

City of Portland RFP 116619 – LED Streetlight Installation & Maintenance

Sustainable Procurement Specifications Excerpt

April 1, 2014

PART I PROPOSAL REQUIREMENTS

2. SCOPE OF WORK

The Contractor shall provide labor, equipment, materials and any incidental work necessary to completely replace existing HPS luminaires with LED luminaires on approximately 44,000 NESC streetlights. The Contractor shall comply with applicable environmental laws and regulations regarding handling of hazardous substances, and shall take appropriate measures to ensure the safe handling of such substances as Contractor may encounter in the performance of the Price Agreement. This work will be performed on City-owned poles, which are currently maintained by PGE, and poles owned by Utility Companies (PGE, PP&L, CenturyLink, and or Comcast) located on residential, collector, and arterial streets and City Parks. Incidental related work shall include traffic control, safety check, installation of photoelectric cells, verification of supply voltage, verification and updates to a streetlight database, and recycling services (luminaires, lamps, photocontrols and miscellaneous materials). In addition, the Contractor will be called upon for other work, such as (but not limited to): removal and/or installation of luminaire arm; installation of a disconnect or in-line fuse, replacement or installation of span wires between poles, adjustments to line wire, replacement of luminaires, and repair of outages.

The City shall provide luminaires under the City's current LED Roadway Luminaire price agreement. The current LED Roadway Luminaire price agreement is with Leotek Electronics, USA, and includes the ECobra luminaires, Models EC1, EC2, and EC7

TECHNICAL REQUIREMENTS

1. CONTRACTOR'S MINIMUM QUALIFICATIONS

The Contractor shall have certified journeyman linemen who are capable of performing as Qualified Workers as described in 29 CFR 1910.269. The Contractor shall be a licensed electrical contractor in the state of Oregon and will have experience and qualification in installing streetlights on utility poles in compliance with the applicable requirements of OSHA, OPUC Safety Rules, the NESC and/or NEC by Qualified Workers and as described in 29 CFR 1910.269. Contractor shall submit documentation demonstrating its Qualified Worker training program prior to final signature on the Price Agreement. By submitting a proposal the Proposer is certifying that all personnel who would perform under the Price Agreement are Qualified Workers as described above. The Contractor must have a City business license.

2. PURCHASE AND STORAGE OF GOODS AND MATERIALS

The City shall purchase and provide to the Contractor LED luminaires for the specific road classification and/or application, photocontrols, luminaire arms, in-line fuses, disconnects, fuses as needed, daily report forms, and wiring for this work. The City will provide a central storage and staging area at the Albina Yard Stores, 3150 N. Mississippi, Portland, Oregon where LED luminaires and other materials will be delivered, stored, picked-up and prepared for installations, and also where the Contractor will deposit the removed HPS luminaires and materials into respective recycling storage bins. The Contractor shall have reasonable access to the stored goods and materials. Details about the hours of access will be finalized after the Contractor is selected. Alternatively, the Contractor may provide staging areas. The City will accommodate a small job trailer (8'x20') onsite, if requested.

The Contractor shall complete an orderly conversion of the City's NESC streetlight conversion to LEDs. The City will coordinate and provide maps and database listings of the pole locations where the Contractor will be performing group LED replacements. The City will also provide the Contractor a hand held device(s) (Trimble) to use for the duration of the Price Agreement. The device will serve as the link to the City's Streetlighting Database and the Contractor will use the hand held device to update the streetlight data.

The Contractor shall complete project reports described herein and will meet all applicable federal, state, utility, and City rules, regulations, and requirements, including having Qualified Workers conduct LED replacement and maintenance work on NESC streetlights.

3. RESPONSIBILITIES OF THE CONTRACTOR:

The Contractor shall perform the tasks listed below, and shall work closely with designated City personnel to accomplish these goals.

Work under the Price Agreement must be performed by Qualified Workers, as described in 29 CFR 1910.269. The work shall be conducted in compliance with all applicable requirements of OSHA, OPUC regulations, utility tariffs, the NESC and/or NEC.

The City may request the Contractor to perform night work on heavy traffic streets. Night work must be pre-approved.

Group LED Installation – Work performed under this process will be done on a block by block basis in a geographically successive order using maps provided by the City. The work involves removing an existing HPS luminaire and photocell, repairing a pole and arm as necessary, installing a new LED luminaire and photocell and repeating the process until all of the identified HPS luminaires are replaced. The 44,000 group installations should be completed within two years, which means, given 260 working days per year, that the contractor should average between 75 and 100 installations per day.

The Group LED installation process will be paid according to the Price Proposal Form in the approximate quantities listed. The work involves removal and disposal of approximately 44,000 existing HPS luminaires and photocells and installation of new LED luminaires and photocontrols.

All LED luminaires will be installed according to the manufacturer's instructions by a crew including at least one journeyman lineman. After replacing the HPS luminaire with LED luminaires the Contractor will test operation of the streetlights. Work includes, but may not be limited to:

1. Coordinate and Schedule any needed power disconnections and reconnections with PGE.
2. Provide traffic control.
3. Identify the pole location and verify map and pole number, update database if needed.
 - If luminaire is already LED, make a note to report to City representative and skip to the next location.
 - If luminaire arm is missing, make a note to report to City representative and skip to the next location.
4. Prepare and test LED luminaire and photocontrol for installation. Scan LED luminaire bar code.
5. Perform safety check:
 - Check for primary and secondary power lines and transformer if present to determine the best approach for the luminaire and luminaire arm.
 - Check tree/vegetation. If tree vegetation is obstructing the streetlight make a note to report to City representative and skip to the next location.
 - Check supply line to the streetlight ensuring the drip loop is not touching any other wires or equipment. If touching other equipment or violating NESC rule make adjustment if necessary, note work done in daily report form.
6. Check luminaire arm for structural integrity (e.g., if bolts are loose tighten the bolts). If luminaire arm and/or wind rod is damaged or non-repairable make a note to report to City representative and skip to the next location.
7. Check line voltage to the luminaire, update database if necessary.
8. Remove existing HPS luminaire.
9. Install inline fused disconnect on street light only pole if power is fed overhead.
10. Install inline fused disconnect in street light only pole hand hole or in junction box if power is fed underground.

11. If pole replacement has been directed by City, remove existing pole and install junction box in old pole location. Then install pole and mast arm within five feet of junction box. City will identify pole location that does not block driveway access or conflict with ADA requirements.
12. Install LED luminaire and Photocontrol.
13. Provide and install #6 AL triplex overhead electrical lines between poles per instruction of a City representative and per City and Utility standards for installation. Follow safety check procedures outlined above.
14. Confirm successful operation of the luminaire.
15. Note wattage of removed HPS luminaire and LED replacement model. Prepare and store removed luminaire for recycling.
16. Utilize a main vehicle (bucket truck) equipped with Type D Arrow Board for mobile operation.
17. Comply with applicable environmental laws and regulations regarding handling of hazardous substances, and take appropriate measures to ensure the safe handling of such materials as may be encountered in the performance of the Price Agreement.

Spot Replacement – Spot Replacement is replacement of photocells, individual luminaires or pole mast arm and luminaire due to failure or damage not covered under Contractor’s Warranty. Spot replacement may include replacement of worn mast arms, installation of fuses, new and/or relocation of street lights, line extensions, and other street light maintenance. The City will notify Contractor in writing or by email on an on-call basis for all spot replacement work. All spot replacement orders will come from the City’s representative. Contractor shall complete the spot replacement within one week of notification and availability of City supplied materials. When completed, Contractor will be responsible to complete and return a daily report to the City Representative. The Contractor shall be paid the fee for the Spot Replacement item shown in the Price Proposal Form to compensate for additional mobilization including travel to/from the location and preparation for work performed outside the group installation schedule. There shall be no additional compensation if replacement of the photocell with a city supplied photocell corrects the failure. Spot Replacement tasks may include but not be limited to:

1. Spot replacement of HPS to LED streetlight – Follow the same procedures as outlined above.
2. Spot Installation of luminaire arm and LED streetlight - Follow the same procedures as outlined above except luminaire arm will be installed first, see ODOT Detail Drawing DET4300.
3. Spot Removal of luminaire arm and luminaire and the corresponding supply line per City representative’s instruction. Follow same procedures above except no LED luminaire installation.
4. Spot Installation of electrical lines between poles per instruction of a City representative and per City and Utility standard installation. Follow safety check procedures outlined above.
5. Spot Installation of disconnect or in-line fuse between the supply line and the luminaire per City representative’s instruction. Follow safety check procedures outlined above.
6. Spot Replacement of non-functioning light – This task may result from luminaire, Photocell, or other equipment failure. Follow procedures outlined above.

For both Group LED Installation and/or Spot Replacement, the Contractor shall note the work in the daily report. The Contractor shall update the database by use of a Trimble, a hand held asset management device, which will be provided by the City along with training, upload, and download procedures. Contractor shall abide by Trimble operations requirements and be responsible for safeguarding this asset.

Flagging – The Contractor shall provide and maintain such signs, barricades and warning lights as are necessary to warn and protect the public at all times if affected by work operations. In addition, Contractor shall also provide all necessary flag persons and guards necessary to warn and protect the public. Each flagger on duty shall wear a hard-hat and vest to conform to ODOT and/or OSHA requirements and shall be equipped with a highly visible, reflectorized “Stop/Slow” hand sign conforming to current standards for daylight use and with illuminated stand areas of high visibility for night use.

For work zones on low volume roads that require flaggers, a single flagger may be adequate if the flagger is visible to approaching traffic for all directions.

- Flaggers shall meet the following requirements:
- Completed and passed an ODOT approved work zone, traffic control course within the past three years.
- The mental and physical ability to provide timely, clear, and positive guidance.
- A neat appearance
- A courteous but firm manner

When required by the approved traffic control plan, flagging shall be paid for the actual hours flagging stations are staffed.

General Maintenance

As the LED streetlights are installed, the City will assume maintenance responsibility. The Contractor will perform general maintenance for these street lights in an orderly manner. This type of work may occur throughout the City or may be coordinated with the Group LED Installation process. General maintenance may include replacement of worn mast arms, installation of fuses, new and/or relocation of street lights, line extensions, pole removal and/or installation, and other street light maintenance. The City will notify Contractor using a City Trouble Ticket Dispatch Report on a regular basis, generally daily, of all general maintenance work. All general maintenance dispatch reports will come from the City's Representative. When completed, Contractor will be responsible to complete and return the Trouble Ticket Dispatch Report to the City Representative. The Contractor will normally have 10 working days from time of notification to complete an outage repair. Outage repairs may be efficiently bundled together. Under special circumstances, such as access issues, an outage repair may be scheduled for a later date. Extensive repairs such as pole replacements may require longer lead times.

4. DELIVERABLES AND SCHEDULE

Deliverables shall be considered those tangible resulting work products that are to be delivered to the City such as reports, draft documents, data, interim findings, drawings, schematics, training, meeting presentations, final drawings and reports. The Contractor is encouraged to provide deliverables in accordance with the City's Sustainable Paper Use Policy. The policy can be viewed at: <http://www.portlandonline.com/omf/index.cfm?c=37732>.

The following deliverables shall be provided on a daily, weekly, bi-weekly, monthly or other basis as needed, and shall include but not be limited to:

A. Daily report submitted at the beginning of the next work day, by fax or email, detailing the number of streetlights removed, number of LED streetlights installed, number of poles skipped and reason why the poles were skipped, and any incident or situation and additional work that happened during the work day.

B. Pay request will be on a monthly basis and will detail work performed per line item as specified in the Price Agreement and any negotiated work performed during that time.

5. WARRANTY

The Contractor represents and warrants that (i) Contractor shall perform all Services set forth herein in a good and workmanlike manner, in conformance with the Specifications and requirements of the Price Agreement, and in accordance with the highest applicable professional and/or industry standards; (ii) Contractor warrants that each of Contractor's employees assigned to perform Services has the proper skill, training, and background to be able to perform Services in a competent, timely, and professional manner and that all Services shall be so performed; and (iii) Contractor shall, at all times during the term of the Price Agreement, maintain and keep current all licenses and certifications required to perform the work set forth in the Price Agreement.

Warranty work shall have a 2 -year warranty period from the date of its completion and acceptance by the City. Contractor shall make all necessary repairs and replacements to remedy any and all defects, breaks, or failures of the Work occurring within the warranty period. Such repairs and replacements shall conform to the specifications under which the Contractor originally performed the work. The City shall notify the Contractor if such problems occur within

the 2 year period. Contractor shall also repair any damage or remedy any disturbance to property or improvements if caused by the Contractor's work and if the damage or disturbances occurs within the warranty period. If Contractor performs warranty work, the warranty work also shall have a 2 year warranty period from the date of its completion and acceptance by the City.

The City will provide the Contractor with written Notice of the need to perform warranty work unless it is determined that an emergency exists, that delay would cause serious additional loss or damage, or if any delay in performing the work might cause injury to any member of the public. If the Contractor, after written Notice, fails within 10 days to comply with the City's request, the City has the right to perform the warranty work either by hiring another Contractor or by using its own forces. In that event, the Contractor and its Surety shall be liable to the City for the cost of the work performed and any additional damage suffered by the City.

Contractor shall provide a bond during the 2 year warranty period to guarantee the Contractor's performance of warranty work. Contractor shall provide to the City a bond in the amount of 20% of the final Price Agreement.

Contractor represents and warrants that it is in compliance with, and for the duration of the Price Agreement shall remain in compliance with the standards and requirements of ORS 279.835 (4).

6. PERIOD OF PERFORMANCE

Estimated schedule includes a Price Agreement start date of July 1, 2014. The initial term of this Price Agreement shall begin on the Effective Date and shall expire two (2) years later unless terminated sooner as provided herein. The Parties may agree, by mutual consent, to extend the Price Agreement for an additional three (3) years, taken individually or in multiple years. At least thirty (30) days prior to the expiration of the initial term, or extension, the Parties shall commence discussions if they desire to extend the Price Agreement. The Contractor shall provide a written extension proposal within fifteen (15) calendar days following the City's request for such a proposal. However, nothing binds or requires either Party to extend this Price Agreement. The total term of this Price Agreement shall not exceed five (5) years.

7. WORK PERFORMED BY THE CITY

PBOT staff shall make available sufficient hours of staff personnel as is required to meet with the Contractor and provide such information as required. PBOT has assigned the following personnel to this project:

- Project Manager – xxxx
- Project Engineer – xxxx

PBOT will perform the following other specific duties:

- Provide LED luminaire, PE Cells, luminaire arms, wind rods, disconnects, in-line fuses, and wires
- Provide area maps where the group replacement work will take place.
- Provide hand held devices (Trimbles) and training on how to use the devices.
- Inspections and monitoring of the project.
- Provide instruction and direction for additional work that the Contractor might perform.

A Trimble is a hand held asset management device. The City will provide the Trimble, along with training, upload, and download procedures.

8. PLACE OF PERFORMANCE

The work will be performed on City-owned poles, which are currently maintained by PGE, and poles owned by Utility Companies (PGE, PP&L, CenturyLink, and or Comcast) located on residential, collector, and arterial streets and Parks within the City of Portland limits.

9. PUBLIC SAFETY

Contractor shall comply with the following security requirements:

- Work performed on City or Utility owned poles must be in compliance with the applicable requirements of OSHA, OPUC Safety Rules, the NESC and/or NEC, and shall ensure all such work is performed by a Qualified Worker as described in 29 CFR 1910.269
- Temporary traffic control must satisfy Oregon Temporary Traffic Control Handbook for operation of three days or less. Do not close any traffic lanes on arterial streets with more than 15,000 average daily traffic (ADT), Monday through Friday, between: 6:00 am – 9:00 am and 3:00 pm – 6:00 pm. Modified temporary traffic control will be subject to the City Engineer’s approval.

Locations with limited access include the following:

- Some streets may be off limits during holidays.

10. WAGE RATES

State of Oregon, Bureau of Labor and Industries (BOLI) prevailing wage rates are required to be paid to workers in each trade or occupation that the Contractor or Subcontractor uses in performing all or part of the work on this project. The applicable prevailing wage rates for this project will be the rates in the BOLI publication titled “Prevailing Wage Rates for Public Works Contracts in Oregon” effective on January 1, 2014 including any applicable amendments dated April 1, 2014, which are hereby incorporated into this Price Agreement by this reference. Workers must be paid not less than the specified minimum hourly rate of wage in accordance with ORS 279C.838 and 279C.840. You can download your copy from www.oregon.gov/boli. If you need additional copies, contact Bureau of Labor & Industries, 800 NE Oregon St. #32, Portland, OR 97232; phone 971-673-0839.

The City of Portland is required to pay a Prevailing Wage Rate (PWR) fee directly to the Oregon Bureau of Labor and Industries. The successful proposer will acknowledge that this fee has not been included in any proposed amount for this project.

The Contractor is required to post a Public Works Bond with the Oregon Contractors Construction Board (OCCB) unless exempt prior to start of work on the project.

Subcontractors awarded a Price Agreement are required to post a Public Works Bond with the Oregon Contractors Construction Board (OCCB) unless exempt prior to start of work on the project.

PART II PROPOSAL EVALUATIVE CRITERIA

6.a. COVER LETTER

By submitting a response, the proposer is accepting the General Instructions and Conditions of this Request for Proposal.

The Cover Letter must state the name of the person(s) authorized to represent the offeror in any negotiations, the name(s) of the person(s) authorized to sign any contract that may result, the contact person’s name, mailing or street addresses, phone and fax numbers and email addresses. A legal representative of the successful firm, authorized to bind the firm in contractual matters must sign the Cover Letter and the Proposal response.

6.b DESCRIPTION OF FIRM AND EXPERIENCE (max 15 pts)

1. Describe your firm’s legal structure, areas of expertise, length of time in business, number of employees, and other information that would be helpful in characterizing the firm. Describe the firm’s internal procedures and/or policies associated or related to work quality and cost control. Describe the resource availability, which may include the various levels of experience of the personnel to be provided and vehicles and equipment to be used, to perform the work for the duration of the project. Describe your firm’s workforce, including the prior experience of all qualified certified journeyman linemen on staff, who are capable of performing as Qualified Workers as described in 29 CFR 1910.269. Provide the address of the firm’s home office and the address of the

office that will manage the project, if applicable. Provide the same information for any subcontractors to be utilized on the project.

2. Briefly describe other engagements by your firm that demonstrate relevant experience and that best characterize the firm's capabilities, work quality, and cost control. Provide references that include 5 previous utility companies or other government agencies for which similar work was performed; include the project manager's name, address, email address and phone number.

Please remember that any extensive descriptions or vaguely related projects are discouraged and may negatively impact the overall outcome of the evaluation. References may be called and their responses used in the evaluation process

6.c. PROJECT TEAM AND EQUIPMENT (max 10 pts)

1. Provide the approximate number of people and how many crews will be assigned to the project; Provide crew make-up and the crew member's qualifications and experience on similar or related projects:

Names of key team member, including a journeyman lineman per crew, who will be performing the work on this project, and:

- their responsibilities on this project
- current assignments and location
- experience on similar or related projects
- unique qualifications
- percentage of their time that will be devoted to the project.

2. Provide a list and descriptions of the vehicle(s) and equipment to be used including important features such as the main vehicle (bucket truck) which is equipped with Type D Arrow Board for mobile operation. For all heavy-duty diesel engine vehicles indicate what percentage are model 2008 or newer. Also include whether any of the vehicles/equipment have any fuel efficiency and/or emissions reduction features, such as hybrid technology, coolant heaters, or after-market particulate matter control technologies.

6.d. PROJECT APPROACH AND UNDERSTANDING (max 15 pts)

1. Provide a narrative description of how the firm proposes to execute the tasks and attain the City's objective of replacing approximately 22,000 HPS streetlights with LED streetlights per year or approximately 260 working days. Describe how your firm intends to complete the LED installations within 2 years. Your firm should rely on its expertise and experience with similar projects to demonstrate how it will effectively complete the proposed project. Describe what storage and staging areas the Contractor will utilize during the project. You may include a discussion of how your firm will make personnel adjustments if project goals and standard are not being attained. Provide a short description of how traffic control will be handled on residential streets and on arterial streets.

2. Describe your firm's safety policies and procedures as they relate to handling high pressure sodium lamps. How are employees directed to deal with broken lamps? Assume that the City's recycler, not the contractor, will remove the lamps from the fixtures. What precautions are taken to prevent damage to lamps during HPS luminaire removal and transport? Do the procedures specifically address handling high pressure sodium lamps in public areas or in environmentally sensitive areas? Describe your firm's environmental spill or release response procedures and training in general and specifically as they would apply to the materials to be handled for this project and the firm's equipment that will be used.

6.e. PRICING PROPOSAL (max 40 pts)

Pricing shall be evaluated utilizing the prices proposed in Attachment 4. Follow all instructions on Attachment 4.

- Group Installation Process (maximum 25 points)
- General Maintenance (maximum 15 points)

6.f. CORPORATE RESPONSIBILITY (maximum 20 pts)

Through the adoption of The Portland Plan, the Social Equity Contracting Strategy, and Sustainable Procurement Policy, the Portland City Council has shown its commitment to contracting with socially and environmentally responsible businesses. The City values and supports diversity and is dedicated to advancing equity in public contracting by increasing opportunities for State of Oregon certified Minority, Women and Emerging Small Business enterprises (“M/W/ESB”).

The Social Equity Contracting Strategy promotes M/W/ESB economic growth and encourages partnering and mentoring between large and small M/W/ESB firms on City contracts. Proposing firms are encouraged to use the State’s OMWESB website (<http://www4.cbs.state.or.us/ex/dir/omwesb/>) for identifying potential M/W/ESB subcontractors.

All Proposers shall address the following in their proposals:

a. Oregon State Certification (maximum 4 pts)

Please indicate in your response if your firm is currently certified in the State of Oregon as an MBE, WBE, or an ESB.

b. Minority, Women, and Emerging Small Business Contracting (maximum 8 pts)

- If your firm is acting as the prime contractor or utilizing subcontractors on this project, please list the total project Price Agreement amount including scopes of work on Form 1(M/W/ESB Participation Disclosure Form 1).
- Points will be awarded based upon the maximum dollars contracted with State of Oregon certified M/W/ESB prime and/or subcontractors.

***Note: Failure to submit Form 1 with your proposal may result in the proposal being found non-responsive and may be rejected.**

c. Workforce Diversity and Community Involvement (maximum 3 pts)

- Describe your firm’s workforce demographics and any measurable steps taken to ensure a diverse internal workforce (e.g., women and people of color).
- How do you approach internal on-the-job training, mentoring, technical training, and/or professional development opportunities for women and people of color?
- Describe your firm’s employee compensation structure, (e.g., living wages, healthcare coverage, employee leaves, dependent care, etc.).
- Describe your firm’s commitment to community service, (e.g., charitable programs, scholarships, economic development, etc.)

d. Sustainable Business Practices (maximum 5 pts)

- List the top five actions/ongoing practices your firm has implemented to reduce the environmental impacts of your operations (e.g., energy efficiency, use of recycled content or non-toxic products, use of public transit or alternative fuel vehicles, waste prevention and recycling, water conservation, green building practices, etc.).
- Regarding your top five actions, please reference implementation dates and/or timelines, and any performance metrics or third-party awards/recognition (see <http://www.portlandoregon.gov/sustainabilityatwork/>)
- Does your firm participate in any third-party sustainability related organizations, networks, or committees? If so, list up to five examples and how long your firm has been an active participant in each.

The City expects thoughtful consideration of all of the above Corporate Responsibility criteria in the preparation of proposals. The City will enforce all M/W/ESB commitments submitted by the successful Proposer. The successful Proposer will not be permitted at any time to substitute, delete and M/W/ESB subcontractor without the prior written approval of the Chief Procurement Officer.

ATTACHMENT 4 – PRICE PROPOSAL FORM

GROUP INSTALLATION PROCESS

Work performed under this process will be done on a block basis in a geographically successive order using quarter section maps provided by City. Most, if not all, of the required work to be performed will be done concurrently. The majority of the work under this process will be to remove an existing HPS luminaire and photocell and install a new LED luminaire and photocell. The group LED installation process will be paid according to Schedule 1.

Schedule 1: Group Installation Process

Item No.	Description of Work Group Process	Unit	Estimated Yrly Quantity	Unit Price	Extended Price
1	Remove and Install Luminaire and Photocell (Overhead Power)	EA	18,000	\$ _____	\$ _____
2.	Install Luminaire, Photocell and Luminaire arm (Overhead Power)	EA	500	\$ _____	\$ _____
3	Remove Luminaire, Photocell and Luminaire arm (Overhead Power)	EA	100	\$ _____	\$ _____
4	Remove and Install Luminaire, Photocell and Inline Fused Disconnect (Overhead power)	EA	2,100	\$ _____	\$ _____
5	Remove and Install Luminaire, Photocell and Inline Fused Disconnect (Underground Power)	EA	1,400	\$ _____	\$ _____
6	Install Luminaire, Photocell, Luminaire arm and Inline Fused Disconnect (Underground Power)	EA	100	\$ _____	\$ _____
7	Remove Luminaire, Photocell and Luminaire arm (Underground Power)	EA	100	\$ _____	\$ _____
8	Provide and Install #6 Al triplex overhead wire	LF	2,000	\$ _____	\$ _____
9	Flagging	HR	2,000	\$ _____	\$ _____
10	Spot Replacement Mobilization	EA	100	\$ _____	\$ _____
Total Schedule 1 Not to Exceed (NTE) Amount					\$ _____

- Proposers must include unit pricing for all items in the columns to the right with a "\$" sign on Attachment 4.
- Prices offered must be inclusive of all costs to complete all work as required under the Price Agreement, such as labor costs, overhead costs, equipment, transportation, arrow board, signs, reporting, fees, etc.
- Pricing proposed or negotiated will be incorporated into the awarded Price Agreement and will be fixed for the first year of the agreement.
- The City does not pay any taxes, therefore do not include taxes in your pricing.

ATTACHMENT 4 – PRICE PROPOSAL FORM

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GENERAL MAINTENANCE

General maintenance for street lights will be performed in an orderly manner. This type of work may occur throughout the City or may be coordinated with the Group LED Installation process. General maintenance may include replacement of worn mast arms, installation of fuses, new and/or relocation of street lights, line extensions, pole removal and/or installation, and other street light maintenance. The City will notify Contractor using a City Trouble Ticket Dispatch Report on a regular basis, generally daily, of all general maintenance work. All general maintenance dispatch reports will come from the City's Representative. When completed, Contractor will be responsible to complete and return the Trouble Ticket Dispatch Report to the City Representative. The Contractor will normally have 10 working days from time of notification to complete an outage repair. Outage repairs may be efficiently bundled together. Under special circumstances, such as access issues, an outage repair may be scheduled for a later date. Extensive repairs such as pole replacements may require longer lead times.

General maintenance will be paid on a time and equipment basis per Schedule 2.

Schedule 2: Rate Schedule

Hourly Crew Rates for the following crew make-ups accompanied with all the tools, equipment, transportation (man-lift), and traffic control signage to install, replace and/or maintain the City of Portland's street lights. Each crew must include a journeyman lineman. Prices must be inclusive of all costs to complete the work as required under the Price Agreement, such as labor costs, overhead costs, equipment, transportation (man-lift) arrow boards, signs, fuel, fees, etc.

Item No.	Description	Unit	Estimated Quantity	Unit Price	Extended Price
1.	1-person crew (Eagle): Journeyman-Lineman with all tools, transportation (man-lift), traffic control signage	HR	500	\$ _____	\$ _____
2.	2-person crew (Replacement): Journeyman-Lineman, Driver, transportation (man-lift) with all tools, equipment, and traffic control signage	HR	1,000	\$ _____	\$ _____
3.	3-person crew (Line Crew): Working Line Foreman, Journeyman-Line-man, Driver, transportation (man-lift), with all tools, equipment, and traffic control signage	HR	500	\$ _____	\$ _____
4.	Flagging	HR	500	\$ _____	\$ _____
Total Schedule 2					\$ _____

- Proposers must include unit pricing for all items in the columns to the right with a "\$" sign on Attachment 4.
- Prices offered must be inclusive of all costs to complete all work as required under the Price Agreement, such as labor costs, overhead costs, equipment, transportation, arrow board, signs, reporting, fees, etc.
- Pricing proposed or negotiated will be incorporated into the awarded Price Agreement and will be fixed for the first year of the agreement.
- The City does not pay any taxes, therefore do not include taxes in your pricing.