder's personnel to do maintenance/repairs and other maintenance tasks during the normal working hours identified in section 1.19a, "Highway Lighting Repair".

15. EMERGENCY SERVICE

Rate for bidder's personnel at two (2) times the hourly rate for 24/7 Emergency Response as requested by the day-to-day supervisor of highway lighting or appointed designee that is not within the normal working hours as identified in section 1.19a, "Highway Lighting Repair".

16. LABOR OVERTIME

Rate for bidder's personnel at one and one half (1.5) times the normal hourly rate after 8 hours per day and on Saturdays on a scheduled non emergency work order as designated by the day-to-day supervisor of highway lighting or appointed designee.

17. MAINTENANCE & PROTECTION OF TRAFFIC

Lump sum price to set up, maintain, and remove the appropriate shoulder and lane closures for each Highway Lighting Repair work order in accordance with the MUTCD, the New York State Supplement to the MUTCD, and the conditions of the NYSDOT work permit.

18. EMERGENCY CLEAN UP OF POLE KNOCKDOWN

The Bidder shall clean up and secure the knockdown at the direction of day-to-day supervisor of highway lighting or appointed designee within the time requirements set forth in this contract. Work required may include making area safe by securing live electrical wires, placing safety cone(s) or other warning devices if the pole is not replaced immediately and cleaning the site and disposing of glass and debris.

2.02 HIGHWAY LIGHTING ROUTINE MAINTENANCE

The following is a description of each Highway Lighting Routine Maintenance line item.

1. OUTAGE PATROL/REPAIRS AS ORDERED BY MONROE COUNTY

Hourly rate to conduct an outage patrol and repair individual light poles for the entire Monroe County expressway lighting system. Repair is to include, but is not limited to, lamp replacement, fuse and/or fuse kit replacement/repair, photo control/shorting cap replacement, power door replacement or repair, luminaire alignment, luminaire replacement, refractor replacement, rewiring of pole or any other malfunction within the pole, arm or pole base to get any individual poles relit properly. Any circuit, underground wiring or poles with no power to bases will be reported to the day-to-day supervisor for follow up repairs.

2. SHOP REPAIRS

Hourly rate for bidder's personnel to refurbish/rebuild luminaires and conduct other shop based maintenance and repair tasks during normal working hours.

BP #0314-20
HIGHWAY LIGHTING REPAIR AND ROUTINE MAINTENANCE
UNIT PRICE SHEET

SECTION A - HIGHWAY LIGHTING REPAIR

<u>Item #</u>	<u>Description</u>	<u>Unit Price</u>
1	REPAIR KNOCKDOWN	\$834.06/Each
2	REPLACE BREAKAWAY BASE	\$683.83/Each
3	REMOVE CONCRETE FOUNDATION	\$906.59/Each
4	INSTALL CONCRETE FOUNDATION	\$2004.85/Each
5	REPAIR PULL BOX	\$1067.18/Each
6	REPLACE PULL BOX	\$1479.55/Each
7	REPLACE FIXTURE WTH LAMP	\$74.03/Each
8	INSTALL METAL POLE HAND HOLE COVER	\$24.49/Each
9	INSTALL BREAK AWAY BASE DOOR	\$40.51/Each
10	INSTALL OVERHEAD TRIPLEX CONDUCTOR /LIN FT	\$3.67/LF
11	EXCAVATE IN SOIL /LIN FT	\$5.70/LF
12	EXCAVATE IN ASHPHALT /LIN FT	\$12.95/LF
13	EXCAVATE ACROSS ROADWAY /LIN FT	\$15.54/LF
14	LABOR RATE - PER/HOUR, REGULAR TIME	\$125.11/Hour
15	LABOR RATE – EMERGENCY SERVICE PER/HOUR	\$181.47/Hour
16	LABOR RATE – OVERTIME PER/HOUR	\$153.24/Hour
17	MAINTENANCE & PROTECTION OF TRAFFIC	\$133.40/Each
18	EMERGENCY CLEANUP OF POLE KNOCKDOWN	\$464.17/Each
19	REMOVE WOOD POLE (VARIOUS LENGTHS)	\$509.76/Each
20	FURNISH & INSTALL 25' CLASS B WOOD POLE	\$1034.03/Each
21	FURNISH & INSTALL 35' CLASS B WOOD POLE	\$1108.63/Each
22	FURNISH & INSTALL 24" X24" PRE-CAST CONCRETE PULLBOX WITH COVER MARKED "ELECTRIC"	\$1479.55/Each
23	FURNISH & INSTALL PULLBOX RING AND COVER MARKED "ELECTRIC"	\$904.52/Each

SECTION B - HIGHWAY LIGHTING ROUTINE MAINTENANCE

<u>Item #</u>	<u>Description</u>	<u>Unit Price</u>
1	OUTAGE PATROL/REPAIRS	\$130.01/Hour
2	SHOP REPAIRS	\$104.39/Hour