

Public Lighting Authority

2017 Public Lighting Authority Streetlight Maintenance & Repair
REQUEST FOR PROPOSAL

REVISED VERSION AS OF 5/3/17



Table of Contents

Article 1: Definitions and Abbreviations.....	4
Article 2: Corporate Introduction	5
Article 3: Scope of Services Overview.....	5
Article 4: Required Contractor Qualification	5
Article 5: Required Proposal Format.....	6
Article 7: On-line Proposal Submittal Instructions	11
Article 8: Timing and Schedule.....	11
Article 9: Review and Selection Criteria.....	12
Article 10: Additional RFP Guidelines and Terms.....	12

Issue Date: Monday, April 17, 2017

Issuer: Nicolette Carlone, Chief Executive Officer

Services Required: City of Detroit Streetlight Maintenance and Repair

Period of Contract: TBD

Due Date: Proposals will be received until May 12, 2017, 3:00 p.m.

In compliance with this Request for Proposals and subject to all the conditions imposed in Section VII thereof, the undersigned offers and agrees to furnish the services in accordance with the attached statement or as mutually agreed upon by subsequent negotiation:

NAME OF FIRM:

DATE:

BY: _____

PRINCIPAL BUSINESS ADDRESS:

PRIMARY CONTACT INFORMATION:

NAME:

TITLE:

EMAIL:

FEDERAL EMPLOYER ID #:

PHONE:

Article 1: Definitions and Abbreviations

Capitalized terms and abbreviations used in this Request for Proposal are defined below.

“City” shall mean the City of Detroit

“Contractor or Respondent” shall mean the entity that responds to this RFP by submitting a Proposal in accordance with the requirements herein.

“ESRI” GIS Software for mapping street lights

“GIS” A geographic information system (GIS) that allows visualize, question, analyze, interpret, and understand data to reveal relationships, patterns, and trends.

“PLA” shall mean The Public Lighting Authority located in Detroit, MI as authorized by the Michigan Legislature in 2012 to support and develop a plan to improve public lighting in the City.

“Proposal” shall mean a Contractor’s submittal in response to this RFP.

“Scope of Work” shall mean the work detailed in Attachment A and Attachment B of this RFP.

“RFP” shall mean this Request for Proposal describing the PLA’s needs and seeking responses to fulfill those needs.

Attachments

- A. PLA Repair and Maintenance Scope of Work
- B. PLA Call Center Scope of Work
- C. PLA Insurance Requirements
- D. Street Light and Semi-Ornamental Street Light Overhead and Underground Outage Work Long Descriptions dated April 17, 2017
- E. Pricing Sheets (Complete description only as necessary for maintenance, repair and related services.)

Article 2: Corporate Introduction

The PLA is a governmental agency that has been authorized by the State of Michigan to be the authority responsible for restoring, repairing, replacing the City's street lighting system. During the period of 2013-2016 the PLA constructed and installed 65,000 LED lights as part of its new lighting system.

The PLA is committed to utilizing Detroit and Michigan based businesses where possible. It is the expectation that the Contractor investigates and pursue local sourcing of work and utilize Detroit and Michigan based businesses in support of this effort wherever practical. Please identify in your Response opportunities provided from Detroit and Michigan based companies.

Please visit the PLA website at www.pladetroit.org for a more detailed description of the City of Detroit street light system.

Article 3: Scope of Services Overview

The PLA has released this RFP to identify qualified Contractors who will execute the operations and maintenance Work as outlined in Attachment A (PLA Repair and Maintenance Scope of Work, Attachment B (PLA Call Center Scope of Work) and as designated in the Overhead and Underground unit descriptions reference herein. This RFP is part of a long-term plan of ongoing operations and maintenance of the recently constructed Detroit system and may include other related lighting tasks such as tree trimming and additional non-operating lights removal as assigned. The Work includes general streetlight operations and maintenance of the street light plan.

Respondent shall execute all portions of the Work referenced. If multiple parties are providing their services, one Proposal shall be submitted and each party's portion of the Work shall be specifically outlined in the proposal.

Article 4: Required Contractor Qualification

Failure to meet the below qualifications will automatically disqualify Contractor.

- A. Significant experience in utility streetlight construction, maintenance, and repair Work.
- B. Specialized internal subject matter experts familiar with streetlight maintenance and/or utility industry including preventative maintenance work and work tracking system

- C. Michigan headquarters preferred (Detroit preferred)
- D. Knowledge of City of Detroit and other relevant codes
- E. Experience in tree trimming and lighting removal systems

Article 5: Required Proposal Format

Respondents' Proposal shall be numbered sections 1-11 and match the headings below. The detailed requirements of each section are contained below. Proposals shall be uploaded in *MS Word or PDF* format for all sections except Section 11. Section 11 must be submitted in excel format. PDFs of the pricing documents will not be accepted. Please do not include sales and marketing information in the Proposal. Failure to number Response 1-11 may result in a "non-conforming" bid submittal.

Summary of Requirements

1. Proposal Summary

Describe the highlights, key features and distinguishing points of the Proposal. On a separate sheet, include a list of contacts for the Proposal and how to communicate with them. Limit this section to a total of two (2) pages excluding the separate contact sheet.

2. Profile of Respondent

Respondent shall include a brief description of the Respondent's business and its corporate organization structure, the number of years in business, the names of all applicable affiliates, diverse business status, history and future plans. Office and facility locations are to be included.

3. Project Staffing

3.1 Staffing

Respondent shall describe how the project will be staffed. Key project team members shall be identified by name, title and specific responsibilities on the project. Please do not include resumes of individuals; rather a brief paragraph explaining their relevant experience and background. A detailed organizational chart for project execution must also be included. Respondent should become familiar with PLA and standard community response time commitments for street light outage. See PLA website at www.pladetroit.org.

3.2 Use of Detroit Residents

Respondent shall provide their plan to exercise their best efforts to utilize a minimum of 30% City of Detroit residents in conjunction with the Work.

4. Relevant Experience

4.1 Respondent shall provide a brief history of relevant street light lighting system, maintenance, and repair experience including the following:

- A. Client name
- B. Project scope
- C. Location of project
- D. Dates of the project
- E. Type of equipment/materials installed
- F. Outage/Maintenance experience
- G. Night Patrol experience
- H. Right of Way (ROW) safety experience
- I. Decommission obsolete or unused lighting systems including poles and lights

a. Utility Experience

Respondent shall also provide the above information for any other utility related experience (i.e. overhead and underground lines maintenance and repair) that would display Respondents knowledge of general operation of electrical distribution systems and equipment.

Significant experience and understanding of electrical distribution systems

b. Codes

Respondent shall provide evidence they are knowledgeable of City of Detroit and other relevant codes. Include key projects where the Respondent was required to collaborate with the Owner in lighting maintenance and repair projects.

5. Material Procurement and Handling Experience

Respondent shall provide examples of the development of relevant material procurement strategies, outline agreements with equipment manufacturers or distributors, examples of warehousing capabilities or systems, or other strategies implemented to obtain major

equipment for maintenance and repair projects.

Contractor will be required to procure, store and handle all material required for the Work including poles, wire, light fixtures and lights. This includes equipment that has been removed from the field involving obsolete or unused poles, arms, light fixtures and lights.

6. Project Management Experience

Respondent shall provide relevant Project Management experience. Project Management refers to a systematic approach to a variety of related tasks and successful execution of more than one project at a time. This may include but not limited to:

1. Quality Management Plan
2. Project Management certifications
3. Scheduling tools utilized
4. Cost management, tracking tools and change control system
5. Risk Management Plan
6. Hiring/Human Resource Plan
7. Time management tracking

7. Safety Program

Respondent shall include their detailed, comprehensive safety plan/manual including 2015 and 2016 OSHA recordable rate. All subcontractors or partners safety information must be included (including OSHA recordable rate).

8. Proposal Validity

The Proposal to be submitted must be valid for four months after submittal. Please list any exceptions to this duration.

9. Pricing

It is the expectation of the PLA that the majority of the Work be performed at the unit rates negotiated between the Parties as outlined in the below attachments. However, the PLA may utilize several pricing components in order to effectively execute the Work. Respondents are encouraged to offer other alternatives for the maintenance and repair project. The components are listed below and the spreadsheets shall be completed by Respondent in the

attached Attachment E (Pricing Sheets for Units, Labor, Material and Equipment).

A. Pricing Component #1 – Time and Material Rates “T&M”

Respondent shall complete the Pricing Sheets in Attachment E, which includes the anticipated labor rates utilized by Respondent. If there are labor codes not referenced in the Pricing Sheets in Attachment E, Respondent shall provide a separate billing sheet including those labor codes Respondent expects to utilize. Respondent shall also provide hourly labor and equipment rates for both minor and major maintenance of repair projects of the Scope of Work.

Utilizing T&M rates requires PRE-APPROVAL and at the sole discretion off the PLA’s Project Manager. It is the expectation that the Contractor be compensated the units rates as identified in item B below. T&M will only be approved for extenuating circumstances or instances where the Contractor is required to perform work for which there are no units.

B. Pricing Component #2 – Unit Rates

The primary compensation for the construction work will be fixed “unit rates” as outlined here. The PLA has provided “base unit rates” for the fixed unit rate portion for minor and major maintenance and repair of the RFP. The base rate may not necessarily reflect the Respondents actual cost; instead, it is intended to provide a guide as to the market rates for each unit. Respondent shall provide a base rate multiplier as a percentage of the base rates provided for all units on the Pricing Sheets in Attachment E, for minor and major maintenance, and outage fixed base unit rates provided for this Attachment D (Scope of Work per the Outage Work Long Descriptions). Respondent shall be required to submit waiver of liens or alternate process if subcontractors are working on the project.

Unit rates shall contain costs for all labor, supervision, equipment, back office charges, incidental material, normal traffic control (flagging, cones, etc.) and other tasks performed during normal work hours 7:30 a.m.-4:30 p.m., Monday through Friday. There may be instances where the Contractor and PLA agree upon alternative schedules for work to be performed on units.

Note: If Contractor is required to submit a formal traffic control plan as requested by the authority having jurisdiction the Contractor will be compensated on a time and material basis.

C. Pricing Component #3 – Miscellaneous Mark-up

Respondent shall complete the excel form, which contains the cost-plus markups on any material, wire and cable (subcontracting not included) in the Unit Rates Pricing. Pricing for a performance bond must also be provided (based on \$8 - \$10 Million Dollars of annual work).

- D. Contractor shall provide details on their preferred methodology for wire and cable compensation.
- E. Compensation for all other material will be based on actual cost paid by the Contractor plus the agreed upon mark-up. The Contractor will be required to provide all back up data to support the invoice.
- F. Fuel surcharge adjustment
Contractor shall provide their preferred methodology for administering any fuel surcharge adjustments.

10. Financial Information

Respondent is required as part of this RFP to demonstrate its financial wherewithal to perform under the contract; however, prior to any contract award may be required to provide the following:

- a. Annual fiscal financial statements for the previous two fiscal years and fiscal financial statements for the most recent quarter for the contract counterparty or guarantor if guarantee being provided.
- b. Senior unsecured debt credit rating (e.g., long-term senior unsecured debt not enhanced by third party credit support) as assessed by Standard & Poor's, Moody's Investor Services and/or Fitch Ratings.
- c. Name of the bank which provides Contractor's letters of credit if applicable
- d. Describe existing amounts of working capital lines available, including facility size, bank names, and facility termination date
- e. Contractor shall include any bankruptcy filings, provide any instances where Contractor paid or the owner had to access the letter of credit in order to complete the project.

Article 7: On-line Proposal Submittal Instructions

The Event is: 2017 PLA Maintenance and Repair RFP

Respondent must submit their response to the website. Detailed instructions are available on the website at www.pladetroit.org/business-rfps.

Please address any questions regarding the process or use website to the following:

www.pladetroit.org

Article 8: Timing and Schedule

Questions must be received by Friday, May 5, 2017 5:00PM EST. Proposals must be received by Friday, May 12, 2017, 3:00PM EST. Questions and Proposals will not be considered unless they are submitted via the PLA website.

Any exceptions to the response date will be accepted at PLA's sole discretion. PLA reserves the right, in its sole discretion, to extend the RFP due date.

Issue RFP	April 17, 2017
Respondent's pre-bid conference	May 1, 2017
Respondent Questions Due	May 5, 2017
RFP Responses Due	May 12, 2017
Short List Post-Bid Interviews	TBD
Award Contract	TBD

Respondent pre-bid meeting is not mandatory. The PLA will make its best effort at capturing all questions and answers discussed during the pre-bid meeting and will post on the website.

Location: Public Lighting Authority
65 Cadillac Square, Suite 3100
Detroit, Michigan 48226

Date: Monday, May 1, 2017

Article 9: Review and Selection Criteria

PLA's objective is to identify the Proposal(s) which best meet the requirements identified in this RFP.

The evaluation process will include the assessment of both economic and non-economic criteria. The economic evaluation will be conducted primarily using price associated with schedule and methodology. Non-economic factors will be assessed through a due diligence process that will gauge the relative risks and benefits of the Proposal.

Proposals will be evaluated using a multi-step process as follows:

Step 1 - The information provided in the Proposal will first be evaluated for completeness and consistency with the Proposal content and RFP requirements.

Step 2 - As a result of this screening review, PLA will eliminate Proposals that do not meet the requirements described in this RFP from further consideration. PLA will limit follow up contacts to clarify Proposals or request additional information only to those Proposals that meet the requirements described in this RFP. PLA will evaluate the Proposals based on the following criteria, in no particular order:

- A. Pricing
- B. Experience
- C. Project Management capabilities
- D. Safety Program
- E. Quality Management Program

F. Location of Respondent's offices and facilities (prefer Detroit) and plan to utilize Detroit residents

Step 3 – Based on the evaluation set forth in Step 2 above, PLA will short-list Respondents for a post bid interview. PLA in its sole determination may enter into negotiations with any and all qualified Respondents.

Article 10: Additional RFP Guidelines and Terms

Please carefully review the following guidelines and terms that apply to this RFP. Submission of the Intent to Respond Field will be interpreted as an understanding and

acceptance of these guidelines and terms:

1. **Disclaimer** - This is not a contract offer by the PLA; the RFP responses to this RFP do not bind PLA in any way. Company reserves the right to discontinue or modify the RFP process at any time, the extent of service to be provided by the Contractor, and makes no commitments, implied or otherwise, that this process will result in a business transaction or negotiation with one or more Respondents. All costs incurred by a Respondent in preparing a response to this RFP and in providing or obtaining additional information to or from PLA shall be borne by the Respondent.
2. **Right of Rejection / Acceptance** - PLA reserves the right to reject, modify any or all responses, to accept any response or to select any combination of responses. PLA reserves the right to waive any irregularity contained in any response.
3. **Right of Withdrawal** - Response may be withdrawn at any time prior to the RFP Due Date. Any request to withdraw a response must be sent via e-mail to PLA.
4. **Documents** - PLA makes no representations or warranties regarding the accuracy or completeness of the information contained in this RFP, including the attachments. The Respondent is responsible for making its own evaluation of information and data contained in this RFP and in preparing and submitting responses to this RFP.
5. **Confidentiality** - The documents, including but not limited to written, printed, graphic, electronic, photographic or voicemail materials and/or transcriptions, recordings or reproductions thereof, submitted in Response to this RFP become public record upon submission to the PLA, subject to mandatory disclosure upon request by any person, unless the documents are exempted from public disclosure by a specific provision of law.
6. **Post Bid Interview** - The PLA may shortlist Respondent(s) to conduct an in-person interview explaining the details of their proposal.
7. **Organization and Good Standing.** Respondent is duly organized, validly existing and in good standing under the laws of the State of Michigan, has all requisite power and authority to own, operate and lease its properties and is duly authorized to do business in the State of Michigan.
8. **Power and Authority.** Respondent has all requisite power to submit a proposal to the PLA and to carry out and perform its proposed obligations under any Agreement that may be formalized between Respondent and the PLA pursuant to this RFP. All action required on the part of the Respondent and its officers, and agents for the authorization, execution and delivery of this proposal have been taken.
9. **No Conflict or Breach.** The proposed execution, delivery and performance by the Respondent of its proposed obligations under any Agreement that may be formalized pursuant to this RFP will not result in any violation of, be in conflict with or constitute a default under, in any material respect, any material instrument, mortgage, deed of trust, loan, contract, commitment, judgment, decree, order or obligation binding upon the Respondent

or result in the creation of any mortgage, pledge, lien, encumbrance or charge upon any of its properties or assets.

- 10. No Debarment, Pending Governmental Action or Record of Violations.** Respondent has not been debarred by either the federal, state or any local unit of government from providing services, nor is it currently the subject of any debarment or similar proceedings. Respondent has no record of violation of any federal, state or local government's procurement, contracting or ethics rules.
- 11. Conflicts; No Undue or Improper Influence or Inducement.** Respondent represents and warrants that no conflicts of interest exist between the Respondent and the PLA. Respondent represents and warrants that it has not, and will not, offer to PLA or any of PLA's employees any unlawful inducement, prohibited benefit, or improper incentive to enter into any agreement with PLA. Respondent understands and agrees that no person associated with Respondent shall contact any Public Lighting Authority Director or Officer to attempt to solicit business or to in any way influence such Director or Officer outside of the contact provided pursuant to the RFP.
- 12. Performance of Services; Compliance with Law.** The Services proposed to be performed under any Agreement that may be formalized pursuant to this RFP will be performed in a diligent manner in accordance with industry practices, by individuals of suitable training and skill. Respondent's actions and performance of the Services under any Agreement that may be formalized pursuant to this RFP throughout the term of such Agreement shall be in full compliance with all applicable federal, state and local laws, rules, regulations and standards, including all laws applicable to PLA's operations or to which PLA is otherwise bound. Respondent has, and will maintain throughout the term of such Agreement, all licenses, permits, authorizations and approvals necessary for the lawful conduct of its business. No representation or warranty of Respondent contained in any proposal submitted pursuant to this RFP contains any untrue statement of material fact or omits to state a material fact necessary to make the statements and facts contained herein not misleading.
- 13. Notice to Proceed; Purchase Orders.** Respondent understands and agrees that no work is to be performed under its proposal unless and until an Agreement is signed and a purchase order for the specific work is issued by the PLA.
- 14. Approval of Board; Subject to Contract Negotiations.** Respondent understands and agrees that any vote by the PLA Board of Directors merely evidences the PLA's intent to enter into negotiations with Respondent and does not constitute a contractual obligation on behalf of the Authority. Respondent understands and agrees that its proposal shall not be construed as a contract offer, and that the PLA is the only Party that may make an offer to Respondent after Board-approved successful negotiations. No action by the PLA shall be construed to represent that an Agreement or any contractual obligation exists other than the full execution by both Parties of a final Agreement. Respondent further understands and agrees: (1) that, even if the PLA approves negotiations with Respondent, a final Agreement may not be executed, and Respondent has no right or cause of action against the PLA in the event that a final Agreement cannot be reached by the Parties; and (2) the PLA may choose to not enter into an Agreement with Respondent at any time, and for any reason.

15. **Assurances or Reassurances.** The PLA has the right to request any Assurances or Reassurances from Respondent it deems necessary at any time to ensure Respondent has the capacity to carry out the work. Such Assurances or Reassurances may be in the form: (1) of a sample of the method of contract performance Respondent proposes, (2) requesting financial information from Respondent to ensure it possesses the financial capacity to fund the work; or (3) any other actions or information the PLA, in its sole judgment, deems necessary. Respondent understands and agrees that the PLA has no obligation to compensate Respondent for any costs associated with providing such Assurances or Reassurances.
16. **Contract Approval Does Not Guarantee Any Work; Multiple Vendors; Multiple Scopes.** Respondent understands and agrees that any Agreement that may be entered into between Respondent and the PLA does not guarantee any specific amount, quantity, or quality of work. All work assigned by the PLA shall be evidenced in the form of a validly issued purchase order that will only be issued after a valid Agreement is executed by the Parties. Respondent further understands and agrees that the PLA may select one or more responding vendors to perform all or any portion of the work the PLA requires. Respondent has no rights, contractual or otherwise, to any work under this RFP, and may be assigned only a portion of the work the PLA requires. If the pricing proposed under this RFP is dependent upon a specific quantity of work, Respondent must state the range of pricing it will charge based on the specific quantities of work assigned.

Attachment A

PLA Repair and Maintenance Scope of Work

The Public Lighting Authority (PLA) was authorized by the Michigan Legislature in 2012 to support and develop a plan to improve public lighting in the city of Detroit. The PLA constructed 65,000 lights touching all of its components, including poles, ballasts, circuits, transformers, and distribution. The PLA now intends on making repairs and replacements on portions of the system as needed and performing routine maintenance including tree trimming and removal of some unused lighting components located in alley ways.

Under the direction of the PLA a street light survey (not part of this RFP) is available on the existing street light system. The PLA uses Esri Arch Graphic Information System (Esri ArchGIS). Knowledge and use of the Esri ArchGIS software will be beneficial for the success of the program.

The purpose of this RFP is to obtain Proposals for repair, maintenance and related services to support the Public Lighting Authority. As outlined below, the Parties shall agree that streetlight maintenance services shall include pole numbering on new or replacement streetlights, customer service/dispatch, night patrols, circuit breakers and photocells, and spot relamping. Items outside of the scope of streetlight maintenance services include, but are not limited to, underground cable repair and/or replacement, leaning poles and pole painting.

1. **Survey.** Contractor shall maintain their initial survey information that included attributes relevant to location, condition, and type of pole.

2. **Pole Numbering.** Pole numbering is necessary to ensure the timely service that both the Contractor and the City of Detroit wish to provide. It insulates the Owner and the Contractor from exposure to otherwise warrantable material defects, and minimizes the occurrence of callbacks associated with the inability of the Contractor to pinpoint the precise location of outages.

3. **Customer Service/Dispatch.** Contractor shall provide a twenty-four (24) hour customer service/dispatch phone line for lighting inquiries and outage reports.

4. **Night Patrols.** Contractor shall provide monthly night patrols whereby every streetlight shall be checked once each month. The Contractor shall provide a written report to the City the results of the night patrols.

5. **Spot Relamping.** Contractor shall commence repairs of early lamp burnouts or day burners within forty-eight (48) hours of Contractor receiving notification or patrol discovery; this replacement will include lens cleaning and interior wiping of the luminaire. Contractor shall furnish lamps and photocells. Replacement lamps are to be of identical wattage, lamp type, and provide comparable illumination of the area lighted by the lamp. Specifically, any relamping of existing LED lights are to be with comparable LED lights.

6. **Repair Response.** Contractor shall respond to light out calls within two (2) business days. In most instances, repairs will be made immediately to restore the light to working order. However, some types of maintenance may require the crew to leave the site to obtain the necessary materials or equipment to complete such repairs. In the event extensive repairs are required; Contractor shall perform the same as soon as reasonably possible; however, not longer than fourteen (14) days after knowledge of the outage. Repairs requiring special factory orders shall

be completed within seven (7) days after receipt of material. Repair response time shall be subject to adjustment for inclement weather defined as: when rain, sleet or snow is falling in sufficient amounts to be apparent that to start work or to continue work outside would result in unsafe work conditions. Contractor will not be required to perform outside work during inclement weather unless such work is necessary to protect life or property.

7. Monthly Reports. Contractor shall provide monthly reports to verify response times of maintenance crews to light out calls and shall be attached with monthly invoice.

8. Streetlight Pole Knockdown and Streetlight Cut Cable Restoration. Contractor shall make all repairs to downed poles and cut cables at no additional cost to the City. Contractor shall be subrogated to the City's interest and rights of recovery in all streetlights which Contractor repairs or replaces, as part of maintenance services provided as a result of any actions by a third party. The City agrees to provide necessary information and assistance to the Contractor for enforcement of its subrogation rights to the extent that such information or assistance is uniquely available to the Contractor only from the City, and to the extent such information is not otherwise privileged.

9. Streetlight System Data. The City of Detroit will provide available streetlight system data in an Excel Spreadsheet format for the Contractors use. Any changes or updates will be noted on the Contractor's monthly report so the City is able to maintain an accurate and up-to-date database.

10. Emergency Services. Contractor shall remove conditions of public peril within one (1) hour of notification of such condition. Such conditions include, but are not limited to downed poles and/or power lines from streets associated with street lighting. Conditions not considered to present public peril shall be removed within four (4) hours.

11. Force Majeure. If Contractor is unable to satisfy any deadline due to circumstances beyond its control and without its fault or negligence, including but not limited to severe unanticipated weather, acts of God, fire, civil or military authority, orders of court or regulatory agencies, and other causes reasonably beyond the control of the Contractor, the time for completing that portion of the Work shall be extended accordingly.

12. Supplemental Services. All other repairs not specifically listed in Scope of Maintenance Service: including, but not limited to leaning poles and pole paints, shall be billed per the attached Labor & Equipment rates, or individual quotes can be provided by the Contractor on each job.

13. Responsibility of Contractor. The Contractor shall furnish all transportation, tools, equipment, machinery, and all suitable appliances, requisite for the execution of this Contract and shall be solely answerable for the same and for the safe, proper, and lawful construction, maintenance, and use thereof. The Contractor shall cover and protect work from damage and all injury to the same. The Contractor shall be solely answerable for all damage to the Owner or the property of the Owner, to other contractors or other employees of the Owner, to the neighboring premises, or to any private or personal property, due to improper, illegal, or negligent conduct of Contractor or subcontractors, employees, or agents in and about said work, or in the execution of the work covered by this Contract, or any extra work undertaken as herein provided. The Contractor shall be responsible to the Owner for any defect in, or the improper use of, any scaffolding, shoring, apparatus, ways, works, machinery, or plant.

14. ***Permits and Responsibilities.*** The Contractor shall be responsible for obtaining any necessary licenses and permits, and for complying with any Federal, State and municipal laws, codes and regulations applicable to the performance of work. The City agrees to furnish permits required by the City to the Contractor at no charge.

ATTACHMENT B
PLA Call Center Scope of Work

1.0 PLA Call Center Requirements

The PLA aims to address, but not be limited to the following guiding principles:

- a. Service standards are best in class
- b. Customers' time is not wasted
- c. Participation is clear and simple
- d. "Plus one" experience for every customer

A "Plus One" experience is defined as one that exceeds customers' expectations and results in a "wow" moment.

2.0 Deliverables Overview

In support of and in furtherance of citizen experience, Contractor shall perform the tasks set forth in this PLA Call Center Scope of Work ("SOW"). The tasks, services and deliverables set forth herein shall be collectively referred to as the "Call Center." Contractor shall be responsible for call center services to include, but not restricted to providing all:

- a. Necessary facilities
- b. Equipment
- c. Software
- d. Dispatching of Crews
- e. Telephone service
- f. Staff
- g. Training
- h. IT Setup
- i. Testing
- j. Reporting

Contractor shall perform and deliver the citizen experience and operations necessary to create, manage, and maintain a citizen contact center. Contractor shall be required to maintain the call center from 5 pm to 8 pm, twenty-four (24) hours a day, seven (7) days a week.

Contractor Responsibilities

Contractor shall be responsible for the following:

- Providing a reliable, secure and capable systems;
 - Contractor's system
 - Dispatching of Crews

- Telecom
- Disaster recovery
- Troubleshooting
- Providing features and services that help meet and exceed citizen expectations.
- Tracking and managing citizen complaints.
- Currently the PLA will be utilizing CityWorks. www.cityworks.com. Respondent will have a system compatible with CityWorks, or any other software the PLA chooses.
- Providing an environment that protects PLA and citizens' information.
- Inform PLA of all subcontractors that are utilized.
- Work with PLA to provide monthly call/volume budget, forecast, to include target goal, threshold, and actuals.

2.1 Reliable, Secure and Capable system

2.1.1 Contractor's System

Contractor Shall:

- a. Provide physical evidence of system capacity to handle prescribed PLA call volume.
- b. Provide a detailed back up disaster plan in the event of system outage.
- c. Provide PLA with the ability to monitor real time and historical telephone calls.
- d. Record all calls (including all 3 way calls) and retain them for a period of 1 year from the date that the call was received.
- e. Transition from current vendor platforms, if required
- f. Provide immediate verbal and written notification of system or security breaches.

2.1.2 Telecom

- a. Provide PLA the name of the telecommunications carrier that is being utilized and attempt to utilize the same carrier (Verizon) as PLA. Notify PLA immediately in writing if a change in carrier is made.
- b. PLA shall not incur any long distance charges under interim or long term solution.
- c. Notify PLA immediately in writing before any telecom work is subcontracted.
- d. Provide process flows of how the Contractor and the carrier will respond to major and minor issues.
- e. Call Transfer Method - PLA currently uses Verizon Business (VZB,) as the telecom carrier for inbound toll free citizen calls and PLA expects to continue using them through the remaining term of this Agreement.

2.1.3 Disaster Recovery

Contractor shall:

- a. Have a disaster recovery plan to protect against an emergency event such as fire, floods, and hurricanes.

- 2.2** Have in place process and procedures for restoring service for situations where a reported street light cannot be resolved within five (5) business days.

- 2.2.2** Contractor shall provide, at a minimum, the following types of services
1. Maintenance calls – this includes the processing of all calls
 2. Dispatching of calls – this includes all calls and dispatching of crews for repairs and service.

2.3 Scheduling Software

Contractor Shall:

- a. Utilize a scheduling software compatible with the PLA “CityWorks” and/or other software for all scheduling activities. All maintenance activities will be completed within 5 days.

3.0 PLA Responsibilities

PLA shall:

- a. Monitor and review performance standards on a weekly/monthly basis.
- b. Approve all scripts and materials used in all projects.

3.1. Transition Strategy

Contractor shall provide operational and transition services beginning ninety (90) calendar days after award of contract.

Upon expiration and/or termination of contract, Contractor shall provide transition services for up to ninety (90) calendar days (“Transition Period”). Details of these services shall be mutually agreed by PLA and Contractor.

During the Transition Period, PLA may require Contractor to provide services, including but not limited to the following:

- How they will transition from the O&M services
- Address all legal requirements
- Transfer of electronic data
- Coordination of enabling or disabling of logon IDs
- Risk analyses and proposed solution(s), for the transition
- Transfer of services including dates
- Staffing
- Hardware and/or software tools
- Hardware and software platforms utilized

3.2. Test Period:

The Test Period shall be to test complete business processes and reporting. The Test Period will begin during the transition period:

- Testing with existing system applications and services as appropriate;
- Validate system set-up for transactions and user access;
- Confirm use of system in performing business processes and performance metrics;
- Verify performance of business-critical functions;
- Confirm integrity of business process, data, services, security, and end-products;

Appendix

Insurance Provided by Contractor

Before the CONTRACTOR, or their Subcontractors, DOES ANY WORK under the Purchase Order or Contract, the CONTRACTOR SHALL FURNISH to Company, CERTIFICATE(S) OF INSURANCE evidencing that insurance has been provided to meet, at minimum, the requirements as set forth in this Appendix. It is expressly understood that the obtaining or maintenance of insurance as is herein required, shall in no way limit or release CONTRACTOR's or Subcontractor's liability under the indemnification provisions of the Purchase Order or Contract, for which this insurance is provided.

TYPE OF INSURANCE	MINIMUM LIMITS OF COVERAGE
1. Workers' Compensation:	Statutory requirements for the State of Michigan and/or for the state where the work will be performed.
2. Employers' Liability: (The limits required may be satisfied by a combination of primary and/or excess coverage):	\$ 1,000,000 each person
3. Business Automobile Policy when applicable (see Section E. (d) herein). Applies to Owned, Non-Owned and Hired: (The limits required may be satisfied by a combination of primary and/or excess coverage): Combined Single Limit Bodily Injury and Property Damage	\$5,000,000 each occurrence
4. Commercial General Liability (The limits required may be satisfied by a combination of primary and/or excess coverage): Combined Single Limit Bodily Injury and Property Damage If overhead electric line work, tree trimming/line clearance or attaching to utility poles: Combined Single Limit Bodily Injury and Property Damage	\$5,000,000 each occurrence \$10,000,000 each occurrence

- A) CONTRACTOR'S and/or its Subcontractors' COVERAGE SHALL:
- Include on the Purchase Order or Contract as additional insured. Such additional insured status shall be provided by an endorsement at least as broad as the Insurance Services Office (ISO) endorsement CG 2010 or its equivalent (See Section B. herein).
 - Include a cross liability clause.
 - Provide that insurers who satisfy these requirements may not cancel, non-renew, materially alter or reduce coverage or limits unless they have delivered thirty (30) days prior written notice to the Buyer, Supply Chain Management Company
 - Be primary to any potentially applicable insurance carried by or arranged for Company and all subsidiaries.
 - Provide that the contractor's insurer shall have no rights of recovery, by subrogation or otherwise, against Company and all subsidiaries.
 - Include blanket contractual coverage.
 - Include products and/or completed operations coverage for a period of at least two (2) years after the completion of the service or work.
- B)
- Initial certificates of insurance and other evidence of coverage are to be provided to the Buyer in Supply Chain Management and become a part of the Purchase
 - If it is applicable or becomes applicable to the work under the Purchase Order or Contract, provide Professional Liability Insurance and/or Errors & Omissions Liability Insurance with combined single limits of at least \$5,000,000 (satisfied by separate policy if needed)
 - Contain no exclusions for explosion, collapse or underground property damage hazards (XCU coverage).
 - If it is applicable or becomes applicable to the work under the Purchase Order or Contract, provide Pollution/Environmental Impairment Liability Insurance with limits of at least \$5,000,000 per occurrence (satisfied by separate policy if needed).
 - If it is applicable or becomes applicable to the work under the Purchase Order or Contract, provide Builders Risk Insurance with limits as determined by company insurance.

Order or Contract. All Contractor's certificates of insurance shall state on the certificate:

"Company and all subsidiaries, including the specific Company as noted on the Purchase Order or Contract, are additional insureds and the above listed liability insurance includes blanket contractual coverage".

All certificates must also state that no material change or cancellation can be effective without thirty (30) days prior written notice to the Buyer, Supply Chain Management, Company. Immediately upon renewal, rewrite or new issue of its insurance coverage, Contractor shall provide to the Buyer, Supply Chain Management, all such certificates of insurance and other evidence of coverage to satisfy all of the provisions herein. Such certificates must be sent to the Buyer in Supply Chain Management.

- C) If requested by the Company, Contractor shall provide a copy of its broad additional insured endorsement (or that section of its policy) that states that Company and all subsidiaries including the specific Company as noted on the Purchase Order or Contract are additional insureds on Contractor's liability policies (see Type of Insurance 4 herein).

- D) Contractor expressly understands and agrees that any discussion, negotiation or acceptance of a certificate of insurance by Company and all subsidiaries is expressly understood NOT to constitute a review or approval of the CONTRACTOR's or Subcontractor's insurer, insurance coverage or available limits, or a waiver or modification of any of the insurance requirements described herein.

- E) Should any of the work:
- Be upon or contiguous to navigable bodies of water or subject to Admiralty jurisdiction, CONTRACTOR and/or its Subcontractors shall also carry insurance covering their employees for benefits available and insurance against employer's liabilities under the Federal Longshoremen's and Harbor Workers' Act (44 U.S. Stat. 1424 (as amended)) and under the Jones Act (41 U.S. Stat. 988 (as amended)) or under the General Maritime Law.
 - Involve watercraft owned, hired or operated by the CONTRACTOR and/or its Subcontractors, CONTRACTOR and/or its Subcontractors shall also provide coverage for liability arising out of such watercraft with a combined single limit not less than \$5,000,000 each occurrence. If the hull is insured, such insurance shall contain the insurer's waiver of subrogation rights against company and all subsidiaries. All relevant provisions of these insurance requirements also apply to this specific requirement.
 - Involve aircraft (fixed wing or helicopter) owned, hired or operated by the CONTRACTOR and/or its Subcontractors, then CONTRACTOR and/or its

Subcontractors shall also provide coverage for liability arising out of such aircraft with a combined single limit of not less than \$50,000,000 each occurrence and such limit shall apply to Bodily Injury (including passengers) and Property Damage. If the craft is insured, such insurance shall contain the insurer's waiver of subrogation rights against company and all subsidiaries. All relevant provisions of these insurance requirements also apply to this specific requirement.

- Involve licensed vehicle(s) utilized within the scope of work performed under the Contract, CONTRACTOR and/or its Subcontractors shall provide evidence of Automobile Liability Insurance coverage as outlined in Section 3 herein.
- Involve interstate or intrastate transportation of hazardous cargoes as defined by the Motor Carrier Act of 1980 (as amended), CONTRACTOR and/or its Subcontractors shall provide evidence of compliance with the financial responsibility requirements of the Motor Carrier Act (Form MCS-90 or guarantee bond (as amended)).
- Be within 50 feet of any railroad property, CONTRACTOR and its subcontractors shall each maintain a Railroad Protective Liability Insurance Policy naming the railroad(s) as named insured, for an amount of not less than the greater of \$5,000,000 per occurrence or the limit of insurance required by the owner of the railroad property.

- F) The provisions of the various insurance policies and the insurers issuing such policies are subject to company and/or its subsidiaries approval and a copy of the applicable insurance policies shall be furnished by the CONTRACTOR at the request of Company and/or its subsidiaries.

- G) All deductibles or retentions on any of the policies of insurance required herein shall be for the account of the Contractor.

ATTACHMENT D
STREET LIGHT and SEMI-ORNAMENTAL STREET LIGHT OVERHEAD AND
UNDERGROUND Maintenance, Repair, and Related Services
Dated April 17, 2017

OVERHEAD MAINTENANCE, REPAIR, AND RELATED SERVICES:

Unit OHSLM01 Lamp, Photocell & Luminaire Maintenance

Explanation:

This unit includes replacement of lamp and/or photocell and cleaning or replacement of glass for group re-lamp maintenance. Contractor must ensure that all parts are operational.

Unit OHSLM02 Lamp & Photocell Replacement / Outage (Won't Burn) 1st Location

Explanation:

This unit includes testing for proper voltage at the luminaire's connection to secondary feed, replacement of lamp and/or photocell. Contractor must ensure that all replacements parts are operational.

Unit OHSLM03 Luminaire Replacement 1st Location- includes Lamp and/or Photocell Replacement

Explanation:

Luminaire Replacement and includes replacement of luminaire, and includes installation of a new lamp, fixture wire, and / or photocell and or PC adaptor if present at that location. If the luminaire serial number is known and there is no tag at the location or the lamp source of the luminaire is changed, then contractor will retag the asset. If the lamp source and/or wattage of the luminaire changes as a result of this work unit a proper Request for Streetlight Change Form will be completed by the field crew and forwarded PLA for processing.

Unit OHSLM03A Luminaire Replacement 2st Location- includes Lamp and/or Photocell Replacement

Explanation:

Luminaire Replacement and includes replacement of luminaire, and includes installation of a new lamp, fixture wire, and / or photocell and or PC adaptor if present at that location. This unit is used when additional maintenance is performed on the same circuit or and additional circuit within 1,000' using the same activity as Unit OHSLM03. If the luminaire serial number is known and there is no tag at the location or the lamp source of the luminaire is changed, then contractor will retag the asset. If the lamp source and/or wattage of the luminaire changes as a result of this work unit a proper Request for Streetlight Change Form will be completed by the field crew and forwarded PLA for processing.

Unit OHSLM04 Lamp, Photocell Outage (Won't Burn) Additional Location on Circuit or other circuit within 1,000'

Explanation:

This unit includes testing for proper voltage, replacement of lamp/photocell. This unit is used when additional maintenance is performed on the same circuit or and additional circuit within 1,000' using the same activity as Unit OHSLM02.

Unit OHSLM05 Locate and Repair Secondary OH Conductor Fault(s) (per span)

Explanation:

This unit includes the labor and equipment required for the following; isolating and locating fault(s), and making all permanent repairs. Contractor will replace overhead span if more than two splices are required for permanent repair.

Unit OHSLM06 Shade Installation

Explanation:

This unit includes installation or replacement or removal of the shade.

Unit OHSLM07 Conductor Removed / Installed per span

Explanation:

For the purpose of this unit, conductor will be defined as any PLA approved conductor (including control conductor) used for streetlight purposes. For payment purposes the CONTRACTOR will be paid one unit price per span of conductor. CONTRACTOR will ensure adequate slack at terminations and poles.

Unit OHSLM08 Replace Light Circuit Control - Overhead

Explanation:

This unit includes replacement of circuit control at an overhead location per spec 1-23-223, 1-23-225, 1-23-226 and 1-23-314. This unit includes energizing the circuit.

Unit OHSLM09 Refractor Replaced

Explanation:

This unit includes replacement of refractor, lens, and / or globe at an overhead location.

Unit OHSLM10 Repair Overhead Receptacle

Explanation:

This unit includes the repair of overhead receptacle on streetlight post.

General Explanation of Units OHSLM11 through OHSLM 15

These units include removal of paved surface when required, excavation, disposal of spoils, support of hole if necessary, furnish & install ground rods/wire/clamps, furnish & install fixture wire, furnish & install existing tagging materials. These units include complete/final restoration to grassy and soft areas.

Unit OHSLM11 Replace Wood Pole

Explanation:

This unit includes pole replacement including assembly of single or double arms to pole and disconnection and reconnection of feed.

Unit OHSLM12 Install Semi-Ornamental Post

Explanation:

This unit includes semi-ornamental post installation, including assembly of single or double arms to post and disconnection and reconnection of feed.

Unit OHSLM13 Remove and Haul Streetlight Wood Pole and Assembly

Explanation:

This unit includes complete removal of wood pole, support arm, luminaire, photocell and secondary conductor and the disposal of such materials.

Unit OHSLM14 Relocate Streetlight Wood Pole and Assembly less than or equal to 20 feet

Explanation:

This unit includes removal and relocation of existing wood pole and assembly. This unit is applicable when relocation distance is less than or equal to 20 feet.

Unit OHSLM15 Relocate Streetlight Wood Pole and Assembly greater than 20 feet

Explanation:

This unit includes removal and relocation of existing wood pole and assembly. This unit is applicable when relocation distance is greater than 20 feet.

Unit OHSLM16 Remove/Install Overhead A/O Transformer

Explanation:

This unit includes removal and/or installation of an A/O transformer at an overhead location. This unit includes energizing the circuit.

Unit OHSLM17 Remove/Install Single Phase Distribution Transformer**Explanation:**

This unit includes removal and/or installation of a single phase distribution transformer at an overhead location. This unit includes energizing the circuit.

Unit OHSLM18 Retrofit Existing Series Streetlight Wood Pole to Multiple without Support Arm**Explanation:**

Remove all series equipment (i.e. AO transformer, luminaire, lamp, photocell, etc.) and install all required overhead multiple secondary equipment up to two spans. Must assure luminaire is operational.

Unit OHSLM19 Retrofit Existing Series Streetlight Wood Pole to Multiple with up to 6' Support Arm**Explanation:**

Remove all series equipment (i.e. AO transformer, luminaire, lamp, photocell, etc.) and install all required overhead multiple secondary equipment including support arm up to 6 foot in length up to two spans. Must assure luminaire is operational.

Unit OHSLM20 Retrofit Existing Underground Series to Overhead Semi-Ornamental**Explanation:**

Removal and disposal of complete series transformer unit and replace with semi-ornamental post. Must assure luminaire is operational.

Unit OHSLM21 Remove OPL**Explanation:**

This unit includes the removal and hauling of an outdoor protective light and removal of the secondary conductor.

Unit OHSLM22 Relocate OPL**Explanation:**

This unit includes the relocation of an outdoor protective light. Must assure OPL is operational.

Unit OHSLM23 Repair OPL**Explanation:**

This unit includes the repair of and outdoor protective light. Must assure OPL is operational.

Unit OHSLM24 Trip Charge**Explanation:**

This unit is utilized when crew travels to location and repair cannot be completed due to intervening factor (i.e. no access, wrong location, site not ready) or OK on arrival.

Unit OHSLM35 Straighten OH Light Pole**Explanation:**

Straighten and/or self-sustain existing wooden street light pole. Includes stone backfill if required. If concrete or asphalt must be broken, the applicable unit will apply.

Unit OHSLM36 Re-wire OH Street Light Support Arm**Explanation:**

Replace existing street light fixture wire as necessary to restore equipment to normal operation. Terminations of wire are included in this unit. This unit applies to Code 46 and Code 48 support arms only. Doesn't include installation of new support arms.

Unit OHSLM37 Re-wire OH Street Light Support Arm**Explanation:**

Installation or replacement of a new street light arm. This includes new fixture wire, reinstallation of luminaire, disconnection, and reconnection to feed. This unit is per support arm replaced or installed.

Unit OHSLM38 Raise or Lower OH Secondary Span >3 Feet Due to Pole Condition, Etc.

Explanation:

Raise or lower overhead secondary span more than 3 feet due to pole condition, tree conditions, or to maintain proper clearance. This includes the relocation of all hardware and conductor terminations. This unit is per span and includes terminations on both ends.

Unit OHSLM40 Replace or install Guy Wire for Suspension /Span Light, or down guy wire

Explanation:

Remove and replace OH guy wire or down guy. When the OH guy wire serves as a support for a span light, this unit includes removal and reattachment of the OH suspension luminaire.

UNDERGROUND OUTAGE AND MAINTENANCE BID UNITS:

Unit UGSLM45 Trench/Plow without Restoration length combination less than or equal to 300 feet

Explanation:

Open trench, excavated and back filled, of sufficient width for installation of streetlight cable/conduit/pipe. Backfill evenly mounded directly over the cable must be free of stones and sharp objects which might damage the cables. Back filling must be completed immediately after all cable is installed. Reference U.G. Line Construction Spec., Section 43. This unit is applicable when the cumulative trench AND bore length is less than or equal to 300'.

Unit UGSLM46 Trench/Plow without Restoration length combination greater than 300 feet

Explanation:

Open trench, excavated and back filled, of sufficient width for installation of streetlight cable/conduit/pipe. Backfill evenly mounded directly over the cable must be free of stones and sharp objects which might damage the cables. Back filling must be completed immediately after all cable is installed. Reference U.G. Line Construction Spec., Section 43. This unit is applicable when the cumulative trench AND bore length is greater than 300'.

Unit UGSLM47 Trench/Plow with Restoration length combination less than or equal to 300 feet

Explanation:

Open trench, excavated and back filled, of sufficient width for installation of streetlight cable/conduit/pipe. Backfill directly over the cables must be free of stones and sharp objects which might damage the cables. Back filling must be completed immediately after all cable is installed. Reference U.G. Line Construction Spec., Section 43. This unit is to include compaction necessary to avoid settlement and complete/final restoration to grassy and soft areas. This unit is applicable when the cumulative trench AND bore length is less than or equal to 300'.

Unit UGSLM48 Trench/Plow with Restoration length combination greater than 300 feet

Explanation:

Open trench, excavated and back filled, of sufficient width for installation of streetlight cable/conduit/pipe. Backfill directly over the cables must be free of stones and sharp objects which might damage the cables. Back filling must be completed immediately after all cable is installed. Reference U.G. Line Construction Spec., Section 43. This unit is to include compaction necessary to avoid settlement and complete/final restoration to grassy and soft areas. This unit is applicable when the cumulative trench AND bore length is greater than 300'.

Unit UGSLM49 Boring (No Conduit Installed) length combination less than or equal to 300 feet

Explanation:

For purposes of this unit, boring is defined as a hole (by approved method) through the earth for streetlight cable installation under streets, trees, sidewalks, drives or any other obstructions. This unit includes any size hole up to 3" diameter. This unit includes all work necessary from beginning to end of bore i.e. test holes, restoration, etc. If not included in original streetlight design the use of this unit must be approved by the PLA Representative. This unit is applicable when the cumulative trench AND bore length is less than or equal to 300'.

Unit UGSLM50 Boring (No Conduit Installed) length combination greater than 300 feet

Explanation:

For purposes of this unit, boring is defined as a hole (by approved method) through the earth for streetlight cable installation under streets, trees, sidewalks, drives or any other obstructions. This unit includes any size hole up to 3" diameter. This unit includes all work necessary from beginning to end of bore i.e. test holes, restoration, etc. If not included in original streetlight design the use of this unit must be approved by the PLA Representative. This unit is applicable when the cumulative trench AND bore length is greater than 300'.

Unit UGSLM51 Bore & Inst One - 2" or 3" PVC Continuous Conduit length combination less than or equal to 300 feet

Explanation:

For purposes of this unit, boring is defined as a hole (by approved method) through the earth for conduit installation under streets, trees, sidewalks, drives or any other obstructions. This unit includes all work necessary from beginning to end of bore i.e. test holes, restoration, etc. If not included in original streetlight design the use of this unit must be approved by the PLA Representative. This unit is applicable when the cumulative trench AND bore length is less than or equal to 300'.

Unit UGSLM52 Bore & Install One - 2" or 3" PVC Continuous Conduit length combination greater than 300 feet

Explanation:

For purposes of this unit, boring is defined as a hole (by approved method) through the earth for conduit installation under streets, trees, sidewalks, drives or any other obstructions. This unit includes all work necessary from beginning to end of bore i.e. test holes, restoration, etc. If not included in original streetlight design the use of this unit must be approved by the PLA Representative. This unit is applicable when the cumulative trench AND bore length is greater than 300'.

Unit UGSLM53 Bore & Inst Two- 2" or 3" PVC Continuous Conduit length combination less than or equal to 300 feet

Explanation:

For purposes of this unit, boring is defined as a hole (by approved method) through the earth for conduit installation under streets, trees, sidewalks, drives or any other obstructions. This unit includes all work necessary from beginning to end of bore i.e. test holes, restoration, etc. If not included in original streetlight design the use of this unit must be approved by the PLA Representative. This unit is applicable when the cumulative trench AND bore length is less than or equal to 300'. When due to a damage, Contractor must complete a Damage Record and shall take a minimum of (3) three site pictures displaying the damage and notify the PLA Damage Claims group within (2) hours of the damage.

Unit UGSLM54 Bore & Install Two - 2" or 3" PVC Continuous Conduit length combination greater than 300 feet

Explanation:

For purposes of this unit, boring is defined as a hole (by approved method) through the earth for conduit installation under streets, trees, sidewalks, drives or any other obstructions. This unit includes all work necessary from beginning to end of bore i.e. test holes, restoration, etc. If not included in original streetlight design the use of this unit must be approved by the PLA Representative. This unit is applicable when the cumulative trench AND bore length is greater than 300'.

Unit UGSLM55 PVC or Continuous Conduit Installed in Open Trench Provided in Units UGSLM45, UGSLM46, UGSLM47 & UGSLM48

Explanation:

This unit includes the cost of placing PVC or continuous conduit (up to and including 3") in an open trench. This unit is for labor and equipment only.

Unit UGSLM56 Cable Installed in Open Trench, Bore or Conduit

Explanation:

For the purpose of this unit, cable will be defined as any PLA approved cable (including control cable) used for streetlight purposes. For payment purposes the CONTRACTOR will be paid one unit price per foot of trench, bore or conduit measured horizontally from center to center of termination point plus slack* (7' per termination and 25' at cable poles) for each set of specified conductors, i.e. x 3 cable would be paid at one unit per foot. This unit will apply when the trenching or conduit is done by the CONTRACTOR or any other source. *CONTRACTOR will ensure adequate slack at terminations and cable poles.

General Explanation of Units UGSLM57, UGSLM58, UGSLM59 and UGSLM60

These units include removal of paved surface when required, excavation, disposal of spoils, support of hole if necessary, furnish & install form materials, furnish & install ground rods/wire/clamps, furnish & install reinforcement rods, furnish & install fixture wire, set & level the foundation rods, furnish & pour concrete, set & level streetlight post, furnish & install tagging materials (black on silver, black on yellow) and barricading until post is set. These units include complete/final restoration to grassy and soft areas.

Unit UGSLM57 Concrete Foundation Up to 21" Diameter, Up to 4' Deep

Explanation:

This unit includes post installation up to 20' long. Post assembly not included.

Unit UGSLM58 Concrete Foundation Up to 21" Diameter, From 4'-1" to 6'-4" Deep

Explanation:

This unit includes post installation up to 40' long. Post assembly not included.

Unit UGSLM59 Concrete Foundation 36" Diameter, 11'-6" Deep

Explanation:

This unit includes post installation up to 40' long. Post assembly not included.

Unit UGSLM60 Concrete Foundation 25" Square, Up to 5' Deep

Explanation:

This unit includes post installation up to 20' long. Post assembly not included.

Unit UGSLM61 Breakaway Coupling and Skirt Assembly Installed

Explanation:

This unit includes the installation of four breakaway couplings and one skirt assembly.

General Explanation of Units UGSLM62 and UGSLM63

These units include removal of paved surface when required, excavation, disposal of spoils, support of hole if necessary, furnish & install ground rods/wire/clamps, furnish & install fixture wire, set & level streetlight post, furnish & install crushed compacted stone, furnish & install tagging materials (black on silver, black on yellow). These units include complete/final restoration to grassy and soft areas.

Unit UGSLM62 Install Direct Bury Post 20' or Less

Explanation:

This unit includes post installation up to 20' long, including assembly of single or double arms to post.

Unit UGSLM63 Install Direct Bury Post 20'-1" to 40'

Explanation:

This unit includes post installation 20'-1" to 40' long, including assembly of single or double arms to post.

Unit UGSLM64 Remove, Dispose of or Relocate Streetlight Foundation w/Post Complete

Explanation:

This unit includes complete removal, disposal or relocation of concrete foundation with post, terminations in post & all splicing up to 6 joints and backfill hole with compactable material. Relocation of foundation and post shall be within 500' of original location.

Unit UGSLM65 Remove and Dispose of Concrete Streetlight Foundation w/Post Up to 30"

Explanation:

This unit includes partial removal of foundation up to 30" below grade and backfill hole with compactable material. This unit also includes complete removal and proper disposal of all associated material.

Unit UGSLM66 Retrofit Existing Series Streetlight Post to Multiple

Explanation:

Remove cable from existing base & abandon existing streetlight cable, remove & dispose of existing luminaire, remove & replace fixture wire, install two ground rods & lead wire, install new streetlight cable thru old foundation and into existing post. This unit includes complete/final restoration to grassy and soft areas.

Unit UGSLM67 Install Light Circuit Control - Overhead

Explanation:

This unit includes installation of circuit control at an overhead location per spec 1-23-314. This unit includes energizing the circuit.

Unit UGSLM68 Install Light Circuit Control - Underground

Explanation:

This unit includes installation of circuit control at an underground location per spec 1-23-224. This unit includes energizing the circuit.

Unit UGSLM69 Pedestal Installed

Explanation:

This unit includes the installation of all material for a complete pedestal installation. The material associated with this unit includes the PLA approved pedestal, stake, mounting hardware, connector set, and ground strap. This unit includes tagging both ends of the cable. Nursery tags are to be supplied by the contractor and will indicate the streetlight post number to be served by the cable. Pedestals that are 480V shall be tagged as such on the outside with black on yellow tags.

Unit UGSLM70 U-Guard Installed.

Explanation:

This unit includes the installation of all material for a complete installation of plastic or steel u-guard up to 2". Plastic u-guard will be used except in traffic areas where one 5' section of steel u-guard will be used. This unit also includes the labor and material to ground steel u-guard. Contractor will install (3) 5' sections of u-guard to pole. This unit will be paid per 5 foot section installed.

Unit UGSLM71 Install Streetlight Luminaire, Lamp and Photo Cell

Explanation:

This unit includes the complete installation of luminaire, lamp and photo cell. Contractor must ensure that luminaire is operational. If there is no tag at the location or lamp source of replacement lum is changed, then contractor will retag the asset.

General Explanation of Units UGSLM72, UGSLM73, and UGSLM74

These units include meggering/testing cable, installing nursery tags, connection of the cable at the transformer, pedestal, ODC, lighting control, streetlight post and in-line fuse.

Unit SLM72 Termination with Lugs

Explanation:

This unit includes the installation of the aluminum lug, by contractor onto the cable and the connection to the source. One unit equals 3 conductor ends.

Unit UGSLM73 Termination with Splices

Explanation:

This unit includes the complete installation of the PLA approved splice, by contractor. One unit equals 3 splices.

Unit UGSLM74 Termination with Compression Screws**Explanation:**

This unit includes the connection of the cable with compression screws. One unit equals 3 conductor ends.

Unit UGSLM75 Install Meter**Explanation:**

This unit includes the installation of the meter, provided by PLA. Contractor must record the correct meter number and reading for each installation.

Unit UGSLM76 Install Ground Fault Interrupter (GFI)**Explanation:**

This unit includes the installation and termination of the GFI and wet weather cover.

Unit UGSLM77 Remove, Dispose of, and Replace Curb**Explanation:**

This unit includes removal, complete disposal, forming & forming materials, concrete & asphalt material for the complete replacement of curb.

Unit UGSLM78 Compaction**Explanation:**

This unit will apply when the CONTRACTOR is required to mechanically compact trench back fill to 95% or greater density as required by the PLA Representative.

Unit UGSLM79 Sand, Furnished and Placed**Explanation:**

When sand back fill is required, either as protection for the cables or when back filling under a roadway, the CONTRACTOR will furnish the sand and bill for the number of cubic yards installed. This unit will include the cost of sand, the cost of placing the sand, and the cost of disposing of any excess spoil. This unit will only be used as directed by the PLA Representative.

Unit UGSLM80 Replace Streetlight Post**Explanation:**

This unit includes removal & disposal of existing post, hauling & install new post, install breakaway couplings as required, transfer or install new luminaire, new fixture wire and new tagging (black on silver or black on yellow) and includes installation of breakaway skirt assemblies and GFI if present in post being replaced.

Unit UGSLM81 Replace Streetlight Post Including Painting**Explanation:**

This unit includes removal & disposal of existing post, hauling & install new post, install breakaway couplings as required, transfer or install new luminaire, new fixture wire, painting (DE to supply paint) new post and new tagging (black on silver or black on yellow).

Unit UGSLM82 Remove & Replace Foundation Mounted Steel or Direct Buried Fiberglass Streetlight Post (Knockdown)**Explanation:**

This unit includes removal & disposal of existing post, base alignment, hauling & install new post, install breakaway couplings as required, transfer or install new luminaire, new fixture wire, terminations in post & all splicing up to 6 joints and new tagging (black on silver or black on yellow). This unit is to include complete/final restoration to grassy and soft areas. When due to a damage, Contractor must complete a Damage Record and shall take a minimum of (3) three site pictures displaying the damage and notify the PLA Damage Claims group within (2) hours of the damage.

Unit UGSLM83 Remove Foundation Mounted Steel & Replace w/ Direct Buried Fiberglass Streetlight Post

Explanation:

This unit includes removal & disposal of existing post, breakdown old foundation and remove exposed rods 30" below grade, hauling & install new post, transfer or install new luminaire, new fixture wire, terminations in post & all splicing up to 6 joints and new tagging (black on silver or black on yellow). This unit is to include complete/final restoration to grassy and soft areas. When due to a damage, Contractor must complete a Damage Record and shall take a minimum of (3) three site pictures displaying the damage and notify the PLA Damage Claims group within (2) hours of the damage.

Unit UGSLM84 Remove Foundation Mounted Steel Streetlight Post & Base - Install New Precast Base

Explanation:

This unit includes removal of existing post, breakdown old foundation and remove exposed rods 30" below grade, install new precast base, reinstall post, terminations in post & all splicing up to 6 joints and new tagging (black on silver or black on yellow). This unit is to include complete/final restoration to grassy and soft areas. When due to a damage, Contractor must complete a Damage Record and shall take a minimum of (3) three site pictures displaying the damage and notify the PLA Damage Claims group within (2) hours of the damage.

Unit UGSLM85 Lamp & Photocell / Outage (Won't Burn) - 1st Location on Circuit

Explanation:

This unit includes testing for proper voltage at the base of post, replacement of lamp/photocell. Contractor must ensure that all replacements parts are operational.

Unit UGSLM86 Lamp, Photocell & Luminaire Maintenance (Won't Burn) - Additional Locations on Circuit or other circuit within 1,000'

Explanation:

This unit includes testing for proper voltage, replacement of lamp/photocell. This unit is used when additional maintenance is performed on the same circuit or an additional circuit within 1,000' using the same activity as Unit UGSLM85.

Unit UGSLM87 Locate and Repair Secondary Cable Fault(s) on Streetlight Circuit. (Ten Ft of Cable)

Explanation:

This unit includes the labor and equipment required for the following; isolating cable, locating fault(s), excavation, and making all permanent repairs. This unit is to include complete/final restoration to grassy and soft areas. This unit is to include up to (10) ten feet of cable and (6) six joints. Contractor must complete a Damage Record, indicating whether the cable failure is due to damage or failed in service. In the event cable failure is due to damage contractor shall take a minimum of (3) three site pictures displaying the damage and notify the PLA Damage Claims group within (2) hours of the damage. Contractor will not repair more than (2) two cable failures per stretch without approval from the respective PLA representative. When additional cabling is needed use units 1, 3, 5, 7, 9 and/or M100 as required with approval from the PLA representative.

Unit UGSLM88 Remove Streetlight Post 20' Long or Less

Explanation:

This unit includes removal & disposal of steel or fiberglass post up to 20' long.

Unit UGSLM89 Remove Streetlight Post 20'4" to 40' Long

Explanation:

This unit includes removal & disposal of steel or fiberglass post from 20'-1" to 40' long.

Unit UGSLM90 Install Ancillary Equipment

Explanation:

This unit includes the complete installation of all ancillary parts. This is limited to banner arm, double luminaire arm, flag holder, clam shell base, skirt assemblies, handhole door covers, and post tags.

Unit UGSLM91 Lamp, Photocell & Luminaire Maintenance**Explanation:**

This unit includes testing for proper voltage at the base of post, replacement of lamp and/or photocell and cleaning or replacement of glass for group re-lamp maintenance. Contractor must ensure that all replacements parts are operational.

Unit UGSLM92 Luminaire Replacement 1st Location- includes Lamp and/or Photocell Replacement**Explanation:**

Luminaire Replacement and includes replacement of luminaire, and includes installation of a new lamp, fixture wire, and / or photocell if present at that location. If the luminaire serial number is known and there is no tag at the location or the lamp source of the luminaire is changed, then contractor will retag the asset. If the lamp source and/or wattage of the luminaire changes as a result of this work unit a proper Request for Streetlight Change Form will be completed by the field crew and forwarded PLA for processing.

Unit UGSLM92A Luminaire Replacement Replacement 2st Location- includes Lamp and/or Photocell Replacement**Explanation:**

Luminaire Replacement and includes replacement of luminaire, and includes installation of a new lamp, fixture wire, and / or photocell if present at that location. This unit is used when additional maintenance is performed on the same circuit or and additional circuit within 1,000' using the same activity as Unit UGSLM92. If the luminaire serial number is known and there is no tag at the location or the lamp source of the luminaire is changed, then contractor will retag the asset. If the lamp source and/or wattage of the luminaire changes as a result of this work unit a proper Request for Streetlight Change Form will be completed by the field crew and forwarded PLA for processing.

Unit UGSLM102 Winter Construction**Explanation:**

The Winter Construction unit price will be paid per foot of trench/bore, for work performed December 15th through March 31. This unit may be paid in conjunction with units UGSLM45 through UGSLM54.

General Explanation of Units UGSLM105, UGSLM106, UGSLM107, UGSLM108, UGSLM109, UGSLM110, UGSLM111, and UGSLM112

These units are based on planned maintenance post replacements activities and require addition work on hand and invoicing tracking to record completion on monthly basis.

Unit UGSLM105 - Replace Streetlight Post without Frangible Base ("T" Box)**Explanation:**

This unit includes removal and disposal of existing post without frangible base ("T" box), hauling & install new post excluding frangible base, install breakaway couplings as required, transfer or install new luminaire (10% expectation), new fixture wire and new tagging (black on silver or black on yellow).

Unit UGSLM106 - Replace Streetlight Post with Frangible Base ("T" Box)**Explanation:**

This unit includes removal and disposal of existing post including frangible base ("T" box), hauling & install new post including frangible base, install breakaway couplings as required, transfer or install new luminaire (10% expectation), new fixture wire and new tagging (black on silver or black on yellow).

Unit UGSLM107 - Replace Streetlight Frangible Base ("T" Box) Only on Existing Post**Explanation:**

This unit includes removal and re-installation of existing post to facilitate the replacement of the frangible base ("T" Box). This unit includes removal and disposal and installation of new frangible base ("T" box), removal and reinstallation of existing post, install breakaway couplings as required, transfer or install new luminaire (10% expectation), new fixture wire.

Unit UGSLM108 - Direct Burial Post Replacement**Explanation:**

This unit includes the removal and re-installation of an existing direct burial post. This unit includes, disposal of spoils, complete/final restoration to grassy and soft area, and includes transfer or install new luminaire (10% expectation), new fixture wire and new tagging (black on silver or black on yellow).

Unit UGSLM109 - Ream Streetlight Post Base Plate**Explanation:**

Ream bolt holes in streetlight post base plate to accommodate alternate bolt circle/pattern location. Example: Enlarging bolt hole pattern of a post with a 10" bolt circle to fit on a base with an 11" bolt circle pattern. The older foundation bolt pattern for Code 06 posts still exists in the field however the "slotted" base plate is no longer available.

Unit UGSLM110 - Foundation Removal and Replacement**Explanation:**

Adder to UGSLM105, UGSLM105, UGSLM107 for any failed foundations or foundations found without adequate anchor bolts required to support the Post and or T-Box replacement. This unit includes the complete foundation removal of including paved surfaces when required, disposal of spoils, support of hole if necessary, and installation of new foundation, includes ground rods/wire/clamps.

Unit UGSLM111 - OK on Arrival**Explanation:**

For any condemned post or "T" Box marked for replacement within the list of posts to replace that is field identified as OK on arrival and does not need replacement.

Unit UGSLM112 - Remove Foundation Mounted Steel & Replace w/ Direct Buried Fiberglass Streetlight Post**Explanation:**

This unit includes removal & disposal of existing post, breakdown old foundation and remove exposed rods 30" below grade, hauling & install new post, transfer or install new luminaire, new fixture wire, terminations in post & all splicing up to 6 joints and new tagging (black on silver or black on yellow). This unit is to include complete/final restoration to grassy and soft areas.

Unit UGSLM112A – Series Post Removal and Replacement – 5 or more per day**Explanation:**

This unit is for replacing posts on series circuits with redtag protection provided by DECO crews. This unit includes all the work performed in units UGSLM105-107. Should a DECO crew be able to de-energize and have ready multiple poles (5 or more) in close proximity to one another, contractor will bill the volume unit (5 or more poles) regardless of the actual number

Unit UGSLM112B – Series Post Removal and Replacement – 4 post per day**Explanation:**

This unit is for replacing posts on series circuits with redtag protection provided by DECO crews. This unit includes all the work performed in units UGSLM105-107. Should a DECO crew be able to de-energize and have ready multiple poles (5 or more) in close proximity to one another, contractor will bill the volume unit (5 or more poles) regardless of the actual number

Unit UGSLM112C – Series Post Removal and Replacement – 3 post per day**Explanation:**

This unit is for replacing posts on series circuits with redtag protection provided by DECO crews. This unit includes all the work performed in units UGSLM105-107. Should a DECO crew be able to de-energize and have ready multiple poles (5 or more) in close proximity to one another, contractor will bill the volume unit (5 or more poles) regardless of the actual number

Unit UGSLM112D – Series Post Removal and Replacement – 2 post per day**Explanation:**

This unit is for replacing posts on series circuits with redtag protection provided by DECO crews. This unit includes all the work performed in units UGSLM105-107. Should a DECO crew be able to de-energize and have ready multiple poles (5 or more) in close proximity to one another, contractor will bill the volume unit (5 or more poles) regardless of the actual number

Unit UGSLM112E – Series Post Removal and Replacement – 1 post per day

Explanation:

This unit is for replacing posts on series circuits with redtag protection provided by DECO crews. This unit includes all the work performed in units UGSLM105-107. Should a DECO crew be able to de-energize and have ready multiple poles (5 or more) in close proximity to one another, contractor will bill the volume unit (5 or more poles) regardless of the actual number

Unit UGSLM113 Straighten UG Street Light Pole (mounted on foundation

Explanation:

Straighten pole by adjusting spacers on anchor bolts by installing/removing shims on anchor bolts.

Unit UGSLM114 Straighten UG Street Light Pole Foundation

Explanation:

Dig around existing foundation as necessary to straighten foundation. Backfill and tamp spoils to maintain stability. If concrete or asphalt must be broken, the applicable will apply.

Unit UGSLM115 Re-wire Underground Street Light Pole

Explanation:

Replace existing street light wire (#12 black and #12 white) as necessary to restore equipment to normal operation. Terminations of new wire is included in this unit. Doesn't apply to new or replacement pole installation.

Unit UGSLM116 Replace Street Light Post with Frangible Base ("T" Box)

Explanation:

This unit includes removal and disposal of existing post including frangible base ("T" box), hauling and installation of new post including frangible base, transfer or installation of new luminaire, new fixture wire and new tagging (black on silver or black on yellow). This unit is not to be used for work done on planned maintenance projects.

Unit UGSLM117 Replace Frangible Base ("T" Box) Only on Existing Post

Explanation:

This unit includes removal and re-installation of existing post to facilitate the replacement of the frangible base ("T" Box).

Unit UGSLM118 Reinstallation of "Hot Box" and Make Location Safe After UG Knock Down

Explanation:

Make area "safe" and reinstall "hot box" after an UG knock down as/when directed by PLA. Includes taping of conductors and/or de-energizing circuit and securing "hot box."

Unit UGSLM119 Remove Foundation

Explanation:

Remove, haul and dispose of damaged or abandoned UG street light pole foundation. This unit is allowed per location regardless of the number of pieces to the foundation.

Unit UGSLM120 Trip Charge

Explanation:

This unit is utilized when crew travels to location and repair cannot be completed due to intervening factor (i.e. no access, wrong location, site not ready) or OK on arrival.

Unit UGSLM121 Rebuild Ornamental Luminaire

Explanation:

This unit is utilized to replace ballast, retrofit post for semi-ornamental pole.

Unit UGSLM122 Shade Installation UG Luminaire

Explanation:

This unit includes installation or replacement or removal of the shield and/or shade.

Unit UGSLM123 Replace Underground Receptacle - Stock GFI

Explanation:

This unit includes the replacement of underground receptacle on streetlight post.

Unit UGSLM124 Replace Underground Receptacle – Special Order Material (SOM) GFI

Explanation:

This unit includes the replacement of underground receptacle on streetlight post.

Unit UGSLM125 Refractor, Lens, or Globe Replaced

Explanation:

This unit includes the replacement of refractor, lens, or globe at an underground location.

Unit UGSLM126 Ream Street Light Post Base Plate

Explanation:

T Ream street light post base plate to accommodate alternate bolt pattern location. Example: The older foundation bolt pattern for Code 06 posts still exists in the field however the "slotted" base plate is no longer available. This unit is per base plate.

ATTACHMENT E
Pricing Sheets

	A	B	C
1	OVERHEAD UNIT PRICING		
2	DESCRIPTION		PRICE PER UNIT
3	OHSLM04 LMP, PHTOCL LUM REPLC ADDTL LOC	EA	
4	OHSLM07 CONDUCTOR REMV/INSTAL PER SPAN	EA	
5	OHSLM08 REPLACE LC CONTROL - OH	EA	
6	OHSLM13 REMVE/HAUL SL WOOD POLE ASSMBLY	EA	
7	OHSLM18 RETR SERIES POLE TO MULT W/O ARM	EA	
8	OHSLM25 EXIST LUM TO LED 1 TO 50 LOCS	EA	
9	OHSLM26 EXIST LUM TO LED 51 TO 99 LOCS	EA	
10	OHSLM27 EXIST LUM TO LED 100+ LOCS	EA	
11	OHSLM28 EXIST LUM- LED+WIR FIX 1-50 LOC	EA	
12	OHSLM29 EXIST LUM- LED+WIR FIX 51-99 LO	EA	
13	OHSLM30 EXIST LUM- LED+WIR FIX 100+ LOC	EA	
14	OHSLM01 LAMP PHTOCL LUMINAIRE MAINT	EA	
15	OHSLM02 LMP&PHTOC REPLC/OUTAGE 1ST LOC	EA	
16	OHSLM03 LUMINAIRE REPLACEMENT OH	EA	
17	OHSLM035 STRTN SL POLE(WOOD)	EA	
18	OHSLM036 REWIRE OH SL ARM	EA	
19	OHSLM037 IN/REP OH SL ARM	EA	
20	OHSLM038 CHNG HT. 2NDARY>3FT	EA	
21	OHSLM03A LUM RP ADD LOC. OH	EA	
22	OHSLM040 RP/IN GUY WIRE	EA	
23	OHSLM05 LOC/REPAIR 2NDY OH CNDTR FAULT	EA	
24	OHSLM06 SHADE INSTALLATION	EA	
25	OHSLM09 REFRACTOR REPLACED	EA	
26	OHSLM10 REPAIR OH RECEPTACLE	EA	
27	OHSLM11 REPLACE WOOD POLE	EA	
28	OHSLM12 INSTL SEMI ORNAMENTAL POST	EA	
29	OHSLM14 RELOC SL POLE & ASMBLY LE20FT	EA	
30	OHSLM15 RELOC SL POLE & ASMBLY GR20FT	EA	
31	OHSLM16 RMVE /INSTL OH A/O TRANSFR	EA	
32	OHSLM17 RMVE/ INSTL SGL PH DIST TRANSFR	EA	
33	OHSLM19 RETR SERIES TO MULT W/LE6FT ARM	EA	
34	OHSLM20 RETR UG SERIES OH SEMI-ORN	EA	
35	OHSLM21 REMOVE OPL	EA	
36	OHSLM22 RELOC OPL	EA	
37	OHSLM23 REPAIR OPL	EA	
38	OHSLM24 TRIP CHARGE	EA	
39	SLM105 RP POST W/O F. BASE	EA	
40	SLM106 RP POST W F. BASE	EA	
41	SLM107 RP SL F. BASE ONLY	EA	
42	SLM108 RP D.B. POST	EA	
43	SLM109 REAM SL BASE PLATE	EA	
44	SLM110 RP FOUNDATION	EA	
45	SLM111 OK ON ARRIVAL	EA	
46	SLM112A SERIES PR >= 5 POSTS PER DAY	EA	
47	SLM112B SERIES PR 4 POSTS PER DAY	EA	
48	SLM112C SERIES PR 3 POSTS PER DAY	EA	
49	SLM112D SERIES PR 2 POSTS PER DAY	EA	
50	SLM112E SERIES PR 1 POST PER DAY	EA	

ATTACHMENT E
Pricing Sheets

	A	B	C
51	DESCRIPTION		PRICE PER UNIT
52	SLM113 STR UG SL POST	EA	
53	SLM114 STR UG SL FOUND.	EA	
54	SLM115 REWIRE UG SL POST	EA	
55	SLM116 RP PST W/ F BASE UNP	EA	
56	SLM117 RP F BASE ONLY UNP	EA	
57	SLM118 IN HOT BOX/MAKE SAFE	EA	
58	SLM119 RM FOUNDATION	EA	
59	SLM120 TRIP CHARGE	EA	
60	SLM121 REBUILD ORN. LUM	EA	
61	SLM122 IN SHADE ON UG LUM	EA	
62	SLM123 RP UG STOCK RECPT.	EA	
63	SLM124 RP UG SOM RECPT.	EA	
64	SLM125 RP LENS OR GLOBE	EA	
65	SLM45-TRENCH/PLOW W/O REST., LE 300FT	FT	

ATTACHMENT E
Pricing Sheets

UNDERGROUND UNIT PRICING		
DESCRIPTION		PRICE PER UNIT
SLC10-BOR/INS TWO2- 3IN PVC CC GT 300FT	FT	
SLC11-PVC/CC INSTAL IN OPEN TRENCH	FT	
SLC12-CABLE INSTALL OPEN TRENCH	FT	
SLC13-CONC. FNDTN 21 IN DIA., 4 FT DP	EA	
SLC14-CONC. FNDTN 21IN DIA,GT 4FT DP	EA	
SLC15-CONC. FNDTN 36IN DIA,11FT-6IN DP	EA	
SLC16-CONC. FNDTN 25IN SQ, LE 5FT DP	EA	
SLC17-BREAKAWAY AND SKIRT INSTALLED	EA	
SLC18-DIRECT BURIED POST, LE 20FT	EA	
SLC19-DIRECT BURIED POST, 20FT 1IN-40FT	EA	
SLC1-TRENCH/PLOW W/O REST., LE 300FT	FT	
SLC20-REMOVE, OR RELOCATE FNDTN/POST	EA	
SLC21-REMOVE FNDTN POST LE 30IN	EA	
SLC22-RETRO. POST SERIES TO MULTIPLE	EA	
SLC23-INSTALL L.C. O.H.	EA	
SLC24-INSTALL L.C. U.G.	EA	
SLC25-PEDESTAL INSTALLED	EA	
SLC26-UGUARD INSTALLED	EA	
SLC27-LUMINAIRE AND PHOTOCELL INSTALLED	EA	
SLC28-TERMINATION W/ LUGS	EA	
SLC29-TERMINATION W/ SPLICES	EA	
SLC2-TRENCH/PLOW W/O REST., GT 300FT	FT	
SLC30-TERMINATION W/ COMP. SCREWS	EA	
SLC31-INSTALL METER	EA	
SLC32-G.F.I. INSTAL	EA	
SLC33-REMOVE AND REPLACE CURB	FT	
SLC34-COMPACTION	FT	
SLC35-SAND, FURNISHED AND PLACED	YD3	
SLC37-REM S.L. POST GT 20FT	EA	
SLC3-TRENCH/PLOW W/REST., LE 300 FT	FT	
SLC4-TRENCH/PLOW W/REST., GT 300 FT	FT	
SLC5-BORING NO CONDUIT-LE 300 FT	FT	
SLC6-BORING NO CONDUIT-GT 300 FT	FT	
SLC7-BOR/INS ONE 2- 3IN PVC CC LE 300FT	FT	
SLC8-BOR/INS ONE 2- 3IN PVC CC GT 300FT	FT	
SLC9-BOR/INS TWO 2- 3IN PVC CC LE 300FT	FT	
SLM46-TRENCH/PLOW W/O REST., GT 300FT	FT	
SLM47-TRENCH/PLOW W/REST., LE 300 FT	FT	
SLM48-TRENCH/PLOW W/REST., GT 300 FT	FT	
SLM49-BORING NO CONDUIT-LE 300 FT	FT	
SLM50-BORING NO CONDUIT-GT 300 FT	FT	
SLM51-BOR/INS ONE2- 3IN PVC CC LE 300FT	FT	
SLM52-BOR/INS ONE2- 3IN PVC CC GT 300FT	FT	
SLM53-BOR/INS TWO2- 3IN PVC CC LE 300FT	FT	
SLM54-BOR/INS TWO2- 3IN PVC CC GT 300FT	FT	
SLM55-PVC/CC INSTAL IN OPEN TRENCH	FT	
SLM56-CABLE INSTALL OPEN TRENCH	FT	

ATTACHMENT E
Pricing Sheets

DESCRIPTION		PRICE PER UNIT
SLM57-CONC. FNDTN 21 IN DIA., 4 FT DP	EA	
SLM58-CONC. FNDTN 21IN DIA,GT 4FT DP	EA	
SLM59-CONC. FNDTN 36IN DIA,11FT-6IN DP	EA	
SLM60-CONC. FNDTN 25IN SQ, LE 5FT DP	EA	
SLM61-BREAKAWAY AND SKIRT INSTALLED	EA	
SLM62-DIRECT BURIED POST, LE 20FT	EA	
SLM63-DIRECT BURIED POST, 20FT 1IN-40FT	EA	
SLM64-REMOVE, OR RELOCATE FNDTN/POST	EA	
SLM65-REMOVE FNDTN POST LE 30IN	EA	
SLM66-RETRO. POST SERIES TO MULTIPLE	EA	
SLM68-INSTALL L.C. U.G.	EA	
SLM70-UGUARD INSTALLED	EA	
SLM71-LUMINAIRE AND PHOTOCELL INSTALLED	EA	
SLM72-TERMINATION W/ LUGS	EA	
SLM73-TERMINATION W/ SPLICES	EA	
SLM74-TERMINATION W/ COMP. SCREWS	EA	
SLM76-G.F.I. INSTAL	EA	
SLM77-REMOVE AND REPLACE CURB	FT	
SLM78-COMPACTION	FT	
SLM79-SAND, FURNISHED AND PLACED	YD3	
SLM80-REPL S.L.POST	EA	
SLM81-PAINT & REPL S.L. POST	EA	
SLM82-REM/REPLSTEEL OR D.B. POST (K.D.)	EA	
SLM83-REM/REPLBASE/ STEEL POST W/D.B.	EA	
SLM84-REM/REPL BASE REINSTALL POST	EA	
SLM85-S.L.LUMINAIRE MAINT., 1ST LOC.	EA	
SLM86-S.L.LUMINAIRE MAINT., ADDL. LOC.	EA	
SLM87-LOCATE/REPAIR CABLE FAULTS	EA	
SLM89-REM S.L. POST GT 20FT	EA	
SLM67-INSTALL L.C. O.H.	EA	
SLM88-REM S.L. POST LE 20FT	EA	
SLM90 INSTALL ANCILLARY EQUIPMENT	EA	
SLM91 LAMP, PHTCL, LUMINAIRE MAINT	EA	
SLM92 LUMINAIRE REPLACEMENT	EA	
SLM92A LUM RP ADD LOC. UG	EA	

ATTACHMENT E
Pricing Sheets

LABOR PRICING				
DESCRIPTION	UNIT	STRAIGHT TIME	OVER TIME	DOUBLE TIME
L01-OPERATOR MDCA1 DAYDT	HR			
L03-FOREMAN DAYDT	HR			
L04-FOREMAN JUNIOR DAYDT	HR			
L04-FOREMAN JUNIOR DAYST	HR			
L06-LABORER APPR. 0-1000HRS DAYST	HR			
L07-LABORER, APPR. 1001-2000HRS DAYST	HR			
L08-LABORER, APPR. 2001-3000HRS DAYST	HR			
L09-LABORER, APPR. 3001-4000HRS DAYST	HR			
L10-LABORER MDCA1 DAYDT	HR			
L13-WELDER JOURNEYMAN DAYST	HR			
L14-INSTALLER JOURNEYMAN DAYST	HR			
L17-FOREMAN MARKUP INCLUDING PICK-UP	HR			
MISC OTHER MARK UP	EA			
L04-SKILLED WORKER DAYST	HR			
L06-LABORER APPR. 0-1000HRS DAYDT	HR			
L08-LABORER, APPR. 2001-3000HRS DAYDT	HR			
L10-LABORER MDCA1 DAYST	HR			
L13-WELDER JOURNEYMAN DAYDT	HR			
LINEMAN APPRENTICE LEVEL 1	HR			
LINEMAN APPRENTICE LEVEL 2	HR			
LINEMAN APPRENTICE LEVEL 3	HR			
LINEMAN APPRENTICE LEVEL 4	HR			
LINEMAN APPRENTICE LEVEL 5	HR			
LINEMAN APPRENTICE LEVEL 6	HR			
LINEMAN APPRENTICE LEVEL 7	HR			
LINEMAN FOREMAN A	HR			
LINEMAN FOREMAN B	HR			
LINEMAN FOREMAN C	HR			
LINEMAN JOURNEYMAN	HR			
LINEMAN SPECIALIST	HR			
LO3-FOREMAN DAYDT INCLUDING PICK-UP	HR			

ATTACHMENT E
Pricing Sheets

O&M LABOR PRICING

Name	UNIT	STRAIGHT TIME	OVER TIME	DOUBLE TIME
MC-OH1, LUM REPLACEMENT	HR			
MC-OH1A, LUM REPLACEMENT	HR			
MC-OH2, REP PHOTOCELL	HR			
MC-OH2A, Rep Photocell	HR			
MC-OH3, INSTALL SHADE	HR			
MC-OH4, REM/INSTALL CON	HR			
MC-OH5, REPLACE LC	HR			
MC-OH6, REFRACTOR REP	HR			
MC-OH7, REPAIR RECEPT	HR			
MC-OH8, REPLACE W. POLE	HR			
MC-OH9, INSTALL W POLE	HR			
MC-OH10, Rem/Haul W Pole	HR			
MC-OH11, Rem/Install Arm	HR			
MC-OH12, Trip Charge	HR			
MC-OH13, Straight W Pole	HR			
MC-OH14, Rewire OH Light	HR			
MC-OH15, Rem/Install Guy	HR			
MC-OH16, Clean/Tag Pole	HR			
MC-OH17, LEAVE & CUT POL	HR			
MC-OH50, INS. GUY ANCHOR	HR			
MC-OH51, INSTALL GR R&W	HR			
MC-UG1-120V, INSTALL SKIRT	HR			
MC-UG2-120V, INSTALL OH LC	HR			
MC-UG3-120V, INSTALL UG LC	HR			
MC-UG4-120V, INSTALL LUM	HR			
MC-UG4A-120V, INSTALL LUM	HR			
MC-UG5-120V, INSTALL PC	HR			
MC-UG5A-120V, INSTALL PC	HR			
MC-UG6-120V, OK ON ARRIVAL	HR			
MC-UG7-120V, INSTALL SHADE	HR			
MC-UG8-120V, REP GLOBE/LENS	HR			
MC-UG9-120V, REM/HAUL DECOR	HR			
MC-UG10-120V, TAG POLE	HR			
MC-UG1-480V, INSTALL SKIRT	HR			
MC-UG2-480V, INSTALL OH LC	HR			
MC-UG3-480V, INSTALL UG LC	HR			
MC-UG4-480V, INSTALL LUM	HR			
MC-UG4A-480V, INSTALL LUM	HR			
MC-UG5-480V, INSTALL PC	HR			
MC-UG5A-480V, INSTALL PC	HR			
MC-UG6-480V, OK ON ARRIVAL	HR			
MC-UG7-480V, INSTALL SHADE	HR			
MC-UG8-480V, REP GLOBE/LENS	HR			
MC-UG9-480V, REM/HAUL DECOR	HR			
MC-UG10-480V, TAG POLE	HR			
MC-SLM93, INSTALL HH	HR			
MC-SLM94, INSTALL CONDUIT	HR			
MC-SLM95, INSTALL GR R&W	HR			
MC-SLM96, STRAIGHT DB POL	HR			
MC-SLM97, FND REMOVAL 9"	HR			
MC-SLM98, FND REMOVAL 36"	HR			
MC - TT1, TREE TRIMMING 1	HR			
MC - TT2, TREE TRIMMING 2	HR			
MC - TT3, TREE TRIMMING 3	HR			
MC-OHSLM05, LOCATE 2NDARY F	HR			
MC-OHSLM42, HAND DIG	HR			
MC-OH52, MAKE SAFE CREW	HR			
MC-OH53, MAKE SAFE CREW	HR			
MC-OH53A, MAKE SAFE CREW	HR			
MC-UGSLM82, REP METAL POLE	HR			
MC-UGSLM87, LOCATE 2NDARY F	HR			

ATTACHMENT E
Pricing Sheets

O&M LABOR PRICING

Name	UNIT	STRAIGHT TIME	OVER TIME	DOUBLE TIME
MC-UGSLM108, REPLACE DB POST	HR			
MC-UGSLM118, INSTALL HOT BOX	HR			
MC-SLM78, COMPACTION	HR			
MC-UGMW9, SAW CUT	HR			
MC-UGMW38, CONC. UP TO 6"	HR			
MC-OH55, AFTER HRS CREW	HR			
MC-OH55A, AFTER HRS CREW	HR			
MC-UGMW34, CONC. UP TO 4"	HR			
MC-SLM77, REPLACE CURB	HR			
MC - TT3A, MULT. TRIMMING	HR			
MC-OH18, PICK UP POLE	HR			
MC-OH18A, PICK UP POLE 2	HR			
MC-OH19, TESTING @ LUM	HR			
MC-OH20, Test LC @ Str	HR			
MC-OH21, Test LC @ Ease	HR			
MC-OH22, INSTALL FUSE	HR			
MC-OH23, REPLACE FUSE	HR			
MC-UGSLM73, CABLE TERM	HR			
MC-OH25, LEVELING LUM	HR			
MC-OH25A, LEVELING LUM	HR			
MC-OH26, RESAG OH SPAN	HR			
MC-SLC15, INSTALL FDN	HR			
MC-UGSLM27, INSTALL UG<200	HR			
MC-UGSLM27R, REMOVE UG <200	HR			
MC-UGSLM28, LOCATE UG FAULT	HR			
MC-UGSLM29, OPEN TRENCHING	HR			
MC-UGSLM30, DAY HAND DIG	HR			
MC-UGSLM31, CONDUIT <100	HR			
MC-UGSLM31A, CONDUIT >100	HR			
MC-MW3, Seed/Mulch <50	HR			
MC-MW3A, Seed/Mulch >50	HR			
MC-MW19, Conc/Asph <100	HR			
MC-MW19A, Conc/Asph >100	HR			
MC-UGSLM27(200), INSTALL UG>200	HR			
MC-UGSLM27R(200), REMOVE UG >200	HR			
MC-UGSLM32, REPLACE UG <200	HR			
MC-UGSLM32(200), REPLACE UG >200	HR			
MC-UGSLM33, SAFETY MANHOLE	HR			
MC-UGSLM34, DEWATERING	HR			
MC-UGSLM35, CUT POLE TOP	HR			
MC-MW9, SAW CUT	HR			
MC-MW34, CONC. UP TO 4"	HR			
MC-MW38, CONC. UP TO 6"	HR			
MC-OH24, INSTALL LC SEAL	HR			
MC-SLM99, FND WITH STEEL	HR			

ATTACHMENT E

Pricing Sheets

MATERIAL PRICING		
DESCRIPTION	UNIT	PRICE PER UNIT
M100-CABLE,7130878, #2 STREETLIGHT	FT	
M101-CABLE,7130614, 2/0 SECONDARY	FT	
M102-CABLE,7130536, 3/0 SECONDARY	FT	
M103-CABLE,7130537, 350 SECONDARY	FT	
M200A-UGUARD, STEEL, 3-1/2IN	EA	
M200-UGUARD, STEEL UP TO 3-1/2IN	EA	
M201A-UGUARD, PLASTIC, 3-1/2IN	EA	
M201-UGUARD, PLASTIC UP TO 3-1/2IN	EA	
M201-UGUARD, PLASTIC UP TO 3-1/2IN	EA	
M202-PEDESTAL COMPLETE	EA	
M202-PEDESTAL COMPLETE	EA	
M203-PEDESTAL CONN.SET	EA	
M204A-3/0 SPLICE KIT	EA	
M204B-350 SPLICE KIT	EA	
M204-SPLICES, SCNDRY UP TO 350MCM	EA	
M205-LUGS, ALUM. UP TO 350MCM	EA	
M206-BOX PAD, UDT, COMPLETE	EA	
M207-MARKER TEMP. CABLE	EA	
M208-CAPS, SEALING PRIMARY CABLE	EA	
M209-LOCK, DISPOSABLE	EA	
M210-BOX PAD, P.S.C.	EA	
M211-UGUARD ADAPTER, 3-1/2IN	EA	
M305-2IN PVC W/FTGS SCH40 NEMA TC-2,F512	FT	
M306-3IN PVC W/FTGS SCH40 NEMA TC-2,F512	FT	
M309-2IN HDPE W/FTG ID1.75-2.25 2160-01	FT	
M310-3IN HDPE W/FTG ID2.75-3.25 2160-01	FT	
M327-2IN PVC,SWP 90 DEG. 12IN RAD SCH 40	EA	
M328-3IN PVC,SWP 90 DEG. 24IN RAD SCH 40	EA	
M500-TOP SOIL, 1-5 CUYD	YD3	
M501-TOP SOIL, 6-34 CUYD	YD3	
M502-ROCK SALT, 60LB.	BAG	
M503-MULE TAPE 1250LB-MEASR & PULL	FT	
M504-STRAW	BLE	
M505-GRASS SEED	LB	
M506-SOD, 1-25 SQYD	YD2	
M507-SOD, 26-75 SQYD	YD2	
M508-SOD, GT 75 SQYD	YD2	
M509-COLD PATCH, 1/4 - 4 CUYD, CP6	YD3	
M510-COLD PATCH, GT 4 CUYD, CP6	YD3	
M511-FILL SAND 1-5 CUYD	YD3	
M512-FILL SAND 6-34 CUYD	YD3	
M700-CNCTR, CBL, TAP, ALUM., #2-1/0	EA	

ATTACHMENT E

Pricing Sheets

MATERIAL PRICING		
DESCRIPTION	UNIT	PRICE PER UNIT
M701-CAP, PROTECTIVE 1-1/2 X 4, NEOPRENE	EA	
MISC MATERIAL MARKUP	EA	
M200-UGUARD, STEEL 2-1/4IN	EA	
M201-UGUARD, PLASTIC 2-1/4IN	EA	
M204-2/0 SPLICE KIT	EA	

ATTACHMENT E

Pricing Sheets

EQUIPMENT PRICING				
DESCRIPTION		DAILY	WEEKLY	MONTHLY
E01-AIR COMPRESSOR, 150-199 CFM W/TOOLS	HR			
E02-ARRW BRD TRAILER	HR			
E03-BACKHOE LOADER 55-64 HP	HR			
E04-BACKHOE LOADER 65-74 HP	HR			
E05-BACKHOE LOADER 75 HP OR GRTR	HR			
E06-BARRICADE, 46 TYPE II,W/FLSHR	DAY			
E07-BARRICADE, 46 TYPE II,WO/FLSHR	DAY			
E08-BLOWER, VENT W/HOSE	HR			
E09-BRKR,HYD,EQUIP MNTD 500-700 FT LB.	HR			
E10-COMPACTOR, BACKHOE MNTD	HR			
E11-COMPACTOR, EXCAVATOR MNTD	HR			
E12-COMPACTOR, WALK BEHIND	HR			
E13-DIRCTNL BORE, 5K-10K PULLBACK	HR			
E14-DIRCTNL BORE, GT10K-20K PULLBACK	HR			
E15-DIRCTNL BORE, GT20K-30K PULLBACK	HR			
E16-DIRCTNL BORE, GT30K-50K PULLBACK	HR			
E17-DIRCTNL BORE, GT50K-80K PULLBACK	HR			
E18-DIRCTNL BORE, GT80K-120K PULLBACK	HR			
E19-DOZER 51-79 HP CLASS	HR			
E20-EXCAVATOR 15K-35K LB CLASS	HR			
E21-EXCAVATOR GT35K-50K LB CLASS	HR			
E22-FAULT LOCATOR, SECONDARY CABLE	HR			
E23-GENERATOR, 2600-5000 WATT	HR			
E24-GENERATOR, 5001-7500 WATT	HR			
E25-TRACTOR LANDSCAPE, 25 H.P.	HR			
E26-MIXER CONCRETE AND MORTAR	HR			
E27-MNTR,ATMOSPHERE CONFINED SPACE	HR			
E28-PLOW, CABLE, 12-24IN	HR			
E29-PNUMTC PIERCING TOOLS, 2-4IN DIA	HR			
E30-PWR WASHER, GASOLINE GT 2500 PSI	HR			
E31-PRESS, CNNCTR 6 T, VC6 OR EQUIV.	HR			
E32-PRESS, CNNCTR 15 T, VC8 OR EQUIV.	HR			
E33-PUMP, CENTRIF DIAPHRAM W/HOSE, 3IN	HR			
E34-ROAD PLATE 30-50 SQ FT	DAY			
E35-ROAD PLATE GT 50 SQ FT	DAY			
E36-ROAD SIGN	DAY			
E37-RODDER TRUCK, 6000-9000 PULLBACK	HR			
E38-SAW, GAS, CIRC. CUT OFF/CHAIN SAW	HR			
E41-SNOW FENCE, PLASTIC W/SUPPORTS	DAY			
E42-TORCH, CUTTING, W/TANKS AND TOOLS	HR			
E43-TRACTOR W/ST SWPR, GE 72IN	HR			
E44-TRLR, CBL REEL, UP TO 10FT REEL	HR			
E45-TRLR, DUMP, 35 CYD	HR			
E46-TRLR, TAGALONG, 10/14.99 TON	HR			
E47-TRLR, TAGALONG, GE 15 TON	HR			
E48-TRLR, LO-BOY, 20-50 TON	HR			

ATTACHMENT E
Pricing Sheets

E49-TRLR, SEMI-FLATBEAD, 40FT	HR			
EQUIPMENT PRICING				
DESCRIPTION		DAILY	WEEKLY	MONTHLY
E50-TRLR, UTILITY, 2000 LB. CAP.	HR			
E51-TRENCH JACKS	DAY			
E52-TRENCHER, 35-59 HP CLASS	HR			
E53-TRENCHER, 60-99 HP CLASS	HR			
E54-TRENCHER, 15-34 HP CLASS	HR			
E55-TRENCHER, UP TO 30 IN DP,WLK BEHIND	HR			
E56-TRUCK, GE 1 1/2 TN FLAT-BED	HR			
E57-TRUCK,3/4 T P/U OR 1 TON STAKE	HR			
E58-TRUCK, W/TAKE-UP REEL	HR			
E59-TRUCK, BUCKET 45FT WORKING HEIGHT	HR			
E60-TRUCK, CBL REEL HYDRAULIC	HR			
E61-TRUCK,VAC/SEWER 12 CYD W/JET HOSE	HR			
E62-TRUCK, DUMP 2-5 CYD	HR			
E63-TRUCK, DUMP 6-10 CYD	HR			
E64-TRUCK, DUMP 11-20 CYD	HR			
E65-TRUCK, FLATBED, W/BOOM,3000-8000 LB	HR			
E66-TRUCK, TRACTOR, 5TH WHL,W/BOOM >9000	HR			
E67-TRUCK, TRACTOR, 5TH WHL, TANDEM AXLE	HR			
E68-TRUCK, VACUUM, 10 CYD TANK	HR			
E69-TRUCK, WINCH 10,000 LB WINCH	HR			
E70-WELDER PORTABLE (COMPLETE)	HR			
E71-WHEEL LOADER, 1 - 1 3/4 YD BKT	HR			
E72-WHEEL LOADER, SKID STR, 1/2 YD BKT	HR			
MISC EQUIPMT MARKUP	EA			
BUCKET TRUCK .	EA			
DERRICK TRUCK .	EA			
DRIVER POLE HAUL	HR			
DRVR/MAT HANDLER HA .	HR			
GROUNDMAN .	HR			
GROUNDMAN LINE CREW	HR			
HELPER POLE HAUL	HR			
HYDRAULIC TRUCK .	EA			
PICKUP TRUCK .	EA			
POLE TRAILER SINGLE AXLE	EA			
STLT LUMINAIRE	EA			
TRAILER FLASHING ARROW	EA			
TRAILER LOWBOY DOUBLE AXLE	EA			
TRAILER MATERIAL	EA			
TRUCK W/KNUCKLE BOOM	EA			

ATTACHMENT E
Pricing Sheets

MISC. UNIT PRICING		
DESCRIPTION	UNIT	PRICE PER UNIT
MW10.1-CONC/ASPH UP TO 8IN, 26-100	FT2	
MW11.1-CONC/ASPH UP TO 8IN, 26-100 MDOT	FT2	
MW12.1-CONC/ASPH UP TO 8IN, 101-500	FT2	
MW13.1-CONC/ASPH UP TO 8IN,101-500 MDOT	FT2	
MW14.1-CONC/ASPH UP TO 10IN, 26-100	FT2	
MW15.1-CONC/ASPH UP TO 10IN,26-100 MDOT	FT2	
MW16.1-CONC/ASPH UP TO 10IN, 101-500	FT2	
MW17.1-CONC/ASPH UP TO 10IN,101-500 MDOT	FT2	
MW18.1-CONC/ASPH UP TO 12IN, 26-100	FT2	
MW19.1-CONC/ASPH UP TO 12IN,26-100 MDOT	FT2	
MW1-LEVEL DEAD FRONT XFMR	EA	
MW1-LEVEL DEAD FRONT XFMR	EA	
MW20.1-CONC/ASPH UP TO 12IN, 101-500	FT2	
MW21.1-CONC/ASPH UP TO 12IN,101-500 MDOT	FT2	
MW22.1-ASPHALT UP TO 2IN, 26-100	FT2	
MW23.1-ASPHALT UP TO 2IN, 26-100 MDOT	FT2	
MW24.1-ASPHALT UP TO 2IN, 101-500	FT2	
MW25.1-ASPHALT UP TO 2IN,101-500 MDOT	FT2	
MW26.1-ASPHALT UP TO 4IN, 26-100	FT2	
MW27.1-ASPHALT UP TO 4IN, 26-100 MDOT	FT2	
MW28.1-ASPHALT UP TO 4IN,101-500	FT2	
MW29.1-ASPHALT UP TO 4IN,101-500 MDOT	FT2	
MW2-REPLACE PEDESTAL	EA	
MW2-REPLACE PEDESTAL	EA	
MW3.1-SEED/MULCH FURN/PLACED, 1-25	FT2	
MW3.1-SEED/MULCH FURN/PLACED, 1-25	FT2	
MW30.1-ASPHALT UP TO 6IN, 26-100	FT2	
MW31.1-ASPHALT UP TO 6IN, 26-100 MDOT	FT2	
MW32.1- ASPHALT UP TO 6IN, 101-500	FT2	
MW33.1-ASPHALT UP TO 6IN,101-500 MDOT	FT2	
MW34.1-CONC. UP TO 4IN, 26-100	FT2	
MW35.1-CONC. UP TO 4IN, 26-100 MDOT	FT2	
MW36.1-CONC. UP TO 4IN, 101-500	FT2	
MW37.1-CONC. UP TO 4IN,101-500 MDOT	FT2	
MW38.1-CONC. UP TO 6IN, 26-100	FT2	
MW39.1-CONC. UP TO 6IN, 26-100 MDOT	FT2	
MW4.1-SEED/MULCH FURN/PLACED, 26-100	FT2	
MW40.1-CONC. UP TO 6IN, 101-500	FT2	
MW41.1-CONC. UP TO 6IN,101-500 MDOT	FT2	
MW42.1-CONC. UP TO 8IN, 26-100	FT2	
MW43.1-CONC. UP TO 8IN, 26-100 MDOT	FT2	
MW44.1-CONC. UP TO 8IN, 101-500	FT2	
MW45.1- CONC. UP TO 8IN,101-500 MDOT	FT2	
MW5.1-SEED/MULCH FURN/PLACED, 101+	FT2	
MW6.1-SOD FURN/PLACED, 1-25	FT2	
MW7.1-SOD FURN/PLACED, 26-75	FT2	
MW8.1-SOD FURN./PLACED, 76+	FT2	

ATTACHMENT E
Pricing Sheets

MISC. UNIT PRICING		
DESCRIPTION	UNIT	PRICE PER UNIT
MW9.1-SAW CUT CONC OR ASPHALT	FT2	
MWC1-O.K. ON ARRIVAL	EA	
MWC2-WORK PREV COMP. BY OTHERS	EA	
MWC3-WORK SITE NOT READY	EA	
SL100- DEMOBOLIZATION	EA	
SL101- REMOBILIZATION	EA	
SL102-WINTER CONST CHARGE	FT	
MW5.1 SEED MULCH FRNSH,PLC 101 - 500	FT2	
MW5A.1 SEED MULCH FRNSH,PLC 501+ SQFT	FT2	
MW5B.1 SEED MULCH FRN,PL,1,001-2,500FT	FT	
MW5C.1 SEED MULCH FRN,PL,2,501-5,000FT	FT2	
MW5D.1 SEED MULCH FRN,PL,5,001-10,000F	FT	
MW5E.1 SEED MULCH FR,PL,10,001-20,000F	FT	

ATTACHMENT E
Pricing Sheets

DESCRIPTION	PERCENT
SUBCONTRACTOR LABOR COST PLUS MARKUP	
EQUIPMENT COST PLUS MARKUP	
MATERIAL COST PLUS MARKUP	