

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 | 127	
2. Amendment/Modification Number No. 3		3. Effective Date See Block 16C	4. Requisition/Purchase Request No.	5. Solicitation Caption: Federal Aid Citywide Streetlight Construction	
6. Issued By: District Department of Transportation Construction Contract Branch 2000 14th Street, NW, 6th Floor Washington, DC 20009			7. Administered By (If other than line 6) Procurement Support Branch 2000 14th Street, NW, 3rd Floor, Bid Room Washington, DC 20009		
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X)	9A. Amendment of Solicitation No. POKA-2006-B-0099-JJ	
				9B. Dated (See Item 11) 1/8/2007	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code			Facility		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>2</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. This change order is issued pursuant to: (Specify Authority)					
The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.					
C. This supplemental agreement is entered into pursuant to authority of:					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>2</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
THE BID OPENING DATE OF MARCH 14, 2007 WILL NOT BE EXTENDED					
Amendment No. 3 is issued to:					
1.Address questions from bidders 2.Provide other clarifications to the bidding documents. 3. Provide additional drawings 4. Replace the Pay Item Schedule 5. Update the Wage Decision					
This amendment consist of this cover page and 126 pages attached hereto.					
The Revised Drawings are available only from the Office of Contracting and Procurement Bid Room located at the Reeves Center, 2000 14th Street, N.W., 3rd Floor, Washington, D.C. 20009					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer		
			Jerry M. Carter		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia		16C. Date Signed
					3/1/2007
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

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1. SCOPE OF WORK:

The work consists of upgrading existing streetlights and installing new **streetlights in the District of Columbia (streetlights refer to all roadway lighting, including alley lights)**. This is an indefinite delivery-indefinite quantity (ID-IQ) type contract; therefore, DDOT will assign any construction task order to the Contractor on an as-needed basis. This contract covers both new streetlight construction as well as streetlight upgrades. The project locations can be citywide. Depending on the design, the streetlight hardware can be of any type. For streetlight upgrades, new lighting systems shall be installed before the existing system is removed, unless the existing poles are replaced at the same location.

Work under this contract includes, but is not limited to the following items:

- a. Implementation and maintenance of vehicular and pedestrian traffic for the construction period.
- b. Installation and removal of streetlight poles, streetlight fixtures, luminaires, and conversion kits.
- c. Installation and removal of cables and conduits.
- d. Tree trimming for streetlight illumination.
- e. Repair of cuts to sidewalks and roadways, and restoration of tree space damaged by work under this contract. Any affected surface, including pavement and sidewalk, shall be permanently repaired to match the existing surface. For asphalt surface, Superpave shall be used per specifications contained herein. Per requirements set forth by the utility cut regulation (Appendix), the affected pavement, if asphalt or composite, shall be milled and overlaid, and if PCC, shall be replaced from joint to joint.
- f. Removal and installation of poles may require relocation/removal of signs, call box, or other ground-mounted minor objects, which will be incidental to the task. All signs attached to the affected poles must either be transferred to U-posts, and/or to the new poles (if the location is appropriate).
- g. Re-striping the affected pavement back to the original look is incidental to the repaving task. The markings shall be retroreflective thermoplastic.
- h. The Potomac Electric Power Company currently supplies power to the existing streetlight system from its manholes and overhead wires. Pepco will continue to supply power to the permanent streetlighting system; however, the Contractor shall install the new feeder cables into Pepco's facilities, under Pepco's supervision and inspection.

When required, the Contractor shall cut the existing D.C. cables from inside Pepco's manholes after the service tap to the Pepco's distribution system. Pepco owns the service tap onto their electrical system. D.C. owns the cable after the service tap.

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and adjacent thereto. The utilities include, but are not limited to, public and/or private water, sewer, electricity, gas, and communications lines. No separate measurement or payment will be made. Cost of this protective work shall be reflected and distributed among the contract pay items.

- n. Upon receipt of a Notice to Proceed, the Contractor shall be responsible, physically and monetarily, for maintenance and/or repair of all streetlights and circuits within the project area, including installation of any temporary lights **(which is incidental to all the pay items)** during the construction. The Contractor shall submit streetlight maintenance report on a weekly basis to DDOT to include the problem and repair logs with associated date and details. If no repair work is done in a certain week, the report must state so.
- o. The Contractor shall setup a website to disseminate the construction schedule and status information to the public, as a link to DDOT's website. The construction schedule shall, at a minimum, include the date, time and location of upcoming construction, and information on any traffic operational changes, such as lane closure, lane narrowing, etc. The website shall be updated as frequently as needed so that at least 1 week of advance information is available at any time. There is no separate pay item for this task and the cost should be included in the overall cost of the contract.
- p. **DDOT will enter the information (attributes and location coordinates) in its database/geographical information system (GIS) for pole, manhole, cable and conduits. The Contractor shall supply this information to DDOT as incidental to individual pay items, for any installation, modification or removal. The location coordinate shall have an accuracy level within a meter. The Contractor shall deliver this information in a format provided by DDOT. The contractor shall use its own equipment (including hardware, software and any GPS tool for gathering the coordinate information) to gather the necessary data.**
- q. Clearing and grubbing is incidental to any installation or removal of street lighting equipment (pole, conduits, manhole), if necessary by the installation/removal or indicated on the plan. Similarly, erosion and sediment control is incidental to any installation of street lighting equipment (pole, conduits, manhole), if necessary or indicated on the plan. These incidental items are required to be completed per Standard Specifications. There are no separate pay items for them; costs shall be reflected and distributed in other contract pay items.

There is no separate pay item for Mobilization; costs shall be reflected and distributed in other contract pay items.

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2. COORDINATION WITH OTHERS:

This Special Provision supplements 103.01, Article 18 of the Standard Specifications.

In preparation of his/her bid, the bidder is advised to take into consideration of the fact that other contracts have been, will **be or may be working in the vicinity of the project area** (that are to be assigned during the course of the contract). The Contractor shall coordinate his work and cooperate fully with all others in order to eliminate or curtail delays and interference of any kind. Particular attention shall be paid with regard to proper maintenance of highway traffic through the project area. The Contractor shall perform his lane closing and reopening so as not to cause interference with others or to be in conflict with performance of traffic maintenance by others.

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provided that the government shall give the Contractor a preliminary written notice of its intent to extend at least thirty (30) days before the contract expires. The preliminary notice does not commit the government to an extension. The exercise of this option is subject to the availability of funds at the time of the exercise of this option

Should the District elect to exercise the option years, an additional period of 365 days will be allowed per option year.

The above-mentioned "contract period" defines the period during which DDOT can assign an individual task order to the consultant. For each construction task assigned under this contract, a task completion time will be negotiated at the individual task level. The Contractor shall start work on the date specified in a written Notice to Proceed (NTP) for the task issued by the Contracting Officer, and shall complete the work within the negotiated time period. This is applicable to both the base year and option years.

The task order duration may be shorter than the actual "contract period", or may extend beyond the "contract period", in which case, the "contract period" shall be automatically extended up to the end date of the task order(s) duration(s) for the affected task orders only.

7. CONTRACT TYPE:

INDEFINITE QUANTITY CLAUSE

This is an indefinite-quantity contract for the supplies and/or services specified, and effective for the period stated. The quantities of supplies and/or services specified in the Schedule are estimates only. Individual bid items must not be unbalanced since precise Quantities and locations are unknown at this time.

Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering Clause. The Contractor shall furnish to the District Government, when and if ordered, the supplies and/or services specified in the Schedule (Section B) up to and including the maximum of **seven million (\$7,000,000.00)**. The District Government will order at least the minimum amount of one hundred thousand dollars (\$100,000.00). The minimum and maximum will be the same for all option years. There is no limit on the number of orders that may be issued. The District Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and District's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period.

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39. PAVEMENT PROFILING (MILLING), ITEM: 606 002

A. GENERAL

This Special Provision supplements 606.

Estimated two (2) inch milling shall be done on the pavement affected by conduit cuts, following the utility cut regulation (Appendix).

B. MEASURE AND PAYMENT

The unit of measure will be per square yard of the estimated 2" milling of the pavement.

Payment will include all labor, tools, materials, equipment necessary to complete the work specified herein.

40. REPAIR-REPLACE PCC SIDEWALK, BRICK SIDEWALK, BRICK ALLEY AND EXPOSED AGGREGATE PCC SIDEWALK, ITEMS: 608 016, 608 020, 608 032, 000515, 608 034

A. GENERAL THIS SP SUPPLEMENTS 608.02 AND 608.04 AS FOLLOWS:

Work includes repairing the affected sidewalk adjacent to the foundation cut-in (when the street light pole foundation is removed or installed) or where trenches are cut on the sidewalk for installing conduits. It also includes repairing and replacing any existing damaged sidewalk adjacent to the pole. The Contractor shall supply all labor, tools, materials and equipment necessary for the removing existing sidewalk, installing new sidewalk and adjusting it the approved grade including excavation, backfill, sand-cement, bricks and all incidentals necessary to complete the above work as directed by the Engineer.

When repairing brick sidewalk, the Contractor will dispose of unusable brick and the replacement brick shall match the size, color and pattern of the existing as directed by the Engineer.

The extent of repair and the method shall be determined by the Utility Cut Regulation (See Appendix), unless otherwise mentioned.

All material removed shall become the property of the contractor and will be disposed of at no additional cost to the District.

B. MEASURE AND PAYMENT

The unit of measure will be per square yard of the sidewalk replaced/repared. Payment will include all labor, tools, materials, equipment necessary to complete the work specified herein.

41. REPAIR-REPLACE STONE WALKWAY, ITEM: 000 514

This SP supplements 608 as follows:

A. GENERAL

Work included repairing the affected stone or block walkways where trenches are cut in for installing conduits. The Contractor shall supply all labor, tools, materials and equipment necessary for the removing existing walkway before trenching and installing it back after the conduits are installed and adjusting it the approved grade including excavation, backfill, and all incidentals necessary to complete the above work as directed by the Engineer. The same stones or blocks will be reused. The Contractor shall not damage the stones or blocks and store it with care.

All material removed shall become the property of the contractor and will be disposed of at no additional cost to the District.

B. MEASURE AND PAYMENT

The unit of measure will be per square yard of the stone walk walkway repaired/ replaced. Payment will include all labor, tools, materials, equipment necessary to complete the work specified herein.

42. Repair Curb and/or Gutter, ItemS: 609 002, 609 050,609 052, 609 068, 609 070, 609 072, 609 086

This SP supplements 609 as follows:

A. GENERAL

Work includes resetting and/or repairing the curb **and/or gutter** disturbed by the installation of the streetlighting hardware and conduits, or as directed by the Engineer.

All material removed shall become the property of the contractor and will be disposed of at no additional cost to the District.

B. MEASURE AND PAYMENT

The unit of measure will be per LINEAR FOOT of the curb **and/or gutter** reset or repaired. Payment will be made at the contract unit price per linear foot for all sizes both straight and circular, which payment will include all labor, tools, materials, equipment necessary to complete the work specified herein.

43. PCC WHEELCHAIR/BICYCLE RAMPS, ITEM 609 204

This S.P. modifies 609.04(F) and 609.04(G) are modified by the following:

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VII. EFFECTIVE DATE

This order is effective ORIGINATION OFFICE: PUBLIC SPACE OFFICE
CONTACT PERSON AND TELEPHONE NUMBER: Denise Turner (202) 671-2800.

No measure or payment will be made for erecting Notice of Major, Non-Major, and Emergency Excavation Signs in the Public Right-of-Way. This will be considered as incidental part of the work under this item. Absolutely no work shall start if these requirements are not met.

G. MEASURE

The unit of measure of Maintenance of Traffic will be percentage of dollar value of work completed under each assigned task to the total contract value. The Contractor will be paid the equivalent percentage of the total value of the pay item for Maintenance of Traffic. This payment is contingent on the Contractor's submission and DDOT's approval of traffic Control Plan(s).

To establish the procedure for payment for this bid item, a separate tab will need be maintained for the *task order values excluding this pay item* (i.e., 616 001), besides the *total task order values*. To clarify the measure and payment method under this contract, a hypothetical illustration is provided (*Note: the numbers shall not to be taken as any suggestion for bidding this contract*). Assume that the Contractor bids \$200,000 for this pay item (616 001) out of a total contract value of \$8,200,000 for a certain year. The total contract amount excluding the Pay Item 616 001 would be \$8,000,000. Say, DDOT ends up actually awarding \$7,000,000, excluding 616 001 (instead of \$8,000,000) for all task orders in that year. Then, the Contractor will be paid 7/8 of \$200,000, under this Pay Item (616 001).

H. PAYMENT

Payment for all traffic control devices such as flaggers, flashing arrow panels, channelizing drums, cones, construction warning signs, detour signs, sign support, pedestrian control signs, temporary pavement markings, orange flags, warning lights, barricades, portable barriers, delineators, attenuators and all other materials, tools, labor and equipment necessary to complete that item of work is included in the task and will be made at the percentage of completion (interpolated or extrapolated depending on the volume of actual work assigned) of the total contract at the end of each assigned task.

48. HIGH PRESSURE SODIUM AND METAL HALIDE COBRAHEAD LUMINAIRE CUT-OFF, ITEMS: 000 506, 618 724, 618 730, 618 742, 618 754, 618 766, 618 772

A. DESCRIPTION

The contractor shall furnish all labor, materials and equipment necessary to install any High-Pressure Sodium (HPS) Vapor or Metal Halide luminaire. All luminaires installed

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B. MEASURE AND PAYMENT

The unit of measure will be per each Conversion Kit, lamp and photocell furnished and/or installed.

Payment will be made at the contract unit price per each, which payment will include all labor, equipment, tools, materials, and all incidentals necessary to complete the work as specified herein.

51. PLASTIC GLOBE, ITEMS: 618 852, 618 860

A. DESCRIPTION

The Contractor shall supply all labor, materials, equipment necessary to furnish and install, 118 or 192 Plastic Streetlight Globe, depending on the size of the casing. All trash generated, as part of this work, will be disposed of by the Contractor at no additional cost to the District.

B. MEASURE AND PAYMENT

The unit of measure will be per each globe.

Payment will be made at the contract unit price per each, which payment will include all labor, equipment, tools, materials, and all incidentals necessary to complete the work as specified herein.

52. REMOVE STREETLIGHT POLE, ITEMS: 618 476, 618 492, 618 508, 618 524, 618 618, 618 566, 618 606

A. DESCRIPTION

The Contractor shall furnish all labor, material and equipment to remove streetlight posts and associated equipment (e.g., conversion Kits, lamps, photo cells, wiring within the poles, street signs and posts; luminaires, transformer base) as shown on the project plans. All posts that are to be reinstalled as part of this contract shall be carefully removed. All damaged parts caused by the contractor will be replaced by the Contractor at no additional cost to the District. All posts shall be disassembled and inspected by the Contractor for parts that can be reused at a later time. The contractor shall supply the district with an inventory of all parts that are removed and reusable. The Contractor will deliver the reusable poles or parts to the district's warehouse at 1735 15th Street, N.E., Washington, D.C. All trash (broken parts, etc.), generated as part of this work, will be disposed of by the Contractor at no additional cost to the District.

If the pole is in good condition and are to be reused in the project, the contractor shall transport the pole to its own storage site.

- Maintenance of the cuts until the permanent repairs are made, as directed by the Engineer

The Contractor shall excavate the trench as called for by the engineering drawings. The trenches shall be braced according to the local and federal regulation. All conduit(s) shall be as specified in the contract document, PVC schedule 40 and shall be installed to proper line and grade. The trench shall be opened progressively between manholes or between manholes and the proposed lights, with simultaneously installing conduit(s). Conduit(s) shall be installed with a minimum of 36 inches in roadways and 24 inches in all other locations and shall be installed in dry trenches. The conduit shall be installed in full lengths using manufactures' supplied bends and couplings. When the contractor must make field cuts, the conduit ends shall be reamed to remove any rough edges before joining together. The joints shall be cleaned, cemented and the lengths of the conduits coupled tightly.

Where two or more conduits are being installed in the same trench, the Contractor shall use spacers between the conduit runs. Conduit(s) shall be installed to slope toward manhole. The slope of duct bank runs shall be at least 10 inches per 300 ft. All conduit runs shall be complete and points of penetration of the wall of the manholes shall be sealed before **any concrete** encasement is installed. The wall penetration of PEPCO'S manholes will be done under the supervision and direction of PEPCO field personnel. The penetration of DC manholes will be done under the supervision and direction of the District personnel. At the end of each workday, the Contractor shall seal the ends of all conduits to prevent the entrance of dirt and water into the conduit system.

In addition, the contractor shall provide 4" detectable magnetic plastic warning tapes 12" above concrete duct banks as shown in the contract drawings. The warning tape should be detectable by metal detectors. The color of warning tape shall be yellow. The warning on the tape will be "**CAUTION, BURIED ELECTRICAL LINE BELOW**".

After the concrete encasement has been installed, all wood forms and trench shoring shall be removed completely during the backfilling operations; backfill will be done in layers of six (6) inches. Each layer shall be compacted before the next layer is added. **Backfilling can only begin 72 hours after the concrete is poured. Any exceptions must be approved by the Engineer.**

If the Contractor is to add on to (splice on to) the existing conduit, the splice will be done with an approved coupling.

Included within this pay item is the temporary patching of the trench and maintenance of the patch until final repairs have been made.

The Contractor shall locate any and all underground utilities and tunnels before trenching. Besides, several locations in the District may have abandoned street car tracks, covered with pavement. The Contractor shall verify and locate that before trenching. If encountered with track, the Contractor shall run the conduit under the track if feasible, included in this pay item. If running the conduit under the track is not feasible, the Contractor shall remove the abandoned track first under a separate pay item.

There could be many possible combinations of number of conduits in the duct bank (e.g., X number of 4" conduits and Y number of 2" conduits), resulting in a lot of different pay

items. This Special Provision includes pay items to cover the commonly used combinations (such as 64", or 64" + 1-2", etc.). To avoid the problem of unlimited number of pay items, the Special Provision includes supplemental pay items for the *installation of 1-2", 1-4" or (any other size) PVC Conduit, supplemental to already specified duct bank*. Thus, if a designed combination of conduits is not listed in the pay item list, it can be presented by the pay item with the closest match of duct banks and pay items for additional supplemental conduits. When a supplement conduit is specified, the Contractor must follow the design standards for the resulting duct bank size; in other words, if the addition of a conduit results in additional concrete encasement, the contractor must furnish and install it to meet DDOT standards.

B. MEASURE AND PAYMENT

The unit of measurement will be per LINEAR FOOT of conduit or duct of conduits installed.

The payment will include all labor, tools, materials, equipment, excavation, boring, penetration of manholes (both D.C.'s & PEPCO's), and all incidentals necessary to complete the work specified herein.

64. HDPE ELECTRICAL CONDUIT (BORED) , ITEMS 618 080, 618 108

A. DESCRIPTION

The Contractor shall furnish all labor, tools, material and equipment necessary to excavate, directional boring, installation of conduit(s). All conduit placed under existing pavement shall be installed with no disturbance to the existing roadway.

The Contractor shall bore the conduits as called for by the engineering drawings. Conduit(s) shall be HDPE SDR 11, or as specified by the contract document, and shall be installed to proper line and grade. Conduit(s) shall be installed with a minimum of 36 inches of cover in roadways and 24 inches in all other locations, and shall be installed in dry trenches. The conduit shall be installed in full lengths using manufactures' supplied bends and couplings.

Conduit(s) shall be installed to slope toward manhole. The slope of conduit runs shall be at least 10 inches per 300 ft. All conduit runs shall be complete and points of penetration of the wall of the manholes shall be sealed **with wet cement**. The wall penetration of PEPCO'S manholes will be done under the supervision and direction of PEPCO field personnel. The penetration of DC manholes will be done under the supervision and direction of the District personnel. At the end of each workday, the Contractor shall seal the ends of all conduits to prevent the entrance of dirt and water into the conduit system.

The Contractor shall locate any and all underground utilities and tunnels before boring. Besides, several locations in the District may have abandoned street car tracks, covered with pavement. The Contractor shall verify and locate that before boring by means of test pits.

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67. COPPER GROUND WIRE, ITEMS: 618 292, 618 298, 618 310

A. DESCRIPTION

The Contractor shall furnish all labor, materials and equipment necessary to furnish and install copper ground wire as shown on the plans. The Contractor shall install the ground wire in continuous lengths. All connections in manholes shall be made using exothermic welds (using CADweld method) with two coats of insulating varnish applied over welds and ground wire within 1 foot of the weld. The connection to the manhole ground rod All connections to foundations ground rods shall be made with approved connectors. Grounding conductors shall be sized according to section 250, National Electrical Code. Where other conductors are being installed, the ground wire shall be installed at the same time. The Contractor shall use care when installing the ground wire so as not to damage or kink it. All damaged wire shall be removed and replaced at no additional cost to the District. The grounding system shall be installed, connected and tested before energizing the current carrying conductors.

All electrical connections shall conform to the National Electrical Code (NEC) section 110.14 that shall add to the relevant specifications (for splices) and DC Electrical Code S. All wiring methods and materials shall conform to the NEC section 300 to 398.

B. MEASURE AND PAYMENT

The unit of measure for installing copper ground wire will be linear foot.

Payment will be made at the contract unit price per linear foot installed, and payment will include all labor, equipment, tools, materials and incidentals necessary to complete the work specified herein.

68. INSTALLATION OF OVERHEAD CABLES, ITEM: 000 509

A. DESCRIPTION

The Contractor shall furnish all labor, materials (including approved hardware for hanging), and equipment necessary to furnish and install overhead cable. The Contractor shall use care when installing the cable so as not to damage the current carrying conductors or insulation. Any tree branches or tree limbs in the way of installing the cable or deemed necessary of pruning by the engineer will be removed and disposed of as part of this item of work (**this is incidental to this item**). Qualified line clearance tree trimmers will perform all work. All damaged cables will be removed from the site and replaced at no additional cost to the District. The cable shall be installed according the cable manufacturers specifications. The cable shall be installed with proper tension and sag according to the temperature on the day installed.

All trash generated, as part of the work, will be disposed of by the Contractor at no additional cost to the District.

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items. All material removed from the conduit as part of the cleaning operation shall be disposed of by the contractor off site at no additional cost to the District.

B. MEASURE AND PAYMENT

The unit of measure will be linear foot of the duct rodded and cleaned.

Payment will be made at the contract unit price per linear foot. The payment will include all labor, tools, material, equipment needed to clean-rod the existing conduit and all incidentals necessary to complete the work specified herein.

71. STREETLIGHT BASE – BREAKAWAY AND STEEL, ITEMS 618 420, 618 436

A. DESCRIPTION

The Contractor shall supply all labor, equipment and materials to furnish and install breakaway and steel streetlight transformer bases and all electrical grounding, as specified in contract documents. The grounding connection to the base shall be made with factory-supplied lugs.

All bases that the Contractor receives shall store according to the manufacturer's specifications. The bases shall be installed true and level and any required shimming shall be done with factory-supplied shims. The Contractor shall set the base with care so as not to damage the finish. All damage to the finish will be repaired and/or replaced at no additional cost to the District. If the material is damaged during the time between installation and acceptance by the District, the Contractor shall repair and/or replace in kind at no additional cost to the District. All debris generated, as part of the work, will be disposed of by the Contractor at no additional cost to the District.

Work includes, but is not limited to, furnishing and installing transformer base on existing or new foundation.

B. MEASURE AND PAYMENT

The unit of measure will be per each transformer base furnished and installed.

Payment will be made at the contract unit price per each transformer base. The payment for installation will include all labor, equipment, tools, materials, and all incidentals necessary to complete the work specified herein.

72. Streetlight POLE, Items: 000 506, 618 470, 618 486, 618 490, 618 502, 618 526, 618 542, 618 546, 618 568, 618 608, 618 624

A. DESCRIPTION

The Contractor shall supply all labor, material and equipment necessary to furnish and install new streetlight poles and arms (if required) as specified in the contract document.

(transformer base installation for pendant posts is covered by a separate bid item). All accessories, e.g., bolts, bolt caps, nuts, washers and clips necessary for installation, etc., are included in the bid item. The material used shall meet the requirements of the material specifications of this contract. All equipment that the Contractor receives shall be stored according to manufacturer recommendations. The bases and shafts shall be installed true and level and any required shimming shall be done with factory-supplied shims.

The Contractor shall set the post with care so as not to damage the finish. All damage to the finish will be repaired and/or replaced at no additional cost to the District. The Contractor shall replace any material damaged before the acceptance by DDOT in kind at no additional cost to the District. All trash generated, as part of the work, will be disposed of by the Contractor at no additional cost to the District.

Feeder cable (#10 stranded wire RHW-2 or as specified in the contract document) and ground (#8 or as specified in the contract document) cables associated with the pole installation shall be included in this bid item.

DDOT has adopted a procedure to develop a unique ID for each pole. The ID will be banded to the pole on a plastic tag (on a DDOT-selected material). The COTR will provide the new pole ID numbers to the Contractor. The contractor shall furnish the tag, prepare the ID, and band the tag to the pole as an incidental to pole installation. The orientation of the tag shall be in a manner so that it is conspicuous from the roadway and can be inventoried from moving vehicles.

Pendant Pole with Eight Foot Arm

It includes steel pendant post with eight foot (8') arms and all electrical wiring both power cables and ground wires. The material shall meet the requirements as called for in the contract document. The height of the poles can be less than 30' (generally 28'-6" or other as specified in the contract document) or more than 30' (generally 38'-6" or other as specified in the contract document).

Pendant Pole with Decorative Arm

It includes steel pendant post with decorative arm for teardrop fixture and all electrical wiring both power cables and ground wires. The material shall meet the requirements as called for in the contract document. The height of the poles can be less than 30' (generally 28'-6" or other as specified in the contract document) or more than 30' (generally 38'-6" or other as specified in the contract document).

No. 16/18/Twin-20 Streetlight Pole

The contractor shall as part of this pay item drill or slot newly-installed base in order to install the pole on a new 15" bolt circle foundation. The contractor shall install the pole plumb shimming only with manufacturer's supplied shims. The contractor shall furnish new #16 casing and base doors, as a part of this pay item.

No. 16 (ADA) Pole

This is a version of No. 16 Pole with a narrower base to help meet the ADA requirement. The contractor shall as part of this pay item drill or slot newly-installed base in order to install the pole on a new 12" bolt circle foundation. The contractor shall install the pole plumb shimming only with manufacturer's supplied shims. The contractor shall furnish new #16 casing and base doors, as a part of this pay item.

54R-A

No. 14 Streetlight Pole

The contractor shall as part of this pay item drill or slot newly-installed base in order to install the pole on a new 10.5" bolt circle foundation. The contractor shall install the pole plumb shimming only with manufacturer's supplied shims. The contractor shall furnish new #14 casing and base doors, as a part of this pay item.

54R-B

Standard manufactured elbows, bushings, reducers, bends, couplings, etc. of the same materials as the straight conduit pipe shall be used throughout the conduit system.

There will be instances throughout this project where the Contractor will be required to build conduit to intercept existing PEPCO manholes. In such instances, the Contractor shall be required to coordinate penetration of existing manholes with PEPCO so as to avoid disruption to their facilities.

CONCRETE ENCASEMENT

PCC mix design for encased conduits shall conform 817.03 for Class F General Use, minimum 28-day compressive strength of 3,500 psi on field test cylinders made in the field and cured in laboratory. All conduit shall be encased to provide a 4 inch minimum cover all around the conduit.

If existing utilities or conduits are present in the trench, these utilities or conduits shall be surrounded with an encasement of at least 3 inches of sandy fill, free from objects, which may damage the conduit. PCC encasement shall then be placed over the sand encasement to the appropriate level.

GROUNDING AND BONDING

Contractor shall install one solid copper ground in each manhole, street light foundation, **alley pole** and wood pole. The grounding electrode conductor shall be sized in accordance with the National Electric Code and/or as shown on the plans. The ground wire shall be installed with other conductors when they were pulled. Grounding shall be accomplished as soon as materials are in place to which the grounding wires are to be attached.

Material used for installation of grounding systems shall meet the following requirements:

1. Ground Rods - Shall be copper-clad rods conforming with the requirements of UL - 467. Ground rods shall have a diameter of at least 3/4 inches and a length of at least 10 feet (or minimum soil contact of 8').
2. Ground Wires - Shall be at least No. 8 AWG for street light grounding. Furnished grounding electrode conductor shall be of copper or other corrosive resistant material, solid without splice or joints. All ground resistances shall be 25 Ohms or less; when resistance is greater than 25 Ohms, 2 or more electrodes may be connected in parallel or extended to greater length.
3. Ground Clamps - Shall be heavy-duty bronze or brass or galvanized malleable iron conforming with the requirements of ASTM A220, any grade.
4. All manhole ground rod connections shall be made using exothermic welding (using CADweld technique).

The Contractor shall in each District-owned manhole bond the neutral conductor and the system ground wire to the manhole grounding electrode.

64R

Any DC Manhole that is worked in under this contract shall be checked to affirm the existence of an existing ground rod. If no ground rod is found, a ground rod must be installed through the floor of the manhole in such a way as to have a minimum soil contact of 8 foot; the diameter of the ground rod must be ¾". The Contractor shall make the electrical connections between the GROUND ROD-NEUTRAL CONDUCTOR AND ANY GROUND WIRES using exothermic welds (using CADweld technique) in the existing DC manholes. The cost of this work will be paid incidental to the project.

CONDUCTORS

WIRING SYSTEM. The Contractor shall furnish and install the type, and size of copper wire cables indicated on the plans and/or specified herein in strict compliance with all codes and standards cited in 618.02. Wires shall be drawn into place free from electrical and mechanical injury. No lubricant other than an approved type will be permitted to be used on wire installed in conduit. All wires shall be permanently marked with approved fiber tags as described to expedite tracing of circuits where device terminals are not otherwise identified. Wire shall be placed in rigid conduit unless otherwise specified and the total cross sectional area of the wire shall not exceed 40 percent of the conduit cross section area.

Wires in underground streetlight circuit shall be Type RHW-2, copper, stranded, conforming to IPCEA standard S-68 516/NEMA WC8 for ethylene-propylene-rubber insulated cable. The jacket shall conform to IPCEA standard S-19-81, and have a HYPALON outside jacket.

CABLE CONNECTIONS. All wire and cable shall be continuous from origin to destination without running splices in intermediate trays, pull boxes or manholes. In cases where splices are necessary because of long lengths, approval of splice locations shall be obtained from the COTR. Splices will not be permitted in conduits, ducts, or trays.

All below grade wires and cable shall be spliced by compression only and with a approved resin splice kit. The connector and the kit shall be suitable for the size of wire used. Bolted type copper connector may be used on overhead-only installation. The indenture shall be such as to assure maximum electrical connection and sufficient physical strength.

If approved soldered connections are specified in the Special Provisions, each splice shall be covered with polyvinylchloride plastic insulating tape to provide insulation equivalent to that on the wire. Neoprene tape shall then be applied over the splice in half-lap wrappings to a thickness equivalent to the wire or cable outer jacket. Two final laps of polyvinylchloride tape shall be applied and the splice shall then be painted with an approved air-drying insulating varnish.

CIRCUIT IDENTIFICATION. The Contractor shall furnish and install identifying tags on all circuit cables, in all junction boxes for line and luminaire identification. Tags shall be as per 820.14. Identification markings, designated by the Engineer, shall be stamped on the tags by means of small tool dies. Each tag shall be securely tied to the proper conductor by non-metallic core plastic. Self-adhesive plastic tags shall not be used unless approved by the Engineer.

65R-A

Each conductor passing through a junction or splice box or terminating in a streetlight or outlet shall be permanently identified as to circuit number and phase.

PCC FOUNDATION

This item of work consists of constructing concrete foundations for streetlight poles complete with necessary electrical conduit, anchor bolts, ground rod, and other work as required in the contract document.

The materials for reinforced Portland cement foundations shall meet the following requirements:

65R-B

tenon. Misaligned, uneven or waves in the flutes shall be cause for rejection of the pole. A three (3) foot sample of the shaft must be submitted for approval before the start of fabrication. The sample must show the fluting, be galvanized and final coated.

The shaft shall be cleaned of all rolled-in mill scale, impurities and non-metallic foreign materials. The welds will be cleaned of all weld flux. The shaft is to be degreased by immersion in a heated caustic solution, then pickled in a heated sulfuric acid solution. The shaft will then be rinsed in a fresh water bath to remove any residual effects of the caustic or acid baths. The shaft will then be immersed in a concentrated zinc ammonium chloride solution and allowed to air dry before being galvanized. The hot-dip galvanizing shall meet the requirements of either ASTM A123 or ASTM A153. The galvanized coating shall be free of any debris or flux ash.

All galvanized exterior surfaces visually exposed are to be coated with a Urethane or Triglycidyl isocyanurate (TGIC) polyester powder to a minimum dry film thickness of 2.0 mils. Prior to application, the surfaces to be powder coated are to be mechanically etched by brush blasting (ref. SSPC-SP7) and the zinc coated substrate preheated to 450 F for a minimum of one (1) hour in a gas-fired convection oven. The coating shall be electrostatically applied and cured by elevating the zinc coated substrate temperature to a minimum of 350 F in a gas-fired convection oven.

The shaft shall either be wrapped in a 3/16" U.V. inhibited plastic backed packing foam or cradled in a 1" rubberized foam base.

As part of the bid the manufacturer shall submit copies of the following certifications:

1. That the welds meet the requirements of AWS D1.1.
2. Material shall be provided for all ASTM numbers referred to in this specification.
3. Copy of factory certification that it meet the requirement of American Institute of Steel Construction (AISC) category 1. the three (3) certification shall be submitted as part of the bid.

All cast components shall be made of cast iron (**no cast aluminum shall be used**). No matter which material is used in its construction the new post must accommodate existing D.C. #16 casing. Samples are available to bidders for inspection. All components, regardless of the method by which they are produced, shall be uniform quality and appearance; true to pattern; fine surface texture; free from buckle, cracks, die marks, and all other defects peculiar to the method of production used, which many adversely affect the use appearance or strength of the component.

The components shall be carefully and thoroughly cleaned of all sand, scale, fins, cable anchors, welds, machine markings, projections, imperfections, etc.

All ornamentation and markings shall be sharp and clearly defined. the desired finish for these components shall be of the finest surface with a minimum of grinding, machining, dressing, etc., in accordance with normal foundry practices. Excess dressing shall be cause for rejection. Bolt holes must be clean and true with good alignment in the

70R

companion pieces to permit the interchange-ability of castings. The cast components shall receive a coat of primer and two finish coats of a two-part epoxy paint system. The bidder shall submit a sample of the paint system that he proposes to use. All cast components shall be wrapped and/or boxed to protect the finish during shipping and storage. All damage to the finish shall be repaired by the Contractor at no additional cost to the District. The color shall match appropriate Federal Color Chip (announced for each job or as directed by the Engineer).

5A ALLEY POLE

The post shall be as shown on Streetlight Standard Drawing. It is to be 30-foot long of which 5 feet is for direct embedment in earth. Each post shall be furnished with a 3-foot arm. The post is to be round tapered with a top diameter of 3.8" and 8" at the bottom.

The shaft shall be fabricated from 11-gauge steel meeting ASTM-A595 GR A with a yield point of no less than 55,000 pounds per square inch. The shaft shall be cleaned of all rolled-in mill scale, impurities and non-metallic foreign materials. The welds shall be cleaned of all weld flux. The shaft and arm is to be degreased by immersion in a heated caustic solution, and then pickled in a heated sulfuric acid solution. The shaft and arm will then be rinsed in a fresh water bath to remove any residual effects of the caustic and acid baths. The shaft and arm will then be immersed in a concentrated zinc ammonium chloride solution and allowed to air dry before being galvanized. The hot-dip galvanizing shall meet the requirements of either ASTM A123 or ASTM A153. The galvanized coating shall be free of any debris or flux ash.

All galvanized exterior surfaces visually exposed are to be coated with a Urethane or Triglycidyl isocyanurate (TRIC) polyester powder to a minimum dry film thickness of 2.0 mils. Prior to application, the surfaces to be powder coated are to be mechanically etched by brush blasting (ref. SSPC-SP7) and the zinc coated substrate preheated to 450oF (232oC) for a minimum of one (1) hour in a gas-fired convection oven. The coating shall be electrostatically applied and cured by elevating the zinc coated substrate temperature to a minimum of 350oF (177oC) in a gas-fired convection oven. Coating color shall be DC Gray or as directed in the contract document or by the Engineer. The 5-foot part of the post that will be in contact with the earth shall receive a coat of coal tar epoxy.

The shaft and arm shall either be wrapped in a 3/16" U.V. inhibited plastic backed packing foam or cradled in a 1" rubberized foam base.

The shaft shall have a handhole above ground level for the ease of access.

CLASS 3 WOOD POLE

All Class 3 wood poles for use in this contract will be Southern Yellow Pine cut from live trees. All poles shall conform to the requirements of ANSI Standard 05.1. All poles may be air-seasoned, shed-dried, kiln-dried or conditioned or seasoned in any manner that conforms to AWPA Standards C1, C4 and M1, that will not materially damage the wood.

71R-A

The poles must be seasoned until a moisture content of 25% or less is reached. All poles shall be machine peeled and conform to ANSI Standard 05.1. All poles must be branded, the brand is to be located 12 feet from the butt end. The branding shall identify the supplier, pole length, class, year of treatment and preservative used, in accordance with AWPA Standard M6. The treatment charge number shall be stamped on the butt of the pole. The preservative used will be Creosote meeting requirement of AWPA P1, Pentachlorophenol-in- petroleum meeting requirement of AWPA P8 or water-borne preservative suitable for pole treatment meeting requirement of AWPA P5 and C4. All poles shall be free of evidence of bleeding or blooming regardless of the type of preservative used. There shall be no sludge depositions. Penetration of any preservative shall be a minimum of three (3) inches or 90% of the sapwood depth. Poles with less than 3" of sapwood shall have 100% penetration of the sapwood. Retention of creosote will be in accordance with AWPA Standards A1 and C4. Retention of Pentachlorophenol-in- petroleum will be in accordance with AWPA Standards A1 and C4. The Contractor will supply the Engineer with Copies of any test reports that he receives from the pole supplier.

LAMPS

All lamps are to be new, unused and in manufactures wrappers. The Contractor will submit all lamp data to the Engineer for approval before ordering. The Contractor will supply the Engineer with copies of all manufactures lamp warranties. The Contractor will store all lamps according to manufacture specifications until installed and accepted by the District.

All lamps shall be as specified and shall be of the same type and performance specified by the luminaire or conversion kit manufacturer.

COBRAHEAD LUMINAIRES, HIGH PRESSURE SODIUM

The luminaire shall have a die-cast aluminum housing with a hinged optical door. The ballast shall be mounted on a separate detachable die-cast door, which can be easily removed from the main housing. The ballast shall be pre-wired with quick disconnecting plugs to the lamp socket and dead back terminal block, requiring only connection of the phase conductors to the terminal block. The one-piece pipe clamp shall contain 4 bolts

71R-B

2. Turn OFF light level: 3.0 ftc. (Maximum)
3. Turn-off ration: 1.5: 1
4. Operating Voltage: 105 to 305 VAC @ 60 Hz.
5. Control shall remove power from ballast and lamp after detecting 5 lamp cycles per night
6. Control shall reset each dust. Red flashing LED shall be visible in control window after the control detects HPS lamp cycling.
7. Operating Temperatures: -40 deg C to 70 deg C (-40 deg F to 158 deg F)
8. Moisture Resistance: 98 % RH
9. Maximum Fixture Size: 400 Watt HPS
10. Power consumption: 1.2 watts average
11. Method of Failure: Fail-off
12. Surge Protection: Shall be in the form of a Metal Oxide Varistor (MOV) wired line to neutral. MOV shall be a minimum of 160 Joules.
13. Housing Cover: High impact, UV Stabilized Polypropylene, Black in color.
14. Housing marking: Year of installation permanently marked, Serial Number, Voltage Range, Loading Rate to be clearly indicated.
15. Guarantee: 3 years for defective materials or workmanship.

ELECTRONIC BUTTON TYPE PHOTO CONTROL

1. Photoelectric control must meet or exceed all requirements of proposed ANSI C136.24.
2. Line voltage operating range: 105-130 VAC @ 60 Hz.
3. Turn ON: Calibrate at 1.5 ± 0.5 ftc.
Turn OFF: Maximum turn OFF 3.0 ftc.
4. Photosensor: **Sealed Silicon Sensor. Sensor must have IR blocking filter that gives control human eye response. Cadmium sulfide cells are not acceptable.**
5. Failure mode (per ANIS): Control will fail on.
6. Time delay: Control must have instantaneous "ON" A 5 - 10 seconds "OFF" delay is required.

74R

For contracts of \$1,000,000.00 or more, the completion and submission of the FHWA 47 report is a contract requirement. The form must be completed and submitted as soon as fieldwork is completed. Final payment will not be made until the contractor files this report.

83. EMPLOYEE TRAINING”

Requirements of 103.04 Apply

84. SUBCONTRACTING:

This Special Provision supplements 108.01 of the Standard Specifications.

The subcontractor approval request form included herein should be used to request approval of subcontractors on this project. The form should be completed for each subcontractor requested for approval and submitted to:

**Attention: Contracting Officer
Department of Transportation
2000 14th Street N.W., 6th Floor
Washington, D.C. 20009**

A copy of this form is provided in the Appendices.

Copies of subcontracts shall be made available for review at any time by representatives of the Department of Transportation and the Federal Highway Administration.

**85. REPLACE EXISTING ARM WITH DECORATIVE ARM ON METAL POLE,
UNASSIGNED SPECIAL ITEM: 618992**

A. DESCRIPTION

The contractor shall furnish all labor, materials and equipment necessary to remove existing arm and fixture (luminaire, lamp and photocell) of any type from an existing metal pole. Disposal of the existing fixture are incidental to this pay item.

The Contractor shall provide all labor, materials and equipment necessary to furnish and install a decorative arm (for tear drop fixtures) on the pole, as specified in the contract document. All arms shall be installed as shown on the District Standards drawing or as specified in the contract document. Work will also include installing the necessary current carrying conductors and any protective moldings, grounding and installing the tap.

79R-A

All trash generated and material removed by the contractor shall become the property of the contractor and removed from the site.

B. MEASURE AND PAYMENT

The unit of measure for replacing existing arm on metal pole will be for each complete arm and fixture removed and new decorative arm furnished and installed. Payment will be made at the contract unit price per each arm replaced, and payment will include all labor, equipment, tools, materials, and all incidentals necessary to complete the work as specified herein.

No separate measure or payment will be made for the removal of light arm from steel pole, when pole itself is removed. Its cost would be incidental to pay item for removal of the steel pole.

86. ELECTRICAL HANDHOLE, ITEM 618 046

A. DESCRIPTION

The Contractor shall furnish and install precast electrical handholes to provide access to electrical conduit as shown on drawing. The Contractor shall furnish all labor, tools, material and equipment necessary to excavate, shoring, de-watering, steel plating (as directed by the Engineer), installation of handhole, back filling, compaction of fill, temporary patch and maintenance of the cuts until the permanent repairs are made as directed by the Engineer.

The Contractor will verify the exact locations of electrical handholes in the field and install per manufacturer's instructions.

At a convenient point close to wall, drive a 3/4-inch by 10-ft long copper-clad steel ground rod into earth as indicated in the plans. Extend ground rod approximately 6 inches above handhole floor. After completion of handhole, provide a ground loop of bare copper ground wire (No. 6 or other sizes as specified in the contract document) within electrical handhole and connect to ground rod. Connect all conduit grounding bushings, cable supports, other metallic parts, splices, neutral wire and ground wire run with each feeder to ground loop.

The electrical handholes shall conform to details indicated on drawings. The word "DCSL-TS" in 1 inch letters is to be cast in the depression shown in the center of the top of the cover and to be flush with the surface of cover. No manufacturers logo shall be seen on top of frame and cover.

Set the handhole to the required grade. Included within the pay item is the temporary patching around the manhole and maintenance of the patch until final repairs have been made.

79R-B

B. MEASURE AND PAYMENT

The unit of measurement for INSTALLATION OF HANDHOLES will be EACH. Payment will include all labor, tools, materials, equipment, excavation, shoring, dewatering, steel plating of roadway as necessary, manhole, complete with all racks and pulling iron, frame and cover, back filling, compaction of fill, temporary patching, maintenance of the cut until the permanent repairs are made, and all incidentals necessary to complete the work specified herein.

87. CLEANING AND PAINTING STREETLIGHT CAST IRON POLES, ITEM 618 640

A. DESCRIPTION

Clean and prepare for painting streetlight poles, which are classified by DDOT as "Washington" Style, Number 16 cast iron poles. Work includes the painting of the poles and proper disposal of any hazardous waste.

The Contractor shall apply a two-coat paint system as specified herein. The painting of steel and other metal work shall include complete preparation of the metal surfaces, application and protection of the drying paint coatings, removal and proper disposal of existing paint, rust millscale and hazardous waste, protection of workers and the environment and furnishing all labor, materials, tools, equipment and incidentals necessary for proper execution of the work.

Capability of Workers

All field painting shall be performed by a certified Painting contractor/Subcontractor.

Protection of Workers and the Environment

Protection of workers and the environment shall be provided by the Contractor as an integral requirement of the performance of the work. The Contractor shall employ the best current methodology for protection of the worker/employee and submit a plan to the Engineer for approval.

Maintenance and Protection of Highway and Pedestrian Traffic and Adjacent Property

The Contractor shall be responsible for any disfigurement by splatters, smirches and splashes of paint on vehicular traffic and pedestrians or adjacent property. The contractor shall also be responsible for damage to the streetlight pole and adjacent property through the use of equipment.

Proper cloths will be required to minimize splatters of paint on concrete surfaces. Any damage or disfigurement shall be replaced or cleaned at the sole expense of the Contractor.

79R-C

Conditions for Surface Preparation and Paint Application

1. Surface preparation shall not be performed when the surface is below 32 degrees F, within 5 degrees of the dew point or when anticipated weather conditions would preclude application of the primer on the same day.
2. Painting shall not be performed when it is likely that moisture in the form of precipitation, fog or dew on contact surfaces which have not cured to water resistance
3. All surfaces shall be painted with two coats of iron oxide primer.
4. All surfaces shall then be painted with two (2) finish coats of Duron Duraclad 12 Series, or approved equal, the color to match appropriate Federal Color Chip (announced for each job or as directed by the Engineer). Each coat is to be applied separately according to manufacturer's recommendations.

Surface Preparation

1. Surfaces shall be prepared for repainting by cleaning with a Biodegradable Graffiti Remover and a Descaling Acid compound.
 - Biodegradable Graffiti Remover equal to TAGAWAY, manufactured by Equipment Trade Service Co., Inc.
 - Descaling Acid compound equal to COIL SNAKE, manufactured by Equipment Trade Service Co., Inc.
2. The Engineer will be the sole-approving authority of the adequacy of the surface preparation.
3. After the prepared surfaces of existing steel have been inspected and accepted, the surfaces shall be primed the same day. Should rustback occur before primer application, the affected area shall be cleaned at no extra cost.

General requirements for Field Painting

1. All painting shall be stored, mixed, thinned and applied in accordance with the manufacturer's recommendations. In cases where the manufacturer's recommendations are more lenient than the requirements in this specification, they shall govern only if specifically authorized by the engineer.
2. Prior to application of each coat, the surfaces to be painted shall be cleaned as necessary so as to be dry and free of dirt, grease, glue and paper residue and rust. All residue of abrasives, paint and dust remaining after cleaning or other operations shall be removed using a commercial grade vacuum cleaner equipped with a brush type cleaning tool or by double blowing with clean air.

79R-D

3. All paint shall be mixed using power mixers of those recommended by the manufacturer. Only complete kits of the iron oxide primer shall be mixed. Ironoxide primer, which exceeds its pot life, shall be discarded. Paints shall be frequently mixed during application. Iron oxide primer shall be continuously agitated and shall be applied from containers equipped with a mechanical agitator, which shall be in constant use during application. Paints shall be frequently remixed during application. Paints shall be thinned only with prior approval of the Engineer.

- a. Application of paint shall result in a tight film of specified thickness, well bonded to the metal or underlying coatings, including all crevices and corners and shall be free fro laps, streaks, sags, bubbles, runs oversprays, dry spray, shadow-through, skips, excessive film build-up, misses and other defects.

Repairs

1. All defects or damaged areas shall be repaired at the Contractor' s expense. Said areas shall be coated with full system as required in these specifications. Repair may be limited to touch-up of damaged areas but in no way shall the number of coats, the required coating system or the dry film thickness of each coat be modified because of the repair procedure.
2. Defects in the paint film, including damage such as scratches and areas of non-adherent paint and rusting shall be repaired.

Performance Tests and Product Certification

1. The following information shall be submitted as a complete package for approval for each coat in the system selected at least 30 days prior to the anticipated beginning of painting operations:
 - A one (1) quart sample of each coat in the system
 - Certification from the manufacturer that the materials supplied for use as field and repair primer and finish coats contains no more than 0.005% lead.
 - The Contractor shall submit product and material safety data sheets and application guides for his proposed system to the Engineer for material approval.

Painting Schedule and Contractor's Submittals

Before any painting operations begin, the Contractor shall submit in writing to the Engineer, as part of the permit application to DCRA, his proposed work schedule, which shall include:

79R-E

1. A system procedure or plan for all cleaning and painting operations.
2. The type and method of protection against paint splatters, spray, drippings and other disfiguring elements while cleaning and painting over roadways, pedestrian/bicycle paths and areas in the vicinity of private property.

Inspection

1. Authorized personnel representing the District shall inspect all work. As each operation (cleaning, spot painting and each coat of painting) is completed and prior to any succeeding operation, the Contractor shall notify the Engineer for approval before the next operation may begin. Any work not meeting the approval of the District inspectors shall be rejected and redone until it meets their approval. The method of correction shall be approved by the Engineer prior to proceeding. Should any work be done which proceeds past the point where inspector approval is required, the Contractor shall, at the option of the Engineer, remove said work back to that point at no additional cost.
2. Cleaning and surface preparation of each streetlight shall be entirely completed and accepted before painting commences. All paint shall be suitably dry before any succeeding coat of paint is applied. Any paint applied without prior approval of the Engineer to be gin painting shall be removed. This corrective work shall be at the sole expense of the Contractor.

B. MEASURE AND PAYMENT

The unit of measure will be per EACH pole cleaned and painted.

Payment for Clean and Paint Streetlight Pole will be made at the contract price per EACH pole. The price will include all cleaning and surface preparation, application and protection of paint coatings, repair of damaged or unsatisfactory paint surfaces, preparation and submittal of all required procedures and information, performance of all additional work required by this specification and all labor, materials, tool, equipment, disposal of unsuitable materials and incidentals necessary to complete the work specified.

Government of the District of Columbia
Department of Transportation
Office of Contracting and Procurement
2000-14th Street, N.W. 6th Floor
Washington, D.C. 20009

AMENDMENT No. 3 ISSUED March 1, 2007 126 pages

Invitation No. POKA-2006-B-0099-JJ
Federal Aid Project No.: STP-8888(241)
Title: Federal Aid Citywide Streetlight Construction

BIDDERS shall acknowledge receipt of this addendum on official Bid Form. Failure to do so may result in rejection of your bid.

CURRENT BID OPENING DATE: March 14, 2007

BIDDERS are informed that the above named project is modified as follows:

QUESTIONS AND RESPONSES

Attached are responses to questions raised by prospective bidders. **(3 pages attached as part of this amendment)**

SPECIFICATIONS

DELETE pages c,2,4,6,24,25,34,38,47,48,51,53,54,64,65,70,71,74,79, and **REPLACE** with pages c-R, 2R,4R-A, 4R-B, 6R,24R,25R,34R,38R,47R,48R,51R,53R,54R-A,54R-B,64R,64R-A,65R-B,70R,71R-A,71R-B,74R,79R-A,79R-B,79R-C,79R-D,79R-E,79R-F **(28 pages attached as part of this amendment)**

BID FORMS AND PROPOSALS

DELETE Pay Item pages 1 THRU 70 in their entirety and **REPLACE** with Pay Item pages 1R THRU 70R and **INSERT** new pages 71, 72 and 73. **(73 pages attached as part of this amendment)**

APPENDICES

DELETE General Wage Decision DC030001 Modification Number 47 dated 12/01/2006 and **REPLACE** with General Wage Decision DC070001 Modification Number 0 dated February 9, 2007 **(12 pages attached as part of this amendment)**

DRAWINGS

INSERT the additional drawings labeled as follows: SL13-B-R, SL13-C-R, SL12-D-R, SL12-E-R,SL12-F-R,SL14-A-R,SL14-B-R,SL11-A-R, 5-A Alley Pole Drawing, Decorative Arm Drawing **(10 pages attached as part of this amendment)**

POKA-2006-B-0099-JJ
FEDERAL AID CITYWIDE STREETLIGHT CONSTRUCTION
RESPONSE TO BIDDERS QUESTIONS

Question 1. Regarding temporary lighting and/or maintenance of existing lighting, will a pre-construction walk through for each new location occur to note existing conditions?

Answer 1. Yes. Any deficiency noted, will be given to the Street Light Asset Management contractor. If the location is deemed No Current, a determination will be made if the light will be repaired or not. The determination will be made case by case.

Question 2. Paragraph N. on page 4 of the specification mentions the installation of any temporary lights during the construction. How will the contractor be reimbursed for these temporary lights?

Answer 2. The contractor will not be reimbursed as a direct cost but should be spread out amongst all the pay items and is incidental to the pay items.

Question 3. The second full paragraph on page 47 of the specification mentions the installation of a dry mix concrete encasement into trenches cut for electrical conduit. Is this correct or will the contractor be required to use wet concrete?

Answer 3. No. The contractor will be required to use wet concrete. See page 47-R

Question 4. In reference with Wet concrete, will there be additional pay items for Steel Plates used to cover the trench for 72 hours?

Answer 4. No. Steel Plates are incidental to the conduit pay item.

Question 5. On page 51, item 68, INSTALTION OF OVERHEAD CABLES- Will the tree trimming mentioned in this description be incidental to this item or paid for under 000508-tree trimming?

Answer 5. Yes. See page 51-R item 68 section A

Question 6. Line number -540, item description-618070 furnish and install 1-1” PVC – coated rigid street conduit- Where would this conduit be installed, are there any conduits which will be installed under bridges?

Answer 6. Yes. This pay item is to insure that we have all possible pay items covered, and the primary use will be for bridges and underpasses if needed.

Question 7. Is the submission and approval of a traffic control plan required for each task / location?

Answer 7. Yes.

Question 8. Will a blanket permit be issued by DDOT for this contract or is an application required for each task issued?

Answer 8. No.

Question 9. Will a drawing of the decorative arm for the teardrop fixture as noted on page 68, be supplied as part of the bid documents?

Answer 9. Yes.

Question 10. The attached arm drawing is for use when a teardrop fixture is used on an existing pendant pole. Does this drawing satisfy the specification on page 68 for a decorative teardrop arm?

Answer 10. Yes. See Street Light Equipment Details.

Question 11. How many locations will be underway at the same time?

Answer 11. See page 6, section 7 Contract Type: (Indefinite Quantity Clause) 2nd paragraph. There is no limit to the number of orders that may be issued. DDOT TSA anticipates there to be no more than 2 to 3 orders at one time.

Question 12. The quantities for pay item 460 seem high compared to the quantities for the concrete incased conduit?

Answer 12. Due to the planned disturbances in non paved Areas we believe that this is correct.

Question 13. The drawing from Spring City showing their decorative teardrop arm which is 8' in length. Is this more appropriate for the decorative arm mentioned in the bid documents?

Answer 13. No. This is for a High Tenon pole. We use pendent post poles

Question 14. Would this drawing be approvable for the decorative arm?

Answer 14. No.

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			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001						

0010	000003 Employee Training	1800.000				
		HR	.		.	

0020	000506 Unassigned Special Item -EACH - F & I 400 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000				
		EACH	.		.	

0030	000506 Unassigned Special Item -EACH - F & I175 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000				
		EACH	.		.	

0040	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 12" OR LESS BC STREE TLIGHT FOUNDATION	10.000				
		EACH	.		.	

0050	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175 W METAL HALIDE C ONVERSION KIT LAMP AND PHOTOCELL	400.000				
		EACH	.		.	

0060	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175W METAL HALIDE CU TOFF LUMINAIRE, LAMP AND PHOTOCELL	1.000				
		EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0070	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 250 W HPS CUTOFF TEA RDROP FIXTURE, LAMP AND PHOTOCELL	EACH 65.000	.		.	
0080	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 28'-6" PENDANT POST WITH DECORATIVE ARM	EACH 35.000	.		.	
0090	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 400W HPS CUTOFF TEAR DROP FIXTURE, LAMP AND PHOTOCELL	EACH 2.000	.		.	
0100	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL DECORATIVE ARM ON WO OD POLE (FOR TEAR DROP)	EACH 30.000	.		.	
0110	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL SPREAD FOOTER STREET LIGHT FOUNDATION	EACH 9.000	.		.	
0120	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 150W HPS CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	EACH 1.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0130	000506 Unassigned Special Item -EACH - NEW TEMPORARY SIGNAL POLE	5.000 EACH	.		.	
0140	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL 1 VEHICULAR SIGNAL HEAD (3-6 SECTIONS)	5.000 EACH	.		.	
0150	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL MICROWAVE/OPTICOM DETECTOR	1.000 EACH	.		.	
0160	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL PEDESTRIAN PUSH BUTTON	5.000 EACH	.		.	
0170	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL WALK-DONT WALK PEDESTRI AN SIGNAL HEAD	5.000 EACH	.		.	
0180	000508 Unassigned Special Item -HR - TREE TRIMMING	40.000 HR	.		.	
0190	000509 Unassigned Special Item -LF - F & I 1-4" AND 1-2" SCH. 40 RIGID PVC CO NDUIITS (CONCRETE ENCASED)	10.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0200	000509 Unassigned Special Item -LF - FURNISH AND INSTALL 2-2" SCHEDULE 40 RIG ID PVC CONDUIT (CONCRETE ENCASED)	10.000 LF	.		.	
0210	000509 Unassigned Special Item -LF - FURNISH AND INSTALL TRI-PLEX OVERHEAD CABLE	10.000 LF	.		.	
0220	000509 Unassigned Special Item -LF - REMOVE ABANDONED STREET CAR TRACK	10.000 LF	.		.	
0230	000509 Unassigned Special Item -LF - REPAIR-REPLACE STONE WALKWAY	5.000 LF	.		.	
0240	000514 Unassigned Special Item -SF - REPAIR-REPLACE STONE WALKWAY	2.000 SF	.		.	
0250	000515 Unassigned Special Item -SY - REPAIR-REPLACE BRICK ALLEY ON PCC BASE	10.000 SY	.		.	
0260	202002 Common Excavation	108.000 CY	.		.	
0270	209002 Aggregate Base Course	512.000 CY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0280	212002 Test Pit	50.000 EACH	.		.	
0290	402002 Superpave Base Course, 19 mm	2.000 TON	.		.	
0300	402012 Sperrpave Surface Course, 12.5 mm	909.000 TON	.		.	
0310	403002 Tack Coat	7600.000 SY	.		.	
0320	502004 PCC Base for Utility Cuts	953.000 CY	.		.	
0330	506002 Repair PCC Pavement	2.000 CY	.		.	
0340	506008 Repair PCC Driveway-Alley Entrance	63.000 CY	.		.	
0350	606002 Pavement Profiling (Milling)	7600.000 SY	.		.	
0360	608016 Repair-Replace PCC Sidewalk, 4 Inch	1346.000 SY	.		.	
0370	608020 Repair-Replace Exposed Aggregate PCC Sidewalk	7.000 SY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0380	608032 Brick Sidewalk Repair on PCC Base	2.000 SY
0390	608034 Brick Sidewalk Repair on Sand-Cement Base	2.000 SY	.	.	.	.
0400	609002 PCC Curb and/or Gutter	5.000 CY	.	.	.	.
0410	609050 Repair-Replace PCC Curb and/or Gutter	2.000 CY	.	.	.	.
0420	609052 Repair-Replace PCC Circular Curb and/or Gutter	2.000 CY	.	.	.	.
0430	609068 Furnish and Set 8"x12" Granite Straight Curb	2.000 LF	.	.	.	.
0440	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	2.000 LF	.	.	.	.
0450	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	2.000 LF	.	.	.	.
0460	609086 Reset Stone Curb	7.000 LF
0470	609204 PCC Wheelchair/Bicycle Ramp	2.000 SY

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			DOLLARS	CTS	DOLLARS	CTS
0480	610018 Sod with 3 Inch Topsoil	17800.000 SY	.		.	
0490	616001 Maintenance of Highway Traffic	LUMP	LUMP		.	
0500	618016 Furnish and Install 36" x 36" x 36" Manhole	46.000 EACH	.		.	
0510	618020 Remove Manhole over 24" x 24"	3.000 EACH	.		.	
0520	618022 Furnish and Install 48" x 48" x 48" Manhole	20.000 EACH	.		.	
0530	618038 Furnish and Install Frame and Cover for 48" x 48" Manhole	1.000 EACH	.		.	
0540	618046 Furnish and Install Open Bottom Handhole	137.000 EACH	.		.	
0550	618050 Clean Electrical Manhole/Handhole	2.000 EACH	.		.	
0560	618070 Furnish and Install 1-1" PVC-Coated Rigid Street Conduit	10.000 LF	.		.	
0570	618072 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit	1831.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0580	618080 Furnish and Install 1-2" Schedule 80 HDPE Conduit (Bored)	2656.000 LF	.		.	
0590	618100 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit	129.000 LF	.		.	
0600	618108 Furnish and Install 1-4" Schedule 80 HDPE Conduit (bored)	12004.000 LF	.		.	
0610	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duct bank)	3650.000 LF	.		.	
0620	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Conduits (duct bank)	10.000 LF	.		.	
0630	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Conduits (duct bank)	10.000 LF	.		.	
0640	618154 Furnish and Install 4-4" Schedule 40 Rigid PVC Conduit (duct bank)	10.000 LF	.		.	
0650	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	2700.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0660	618162 Furnish and Install 2-4" and 1-2" Schedule 40 Rigid PVC Cond uit (duct bank)	4950.000 LF
0670	618164 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	5100.000 LF	.	.	.	.
0680	618166 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	10.000 LF	.	.	.	.
0690	618168 Probe-Discovery of Faults	10.000 EACH	.	.	.	.
0700	618170 Developing Repair Procedures of Faults in the Street Lightin g Cable/Conduit System	10.000 EACH	.	.	.	.
0710	618172 Clean and Rod Existing Conduit	10.000 LF	.	.	.	.
0720	618178 Repair of Existing Underground Conduit	10.000 LF	.	.	.	.
0730	618190 Furnish and Install #10 Stranded Wire	49431.000 LF
0740	618196 Furnish and Install #8 Stranded Wire	8462.000 LF

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			DOLLARS	CTS	DOLLARS	CTS
0750	618208 Furnish and Install #4 Stranded Wire	25035.000 LF
0760	618220 Furnish and Install #2 Stranded Wire	3650.000 LF	.	.	.	.
0770	618250 Furnish and Install #0000 Stranded Wire	32336.000 LF	.	.	.	.
0780	618262 Furnish and Install 300 KCMIL Stranded Wire	10.000 LF	.	.	.	.
0790	618292 Furnish and Install #8 Stranded Ground Wire	22567.000 LF	.	.	.	.
0800	618298 Furnish and Install #6 Stranded Ground Wire	9379.000 LF	.	.	.	.
0810	618310 Furnish and Install #2 Stranded Ground Wire	10779.000 LF	.	.	.	.
0820	618334 Remove Conductors in Conduits	10.000 LF	.	.	.	.
0830	618354 Remove Overhead Conductors [Defined in Pay Item Description]	10.000 LF	.	.	.	.
0840	618394 Furnish and Install 15" B.C. Street Light Foundation	302.000 EACH

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0850	618400 Remove Street Light Pole Foundation	185.000 EACH	.		.	
0860	618420 Furnish and Install 15" B.C. Breakaway Transformer Base	1.000 EACH	.		.	
0870	618436 Furnish and Install 15" B.C Steel Transformer Base	35.000 EACH	.		.	
0880	618470 Furnish and Install #14 Cast Iron Pole	1.000 EACH	.		.	
0890	618476 Remove #13 or #14 Cast Iron Street Light Pole	72.000 EACH	.		.	
0900	618486 Furnish and Install #16 Cast Iron Pole	81.000 EACH	.		.	
0910	618490 Install D.C. Furnished #16 Cast Iron Pole	80.000 EACH	.		.	
0920	618492 Remove #16 Cast Iron Street Light Pole	74.000 EACH	.		.	
0930	618502 Furnish and Install #18 Cast Iron pole	117.000 EACH	.		.	
0940	618508 Remove #18 Cast Iron Street Light Pole	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0950	618524 Remove 716 Street Light Pole	3.000 EACH	.		.	
0960	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	1.000 EACH	.		.	
0970	618532 Remove Twin 20 Steel/Cast Iron/Aluminum Street Light Pole	1.000 EACH	.		.	
0980	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	2.000 EACH	.		.	
0990	618546 Install D.C. Furnished 28'-6" Foot Steel Pendant Pole with up to 8' Arm	1.000 EACH	.		.	
1000	618566 Remove Pendant Pole 30 ft. Height or Less	24.000 EACH	.		.	
1010	618568 Furnish and Install 38'-6" Steel Pendant Pole with Truss Arm	1.000 EACH	.		.	
1020	618606 Remove 3A or 5A Alley Pole with Arm	1.000 EACH	.		.	
1030	618608 Furnish and Install 5A Alley Pole with Arm	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1040	618618 Remove RLA Street Light Pole	1.000 EACH	.		.	
1050	618624 Furnish and Install Wood Pole, 35 ft. Height or Less	4.000 EACH	.		.	
1060	618640 Clean and Paint Streetlight Pole	26.000 EACH	.		.	
1070	618668 Remove arm from wood pole up to 8 ft. in Length	4.000 EACH	.		.	
1080	618676 Furnish and Install 8 ft. Arm on Wood Pole	6.000 EACH	.		.	
1090	618702 Remove Fixture/Arm from Structure	1.000 EACH	.		.	
1100	618720 Remove Luminaire from Wood Pole	4.000 EACH	.		.	
1110	618722 Remove Luminaire from Steel Pole	2.000 EACH	.		.	
1120	618724 Furnish and Install 70 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
1130	618730 Furnish and Install 100 Watt HPS Cutoff Luminaire	6.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1140	618742 Furnish and Install 150 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
1150	618754 Furnish and Install 250 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
1160	618766 Furnish and Install 400 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
1170	618772 Furnish and Install 400 Watt MH Cutoff Luminaire	1.000 EACH	.		.	
1180	618796 Furnish and Install 150 Watt HPS Conversion Kit	219.000 EACH	.		.	
1190	618802 Furnish and Install 250 Watt HPS Conversion Kit	1.000 EACH	.		.	
1200	618808 Furnish and Install 400 Watt HPS Conversion Kit	1.000 EACH	.		.	
1210	618814 Furnish and Install 400 Watt MH Conversion Kit	1.000 EACH	.		.	
1220	618852 Furnish and Install 192 Plastic Globe	1.000 EACH	.		.	
1230	618860 Furnish and Install 118 Plastic Globe	283.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1240	618888 Furnish and Install 4" PVC Rigid U-Guard on Wood Pole	160.000 LF	.		.	
1250	618896 Furnish and Install 1" PVC Rigid U-Guard on Wood Pole	35.000 LF	.		.	
1260	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- REPLACE EXISTING ARM ON POLE WITH DECORATIVE ARM (TEAR DROP)	2.000 EACH	.		.	
1270	618999 Payment to PEPCO for Connection, Disconnection, Inspection CONTRACTOR TO PAY PEPCO FOR ELECTRICAL SERVICE CONNECTION	LUMP	LUMP			207070.00
	SECTION 0001 TOTAL					.

SECTION 0002 PARTICIPATING STREETLIGHT CONSTRUCTION-OPTION YEAR 1

1280	000003 Employee Training	720.000 HR	.		.	
1290	000506 Unassigned Special Item -EACH - F & I 400 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1300	000506 Unassigned Special Item -EACH - F & I175 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
1310	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 12" OR LESS BC STREE TLIGHT FOUNDATION	10.000 EACH	.		.	
1320	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175 W METAL HALIDE C ONVERSION KIT LAMP AND PHOTOCELL	160.000 EACH	.		.	
1330	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175W METAL HALIDE CU TOFF LUMINAIRE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
1340	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 250 W HPS CUTOFF TEA RDROP FIXTURE, LAMP AND PHOTOCELL	72.000 EACH	.		.	
1350	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 28'-6" PENDANT POST WITH DECORATIVE ARM	41.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1360	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 400W HPS CUTOFF TEAR DROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
1370	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL DECORATIVE ARM ON WO OD POLE (FOR TEAR DROP)	12.000 EACH	.		.	
1380	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL SPREAD FOOTER STREET LIGHT FOUNDATION	4.000 EACH	.		.	
1390	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 150W HPS CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
1400	000506 Unassigned Special Item -EACH - NEW TEMPORARY SIGNAL POLE	2.000 EACH	.		.	
1410	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL 1 VEHICULAR SIGNAL HEAD (3-6 SECTIONS)	2.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1420	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL MICROWAVE/OPTICOM DETECTOR	EACH 1.000	.		.	
1430	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL PEDESTRIAN PUSH BUTTON	EACH 2.000	.		.	
1440	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL WALK-DONT WALK PEDESTRI AN SIGNAL HEAD	EACH 2.000	.		.	
1450	000508 Unassigned Special Item -HR - TREE TRIMMING	HR 10.000	.		.	
1460	000509 Unassigned Special Item -LF - F & I 1-4" AND 1-2" SCH. 40 RIGID PVC CO NDUITS (CONCRETE ENCASED)	LF 10.000	.		.	
1470	000509 Unassigned Special Item -LF - FURNISH AND INSTALL 2-2" SCHEDULE 40 RIG ID PVC CONDUIT (CONCRETE ENCASED)	LF 73.000	.		.	
1480	000509 Unassigned Special Item -LF - FURNISH AND INSTALL TRI-PLEX OVERHEAD CABLE	LF 10.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1490	000509 Unassigned Special Item -LF - REMOVE ABANDONED STREET CAR TRACK	10.000 LF	.		.	
1500	000514 Unassigned Special Item -SF - REPAIR-REPLACE STONE WALKWAY	2.000 SF	.		.	
1510	000515 Unassigned Special Item -SY - REPAIR-REPLACE BRICK ALLEY ON PCC BASE	10.000 SY	.		.	
1520	202002 Common Excavation	3.000 CY	.		.	
1530	209002 Aggregate Base Course	205.000 CY	.		.	
1540	212002 Test Pit	20.000 EACH	.		.	
1550	402002 Superpave Base Course, 19 mm	2.000 TON	.		.	
1560	402012 Sperrpave Surface Course, 12.5 mm	364.000 TON	.		.	
1570	403002 Tack Coat	3040.000 SY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1580	502004 PCC Base for Utility Cuts	260.000 CY	.		.	
1590	506002 Repair PCC Pavement	29.000 CY	.		.	
1600	506008 Repair PCC Driveway-Alley Entrance	25.000 CY	.		.	
1610	606002 Pavement Profiling (Milling)	3040.000 SY	.		.	
1620	608016 Repair-Replace PCC Sidewalk, 4 Inch	186.000 SY	.		.	
1630	608020 Repair-Replace Exposed Aggregate PCC Sidewalk	2.000 SY	.		.	
1640	608032 Brick Sidewalk Repair on PCC Base	2.000 SY	.		.	
1650	608034 Brick Sidewalk Repair on Sand-Cement Base	2.000 SY	.		.	
1660	609002 PCC Curb and/or Gutter	2.000 CY	.		.	
1670	609050 Repair-Replace PCC Curb and/or Gutter	2.000 CY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1680	609052 Repair-Replace PCC Circular Curb and/or Gutter	2.000 CY	.		.	
1690	609068 Furnish and Set 8"x12" Granite Straight Curb	2.000 LF	.		.	
1700	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	2.000 LF	.		.	
1710	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	2.000 LF	.		.	
1720	609086 Reset Stone Curb	2.000 LF	.		.	
1730	609204 PCC Wheelchair/Bicycle Ramp	2.000 SY	.		.	
1740	610018 Sod with 3 Inch Topsoil	12320.000 SY	.		.	
1750	616001 Maintenance of Highway Traffic	LUMP	LUMP		.	
1760	618016 Furnish and Install 36" x 36" x 36" Manhole	68.000 EACH	.		.	
1770	618020 Remove Manhole over 24" x 24"	3.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1780	618022 Furnish and Install 48" x 48" x 48" Manhole	47.000 EACH	.		.	
1790	618038 Furnish and Install Frame and Cover for 48" x 48" Manhole	1.000 EACH	.		.	
1800	618046 Furnish and Install Open Bottom Handhole	1.000 EACH	.		.	
1810	618050 Clean Electrical Manhole/Handhole	10.000 EACH	.		.	
1820	618070 Furnish and Install 1-1" PVC-Coated Rigid Street Conduit	260.000 LF	.		.	
1830	618072 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit	2190.000 LF	.		.	
1840	618080 Furnish and Install 1-2" Schedule 80 HDPE Conduit (Bored)	10.000 LF	.		.	
1850	618100 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit	10.000 LF	.		.	
1860	618108 Furnish and Install 1-4" Schedule 80 HDPE Conduit (bored)	10.000 LF	.		.	
1870	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duct bank)	1481.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1880	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Cond uits (duct bank)	10.000 LF	.		.	
1890	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Cond uits (duct bank)	10.000 LF	.		.	
1900	618154 Furnish and Install 4-4" Schedule 40 Rigid PVC Conduit (duct bank)	9716.000 LF	.		.	
1910	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	2798.000 LF	.		.	
1920	618162 Furnish and Install 2-4" and 1-2" Schedule 40 Rigid PVC Cond uit (duct bank)	4338.000 LF	.		.	
1930	618164 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	2040.000 LF	.		.	
1940	618166 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	4140.000 LF	.		.	
1950	618168 Probe-Discovery of Faults	10.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
1960	618170 Developing Repair Procedures of Faults in the Street Lightin g Cable/Conduit System	10.000 EACH	.		.	
1970	618172 Clean and Rod Existing Conduit	10.000 LF	.		.	
1980	618178 Repair of Existing Underground Conduit	10.000 LF	.		.	
1990	618190 Furnish and Install #10 Stranded Wire	23117.000 LF	.		.	
2000	618196 Furnish and Install #8 Stranded Wire	10.000 LF	.		.	
2010	618208 Furnish and Install #4 Stranded Wire	9024.000 LF	.		.	
2020	618220 Furnish and Install #2 Stranded Wire	1460.000 LF	.		.	
2030	618250 Furnish and Install #0000 Stranded Wire	22638.000 LF	.		.	
2040	618262 Furnish and Install 300 KCMIL Stranded Wire	29.000 LF	.		.	
2050	618292 Furnish and Install #8 Stranded Ground Wire	9228.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2160	618486 Furnish and Install #16 Cast Iron Pole	1.000 EACH	.		.	
2170	618490 Install D.C. Furnished #16 Cast Iron Pole	1.000 EACH	.		.	
2180	618492 Remove #16 Cast Iron Street Light Pole	11.000 EACH	.		.	
2190	618502 Furnish and Install #18 Cast Iron pole	47.000 EACH	.		.	
2200	618508 Remove #18 Cast Iron Street Light Pole	1.000 EACH	.		.	
2210	618524 Remove 716 Street Light Pole	1.000 EACH	.		.	
2220	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	1.000 EACH	.		.	
2230	618532 Remove Twin 20 Steel/Cast Iron/Aluminum Street Light Pole	1.000 EACH	.		.	
2240	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	20.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2250	618546 Install D.C. Furnished 28'-6" Foot Steel Pendant Pole with up to 8' Arm	1.000 EACH	.		.	
2260	618566 Remove Pendant Pole 30 ft. Height or Less	24.000 EACH	.		.	
2270	618568 Furnish and Install 38'-6" Steel Pendant Pole with Truss Arm	1.000 EACH	.		.	
2280	618606 Remove 3A or 5A Alley Pole with Arm	1.000 EACH	.		.	
2290	618608 Furnish and Install 5A Alley Pole with Arm	1.000 EACH	.		.	
2300	618618 Remove RLA Street Light Pole	1.000 EACH	.		.	
2310	618624 Furnish and Install Wood Pole, 35 ft. Height or Less	1.000 EACH	.		.	
2320	618640 Clean and Paint Streetlight Pole	1.000 EACH	.		.	
2330	618668 Remove arm from wood pole up to 8 ft. in Length	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2340	618676 Furnish and Install 8 ft. Arm on Wood Pole	1.000 EACH	.		.	
2350	618702 Remove Fixture/Arm from Structure	1.000 EACH	.		.	
2360	618720 Remove Luminaire from Wood Pole	1.000 EACH	.		.	
2370	618722 Remove Luminaire from Steel Pole	27.000 EACH	.		.	
2380	618724 Furnish and Install 70 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
2390	618730 Furnish and Install 100 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
2400	618742 Furnish and Install 150 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
2410	618754 Furnish and Install 250 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
2420	618766 Furnish and Install 400 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
2430	618772 Furnish and Install 400 Watt MH Cutoff Luminaire	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2440	618796 Furnish and Install 150 Watt HPS Conversion Kit	24.000 EACH	.		.	
2450	618802 Furnish and Install 250 Watt HPS Conversion Kit	1.000 EACH	.		.	
2460	618808 Furnish and Install 400 Watt HPS Conversion Kit	1.000 EACH	.		.	
2470	618814 Furnish and Install 400 Watt MH Conversion Kit	1.000 EACH	.		.	
2480	618852 Furnish and Install 192 Plastic Globe	1.000 EACH	.		.	
2490	618860 Furnish and Install 118 Plastic Globe	47.000 EACH	.		.	
2500	618888 Furnish and Install 4" PVC Rigid U-Guard on Wood Pole	30.000 LF	.		.	
2510	618896 Furnish and Install 1" PVC Rigid U-Guard on Wood Pole	10.000 LF	.		.	
2520	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- REPLACE EXISTING ARM ON METAL POLE WITH WITH DECORATIVE ARM (TEAR DROP)	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2530	618999 Payment to PEPCO for Connection, Disconnection, Inspection CONTRACTOR TO PAY PEPCO FOR ELECTRICAL SERVICE CONNECTION	LUMP	LUMP			86400.00
	SECTION 0002 TOTAL					.

SECTION 0003 NON PARTICIPATING STREETLIGHT CONSTRUCTION OPT YEAR 2

2540	000003 Employee Training	720.000				
		HR		.		.
2550	000506 Unassigned Special Item -EACH - F & I 400 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000	EACH			.
2560	000506 Unassigned Special Item -EACH - F & I175 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000	EACH			.
2570	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 12" OR LESS BC STREE TLIGHT FOUNDATION	10.000	EACH			.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2580	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175 W METAL HALIDE C ONVERSION KIT LAMP AND PHOTOCELL	EACH 160.000	.		.	
2590	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175W METAL HALIDE CU TOFF LUMINAIRE, LAMP AND PHOTOCELL	EACH 1.000	.		.	
2600	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 250 W HPS CUTOFF TEA RDROP FIXTURE, LAMP AND PHOTOCELL	EACH 72.000	.		.	
2610	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 28'-6" PENDANT POST WITH DECORATIVE ARM	EACH 41.000	.		.	
2620	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 400W HPS CUTOFF TEAR DROP FIXTURE, LAMP AND PHOTOCELL	EACH 1.000	.		.	
2630	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL DECORATIVE ARM ON WO OD POLE (FOR TEAR DROP)	EACH 12.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2640	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL SPREAD FOOTER STREET LIGHT FOUNDATION	4.000 EACH	.		.	
2650	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 150W HPS CUTOFF TEARD ROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
2660	000506 Unassigned Special Item -EACH - NEW TEMPORARY SIGNAL POLE	2.000 EACH	.		.	
2670	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL 1 VEHICULAR SIGNAL HEAD (3-6 SECTIONS)	2.000 EACH	.		.	
2680	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL MICROWAVE/OPTICOM DETECTOR	1.000 EACH	.		.	
2690	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL PEDESTRIAN PUSH BUTTON	2.000 EACH	.		.	
2700	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL WALK-DONT WALK PEDESTRIAN SIGNAL HEAD	2.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2710	000508 Unassigned Special Item -HR - TREE TRIMMING	10.000 HR	.		.	
2720	000509 Unassigned Special Item -LF - F & I 1-4" AND 1-2" SCH. 40 RIGID PVC CO NDUIITS (CONCRETE ENCASED)	10.000 LF	.		.	
2730	000509 Unassigned Special Item -LF - FURNISH AND INSTALL 2-2" SCHEDULE 40 RIG ID PVC CONDUIT (CONCRETE ENCASED)	73.000 LF	.		.	
2740	000509 Unassigned Special Item -LF - FURNISH AND INSTALL TRI-PLEX OVERHEAD CABLE	10.000 LF	.		.	
2750	000509 Unassigned Special Item -LF - REMOVE ABANDONED STREET CAR TRACK	10.000 LF	.		.	
2760	000514 Unassigned Special Item -SF - REPAIR-REPLACE STONE WALKWAY	2.000 SF	.		.	
2770	000515 Unassigned Special Item -SY - REPAIR-REPLACE BRICK ALLEY ON PCC BASE	10.000 SY	.		.	
2780	202002 Common Excavation	3.000 CY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2790	209002 Aggregate Base Course	205.000 CY	.		.	
2800	212002 Test Pit	20.000 EACH	.		.	
2810	402002 Superpave Base Course, 19 mm	2.000 TON	.		.	
2820	402012 Sperrpave Surface Course, 12.5 mm	364.000 TON	.		.	
2830	403002 Tack Coat	3040.000 SY	.		.	
2840	502004 PCC Base for Utility Cuts	260.000 CY	.		.	
2850	506002 Repair PCC Pavement	29.000 CY	.		.	
2860	506008 Repair PCC Driveway-Alley Entrance	25.000 CY	.		.	
2870	606002 Pavement Profiling (Milling)	3040.000 SY	.		.	
2880	608016 Repair-Replace PCC Sidewalk, 4 Inch	186.000 SY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
2890	608020 Repair-Replace Exposed Aggregate PCC Sidewalk	2.000 SY
2900	608032 Brick Sidewalk Repair on PCC Base	2.000 SY	.	.	.	.
2910	608034 Brick Sidewalk Repair on Sand-Cement Base	2.000 SY	.	.	.	.
2920	609002 PCC Curb and/or Gutter	2.000 CY	.	.	.	.
2930	609050 Repair-Replace PCC Curb and/or Gutter	2.000 CY	.	.	.	.
2940	609052 Repair-Replace PCC Circular Curb and/or Gutter	2.000 CY	.	.	.	.
2950	609068 Furnish and Set 8"x12" Granite Straight Curb	2.000 LF	.	.	.	.
2960	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	2.000 LF	.	.	.	.
2970	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	2.000 LF
2980	609086 Reset Stone Curb	2.000 LF

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			DOLLARS	CTS	DOLLARS	CTS
2990	609204 PCC Wheelchair/Bicycle Ramp	2.000 SY	.		.	
3000	610018 Sod with 3 Inch Topsoil	12320.000 SY	.		.	
3010	616001 Maintenance of Highway Traffic	LUMP	LUMP		.	
3020	618016 Furnish and Install 36" x 36" x 36" Manhole	68.000 EACH	.		.	
3030	618020 Remove Manhole over 24" x 24"	3.000 EACH	.		.	
3040	618022 Furnish and Install 48" x 48" x 48" Manhole	47.000 EACH	.		.	
3050	618038 Furnish and Install Frame and Cover for 48" x 48" Manhole	1.000 EACH	.		.	
3060	618046 Furnish and Install Open Bottom Handhole	1.000 EACH	.		.	
3070	618050 Clean Electrical Manhole/Handhole	10.000 EACH	.		.	
3080	618070 Furnish and Install 1-1" PVC-Coated Rigid Street Conduit	260.000 LF	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
3090	618072 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit	2190.000 LF
3100	618080 Furnish and Install 1-2" Schedule 80 HDPE Conduit (Bored)	10.000 LF	.	.	.	.
3110	618100 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit	10.000 LF	.	.	.	.
3120	618108 Furnish and Install 1-4" Schedule 80 HDPE Conduit (bored)	10.000 LF	.	.	.	.
3130	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duct bank)	1481.000 LF	.	.	.	.
3140	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Conduits (duct bank)	10.000 LF	.	.	.	.
3150	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Conduits (duct bank)	10.000 LF	.	.	.	.
3160	618154 Furnish and Install 4-4" Schedule 40 Rigid PVC Conduit (duct bank)	9716.000 LF	.	.	.	.
3170	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	2798.000 LF

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			DOLLARS	CTS	DOLLARS	CTS
3180	618162 Furnish and Install 2-4" and 1-2" Schedule 40 Rigid PVC Cond uit (duct bank)	4338.000 LF
3190	618164 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	2040.000 LF	.	.	.	.
3200	618166 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	4140.000 LF	.	.	.	.
3210	618168 Probe-Discovery of Faults	10.000 EACH	.	.	.	.
3220	618170 Developing Repair Procedures of Faults in the Street Lightin g Cable/Conduit System	10.000 EACH	.	.	.	.
3230	618172 Clean and Rod Existing Conduit	10.000 LF	.	.	.	.
3240	618178 Repair of Existing Underground Conduit	10.000 LF	.	.	.	.
3250	618190 Furnish and Install #10 Stranded Wire	23117.000 LF
3260	618196 Furnish and Install #8 Stranded Wire	10.000 LF

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 OTHERS

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3270	618208 Furnish and Install #4 Stranded Wire	9024.000 LF	.	.	.	.
3280	618220 Furnish and Install #2 Stranded Wire	1460.000 LF	.	.	.	.
3290	618250 Furnish and Install #0000 Stranded Wire	22638.000 LF	.	.	.	.
3300	618262 Furnish and Install 300 KCMIL Stranded Wire	29.000 LF	.	.	.	.
3310	618292 Furnish and Install #8 Stranded Ground Wire	9228.000 LF	.	.	.	.
3320	618298 Furnish and Install #6 Stranded Ground Wire	3008.000 LF	.	.	.	.
3330	618310 Furnish and Install #2 Stranded Ground Wire	7550.000 LF	.	.	.	.
3340	618334 Remove Conductors in Conduits	4200.000 LF	.	.	.	.
3350	618354 Remove Overhead Conductors [Defined in Pay Item Description]	10.000 LF	.	.	.	.
3360	618394 Furnish and Install 15" B.C. Street Light Foundation	104.000 EACH

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3370	618400 Remove Street Light Pole Foundation	57.000 EACH	.		.	
3380	618420 Furnish and Install 15" B.C. Breakaway Transformer Base	20.000 EACH	.		.	
3390	618436 Furnish and Install 15" B.C Steel Transformer Base	41.000 EACH	.		.	
3400	618470 Furnish and Install #14 Cast Iron Pole	1.000 EACH	.		.	
3410	618476 Remove #13 or #14 Cast Iron Street Light Pole	4.000 EACH	.		.	
3420	618486 Furnish and Install #16 Cast Iron Pole	1.000 EACH	.		.	
3430	618490 Install D.C. Furnished #16 Cast Iron Pole	1.000 EACH	.		.	
3440	618492 Remove #16 Cast Iron Street Light Pole	11.000 EACH	.		.	
3450	618502 Furnish and Install #18 Cast Iron pole	47.000 EACH	.		.	
3460	618508 Remove #18 Cast Iron Street Light Pole	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3470	618524 Remove 716 Street Light Pole	1.000 EACH	.		.	
3480	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	1.000 EACH	.		.	
3490	618532 Remove Twin 20 Steel/Cast Iron/Aluminum Street Light Pole	1.000 EACH	.		.	
3500	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	20.000 EACH	.		.	
3510	618546 Install D.C. Furnished 28'-6" Foot Steel Pendant Pole with up to 8' Arm	1.000 EACH	.		.	
3520	618566 Remove Pendant Pole 30 ft. Height or Less	24.000 EACH	.		.	
3530	618568 Furnish and Install 38'-6" Steel Pendant Pole with Truss Arm	1.000 EACH	.		.	
3540	618606 Remove 3A or 5A Alley Pole with Arm	1.000 EACH	.		.	
3550	618608 Furnish and Install 5A Alley Pole with Arm	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3560	618618 Remove RLA Street Light Pole	1.000 EACH	.		.	
3570	618624 Furnish and Install Wood Pole, 35 ft. Height or Less	1.000 EACH	.		.	
3580	618640 Clean and Paint Streetlight Pole	1.000 EACH	.		.	
3590	618668 Remove arm from wood pole up to 8 ft. in Length	1.000 EACH	.		.	
3600	618676 Furnish and Install 8 ft. Arm on Wood Pole	1.000 EACH	.		.	
3610	618702 Remove Fixture/Arm from Structure	1.000 EACH	.		.	
3620	618720 Remove Luminaire from Wood Pole	1.000 EACH	.		.	
3630	618722 Remove Luminaire from Steel Pole	27.000 EACH	.		.	
3640	618724 Furnish and Install 70 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
3650	618730 Furnish and Install 100 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3760	618888 Furnish and Install 4" PVC Rigid U-Guard on Wood Pole	30.000 LF	.		.	
3770	618896 Furnish and Install 1" PVC Rigid U-Guard on Wood Pole	10.000 LF	.		.	
3780	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- REPLACE EXISTING ARM ON METAL POLE WITH DECORATIVE ARM (TEAR DROP)	1.000 EACH	.		.	
3790	618999 Payment to PEPCO for Connection, Disconnection, Inspection CONTRACTOR TO PAY PEPCO FOR ELECTRICAL SERVICE CONNECTION	LUMP	LUMP		86400.00	
	SECTION 0003 TOTAL				.	

SECTION 0004 PARTICIPATING STREETLIGHT CONSTRUCTION OPTION YEAR 3

3800	000003 Employee Training	720.000 HR	.		.	
3810	000506 Unassigned Special Item -EACH - F & I 400 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3820	000506 Unassigned Special Item -EACH - F & I175 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
3830	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 12" OR LESS BC STREE TLIGHT FOUNDATION	10.000 EACH	.		.	
3840	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175 W METAL HALIDE C ONVERSION KIT LAMP AND PHOTOCELL	160.000 EACH	.		.	
3850	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175W METAL HALIDE CU TOFF LUMINAIRE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
3860	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 250 W HPS CUTOFF TEA RDROP FIXTURE, LAMP AND PHOTOCELL	72.000 EACH	.		.	
3870	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 28'-6" PENDANT POST WITH DECORATIVE ARM	41.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3880	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 400W HPS CUTOFF TEAR DROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
3890	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL DECORATIVE ARM ON WO OD POLE (FOR TEAR DROP)	12.000 EACH	.		.	
3900	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL SPREAD FOOTER STREET LIGHT FOUNDATION	4.000 EACH	.		.	
3910	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 150W HPS CUTOFF TEARD ROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
3920	000506 Unassigned Special Item -EACH - NEW TEMPORARY SIGNAL POLE	2.000 EACH	.		.	
3930	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL 1 VEHICULAR SIGNAL HEAD (3-6 SECTIONS)	2.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
3940	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL MICROWAVE/OPTICOM DETECTOR	EACH 1.000	.		.	
3950	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL PEDESTRIAN PUSH BUTTON	EACH 2.000	.		.	
3960	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL WALK-DONT WALK PEDESTRI AN SIGNAL HEAD	EACH 2.000	.		.	
3970	000508 Unassigned Special Item -HR - TREE TRIMMING	HR 10.000	.		.	
3980	000509 Unassigned Special Item -LF - F & I 1-4" AND 1-2" SCH. 40 RIGID PVC CO NDUITS (CONCRETE ENCASED)	LF 10.000	.		.	
3990	000509 Unassigned Special Item -LF - FURNISH AND INSTALL 2-2" SCHEDULE 40 RIG ID PVC CONDUIT (CONCRETE ENCASED)	LF 73.000	.		.	
4000	000509 Unassigned Special Item -LF - FURNISH AND INSTALL TRI-PLEX OVERHEAD CABLE	LF 10.000	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4010	000509 Unassigned Special Item -LF - REMOVE ABANDONED STREET CAR TRACK	10.000 LF	.	.	.	.
4020	000514 Unassigned Special Item -SF - REPAIR-REPLACE STONE WALKWAY	2.000 SF	.	.	.	.
4030	000515 Unassigned Special Item -SY - REPAIR-REPLACE BRICK ALLEY ON PCC BASE	10.000 SY	.	.	.	.
4040	202002 Common Excavation	3.000 CY	.	.	.	.
4050	209002 Aggregate Base Course	205.000 CY	.	.	.	.
4060	212002 Test Pit	20.000 EACH	.	.	.	.
4070	402002 Superpave Base Course, 19 mm	2.000 TON	.	.	.	.
4080	402012 Sperrpave Surface Course, 12.5 mm	364.000 TON
4090	403002 Tack Coat	3040.000 SY

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4100	502004 PCC Base for Utility Cuts	260.000 CY	.		.	
4110	506002 Repair PCC Pavement	29.000 CY	.		.	
4120	506008 Repair PCC Driveway-Alley Entrance	25.000 CY	.		.	
4130	606002 Pavement Profiling (Milling)	3040.000 SY	.		.	
4140	608016 Repair-Replace PCC Sidewalk, 4 Inch	186.000 SY	.		.	
4150	608020 Repair-Replace Exposed Aggregate PCC Sidewalk	2.000 SY	.		.	
4160	608032 Brick Sidewalk Repair on PCC Base	2.000 SY	.		.	
4170	608034 Brick Sidewalk Repair on Sand-Cement Base	2.000 SY	.		.	
4180	609002 PCC Curb and/or Gutter	2.000 CY	.		.	
4190	609050 Repair-Replace PCC Curb and/or Gutter	2.000 CY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4200	609052 Repair-Replace PCC Circular Curb and/or Gutter	2.000 CY	.		.	
4210	609068 Furnish and Set 8"x12" Granite Straight Curb	2.000 LF	.		.	
4220	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	2.000 LF	.		.	
4230	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	2.000 LF	.		.	
4240	609086 Reset Stone Curb	2.000 LF	.		.	
4250	609204 PCC Wheelchair/Bicycle Ramp	2.000 SY	.		.	
4260	610018 Sod with 3 Inch Topsoil	12320.000 SY	.		.	
4270	616001 Maintenance of Highway Traffic	LUMP	LUMP		.	
4280	618016 Furnish and Install 36" x 36" x 36" Manhole	68.000 EACH	.		.	
4290	618020 Remove Manhole over 24" x 24"	3.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4300	618022 Furnish and Install 48" x 48" x 48" Manhole	47.000 EACH	.		.	
4310	618038 Furnish and Install Frame and Cover for 48" x 48" Manhole	1.000 EACH	.		.	
4320	618046 Furnish and Install Open Bottom Handhole	1.000 EACH	.		.	
4330	618050 Clean Electrical Manhole/Handhole	10.000 EACH	.		.	
4340	618070 Furnish and Install 1-1" PVC-Coated Rigid Street Conduit	260.000 LF	.		.	
4350	618072 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit	2190.000 LF	.		.	
4360	618080 Furnish and Install 1-2" Schedule 80 HDPE Conduit (Bored)	10.000 LF	.		.	
4370	618100 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit	10.000 LF	.		.	
4380	618108 Furnish and Install 1-4" Schedule 80 HDPE Conduit (bored)	10.000 LF	.		.	
4390	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duct bank)	1481.000 LF	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4400	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Cond uits (duct bank)	10.000 LF	.		.	
4410	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Cond uits (duct bank)	10.000 LF	.		.	
4420	618154 Furnish and Install 4-4" Schedule 40 Rigid PVC Conduit (duct bank)	9716.000 LF	.		.	
4430	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	2798.000 LF	.		.	
4440	618162 Furnish and Install 2-4" and 1-2" Schedule 40 Rigid PVC Cond uit (duct bank)	4338.000 LF	.		.	
4450	618164 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	2040.000 LF	.		.	
4460	618166 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	4140.000 LF	.		.	
4470	618168 Probe-Discovery of Faults	10.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4480	618170 Developing Repair Procedures of Faults in the Street Lightin g Cable/Conduit System	10.000 EACH	.		.	
4490	618172 Clean and Rod Existing Conduit	10.000 LF	.		.	
4500	618178 Repair of Existing Underground Conduit	10.000 LF	.		.	
4510	618190 Furnish and Install #10 Stranded Wire	23117.000 LF	.		.	
4520	618196 Furnish and Install #8 Stranded Wire	10.000 LF	.		.	
4530	618208 Furnish and Install #4 Stranded Wire	9024.000 LF	.		.	
4540	618220 Furnish and Install #2 Stranded Wire	1460.000 LF	.		.	
4550	618250 Furnish and Install #0000 Stranded Wire	22638.000 LF	.		.	
4560	618262 Furnish and Install 300 KCMIL Stranded Wire	29.000 LF	.		.	
4570	618292 Furnish and Install #8 Stranded Ground Wire	9228.000 LF	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4580	618298 Furnish and Install #6 Stranded Ground Wire	3008.000 LF	.		.	
4590	618310 Furnish and Install #2 Stranded Ground Wire	7550.000 LF	.		.	
4600	618334 Remove Conductors in Conduits	4200.000 LF	.		.	
4610	618354 Remove Overhead Conductors [Defined in Pay Item Description]	10.000 LF	.		.	
4620	618394 Furnish and Install 15" B.C. Street Light Foundation	104.000 EACH	.		.	
4630	618400 Remove Street Light Pole Foundation	57.000 EACH	.		.	
4640	618420 Furnish and Install 15" B.C. Breakaway Transformer Base	20.000 EACH	.		.	
4650	618436 Furnish and Install 15" B.C Steel Transformer Base	41.000 EACH	.		.	
4660	618470 Furnish and Install #14 Cast Iron Pole	1.000 EACH	.		.	
4670	618476 Remove #13 or #14 Cast Iron Street Light Pole	4.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4680	618486 Furnish and Install #16 Cast Iron Pole	1.000 EACH	.		.	
4690	618490 Install D.C. Furnished #16 Cast Iron Pole	1.000 EACH	.		.	
4700	618492 Remove #16 Cast Iron Street Light Pole	11.000 EACH	.		.	
4710	618502 Furnish and Install #18 Cast Iron pole	47.000 EACH	.		.	
4720	618508 Remove #18 Cast Iron Street Light Pole	1.000 EACH	.		.	
4730	618524 Remove 716 Street Light Pole	1.000 EACH	.		.	
4740	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	1.000 EACH	.		.	
4750	618532 Remove Twin 20 Steel/Cast Iron/Aluminum Street Light Pole	1.000 EACH	.		.	
4760	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	20.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4770	618546 Install D.C. Furnished 28'-6" Foot Steel Pendant Pole with up to 8' Arm	1.000 EACH	.		.	
4780	618566 Remove Pendant Pole 30 ft. Height or Less	24.000 EACH	.		.	
4790	618568 Furnish and Install 38'-6" Steel Pendant Pole with Truss Arm	1.000 EACH	.		.	
4800	618606 Remove 3A or 5A Alley Pole with Arm	1.000 EACH	.		.	
4810	618608 Furnish and Install 5A Alley Pole with Arm	1.000 EACH	.		.	
4820	618618 Remove RLA Street Light Pole	1.000 EACH	.		.	
4830	618624 Furnish and Install Wood Pole, 35 ft. Height or Less	1.000 EACH	.		.	
4840	618640 Clean and Paint Streetlight Pole	1.000 EACH	.		.	
4850	618668 Remove arm from wood pole up to 8 ft. in Length	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4860	618676 Furnish and Install 8 ft. Arm on Wood Pole	1.000 EACH	.		.	
4870	618702 Remove Fixture/Arm from Structure	1.000 EACH	.		.	
4880	618720 Remove Luminaire from Wood Pole	1.000 EACH	.		.	
4890	618722 Remove Luminaire from Steel Pole	27.000 EACH	.		.	
4900	618724 Furnish and Install 70 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
4910	618730 Furnish and Install 100 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
4920	618742 Furnish and Install 150 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
4930	618754 Furnish and Install 250 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
4940	618766 Furnish and Install 400 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
4950	618772 Furnish and Install 400 Watt MH Cutoff Luminaire	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
4960	618796 Furnish and Install 150 Watt HPS Conversion Kit	24.000 EACH	.		.	
4970	618802 Furnish and Install 250 Watt HPS Conversion Kit	1.000 EACH	.		.	
4980	618808 Furnish and Install 400 Watt HPS Conversion Kit	1.000 EACH	.		.	
4990	618814 Furnish and Install 400 Watt MH Conversion Kit	1.000 EACH	.		.	
5000	618852 Furnish and Install 192 Plastic Globe	1.000 EACH	.		.	
5010	618860 Furnish and Install 118 Plastic Globe	47.000 EACH	.		.	
5020	618888 Furnish and Install 4" PVC Rigid U-Guard on Wood Pole	30.000 LF	.		.	
5030	618896 Furnish and Install 1" PVC Rigid U-Guard on Wood Pole	10.000 LF	.		.	
5040	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- REPLACE EXISTING ARM ON METAL POLE WITH DECORATIVE ARM (TEAR DROP)	1.000 EACH	.		.	

District Department of Transportation
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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5050	618999 Payment to PEPCO for Connection, Disconnection, Inspection CONTRACTOR TO PAY PEPCO FOR ELECTRICAL SERVICE CONNECTION	LUMP	LUMP			86400.00
	SECTION 0004 TOTAL					.

SECTION 0005 NON PARTICIPATING STREETLIGHT CONSTRUCTION OPTION YEAR 4

5060	000003 Employee Training	720.000				
		HR		.		.
5070	000506 Unassigned Special Item -EACH - F & I 400 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000	EACH			.
5080	000506 Unassigned Special Item -EACH - F & I175 W METAL HALIDE CUTOFF TEARDROP FIXTURE, LAMP AND PHOTOCELL	1.000	EACH			.
5090	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 12" OR LESS BC STREE TLIGHT FOUNDATION	10.000	EACH			.

SCHEDULE OF ITEMS

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5100	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175 W METAL HALIDE C ONVERSION KIT LAMP AND PHOTOCELL	EACH 160.000	.		.	
5110	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 175W METAL HALIDE CU TOFF LUMINAIRE, LAMP AND PHOTOCELL	EACH 1.000	.		.	
5120	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 250 W HPS CUTOFF TEA RDROP FIXTURE, LAMP AND PHOTOCELL	EACH 72.000	.		.	
5130	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 28'-6" PENDANT POST WITH DECORATIVE ARM	EACH 41.000	.		.	
5140	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 400W HPS CUTOFF TEAR DROP FIXTURE, LAMP AND PHOTOCELL	EACH 1.000	.		.	
5150	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL DECORATIVE ARM ON WO OD POLE (FOR TEAR DROP)	EACH 12.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
5160	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL SPREAD FOOTER STREET LIGHT FOUNDATION	4.000 EACH	.		.	
5170	000506 Unassigned Special Item -EACH - FURNISH AND INSTALL 150W HPS CUTOFF TEARD ROP FIXTURE, LAMP AND PHOTOCELL	1.000 EACH	.		.	
5180	000506 Unassigned Special Item -EACH - NEW TEMPORARY SIGNAL POLE	2.000 EACH	.		.	
5190	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL 1 VEHICULAR SIGNAL HEAD (3-6 SECTIONS)	2.000 EACH	.		.	
5200	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL MICROWAVE/OPTICOM DETECTOR	1.000 EACH	.		.	
5210	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL PEDESTRIAN PUSH BUTTON	2.000 EACH	.		.	
5220	000506 Unassigned Special Item -EACH - REMOVE-REINSTALL WALK-DONT WALK PEDESTRIAN SIGNAL HEAD	2.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5230	000508 Unassigned Special Item -HR - TREE TRIMMING	10.000 HR	.		.	
5240	000509 Unassigned Special Item -LF - F & I 1-4" AND 1-2" SCH. 40 RIGID PVC CO NDUIITS (CONCRETE ENCASED)	10.000 LF	.		.	
5250	000509 Unassigned Special Item -LF - FURNISH AND INSTALL 2-2" SCHEDULE 40 RIG ID PVC CONDUIT (CONCRETE ENCASED)	73.000 LF	.		.	
5260	000509 Unassigned Special Item -LF - FURNISH AND INSTALL TRI-PLEX OVERHEAD CABLE	10.000 LF	.		.	
5270	000509 Unassigned Special Item -LF - REMOVE ABANDONED STREET CAR TRACK	10.000 LF	.		.	
5280	000514 Unassigned Special Item -SF - REPAIR-REPLACE STONE WALKWAY	2.000 SF	.		.	
5290	000515 Unassigned Special Item -SY - REPAIR-REPLACE BRICK ALLEY ON PCC BASE	10.000 SY	.		.	
5300	202002 Common Excavation	3.000 CY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5310	209002 Aggregate Base Course	205.000 CY	.		.	
5320	212002 Test Pit	20.000 EACH	.		.	
5330	402002 Superpave Base Course, 19 mm	2.000 TON	.		.	
5340	402012 Sperrpave Surface Course, 12.5 mm	364.000 TON	.		.	
5350	403002 Tack Coat	3040.000 SY	.		.	
5360	502004 PCC Base for Utility Cuts	260.000 CY	.		.	
5370	506002 Repair PCC Pavement	29.000 CY	.		.	
5380	506008 Repair PCC Driveway-Alley Entrance	25.000 CY	.		.	
5390	606002 Pavement Profiling (Milling)	3040.000 SY	.		.	
5400	608016 Repair-Replace PCC Sidewalk, 4 Inch	186.000 SY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5410	608020 Repair-Replace Exposed Aggregate PCC Sidewalk	2.000 SY	.		.	
5420	608032 Brick Sidewalk Repair on PCC Base	2.000 SY	.		.	
5430	608034 Brick Sidewalk Repair on Sand-Cement Base	2.000 SY	.		.	
5440	609002 PCC Curb and/or Gutter	2.000 CY	.		.	
5450	609050 Repair-Replace PCC Curb and/or Gutter	2.000 CY	.		.	
5460	609052 Repair-Replace PCC Circular Curb and/or Gutter	2.000 CY	.		.	
5470	609068 Furnish and Set 8"x12" Granite Straight Curb	2.000 LF	.		.	
5480	609070 Furnish and Set 8"x12" Granite Circular Curb, Radius Under 10 Ft.	2.000 LF	.		.	
5490	609072 Furnish and Set 8"x12" Granite Circular Curb, Radius 10-100 Ft.	2.000 LF	.		.	
5500	609086 Reset Stone Curb	2.000 LF	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5510	609204 PCC Wheelchair/Bicycle Ramp	2.000 SY	.		.	
5520	610018 Sod with 3 Inch Topsoil	12320.000 SY	.		.	
5530	616001 Maintenance of Highway Traffic	LUMP	LUMP		.	
5540	618016 Furnish and Install 36" x 36" x 36" Manhole	68.000 EACH	.		.	
5550	618020 Remove Manhole over 24" x 24"	3.000 EACH	.		.	
5560	618022 Furnish and Install 48" x 48" x 48" Manhole	47.000 EACH	.		.	
5570	618038 Furnish and Install Frame and Cover for 48" x 48" Manhole	1.000 EACH	.		.	
5580	618046 Furnish and Install Open Bottom Handhole	1.000 EACH	.		.	
5590	618050 Clean Electrical Manhole/Handhole	10.000 EACH	.		.	
5600	618070 Furnish and Install 1-1" PVC-Coated Rigid Street Conduit	260.000 LF	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5610	618072 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit	2190.000 LF	.	.	.	.
5620	618080 Furnish and Install 1-2" Schedule 80 HDPE Conduit (Bored)	10.000 LF	.	.	.	.
5630	618100 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit	10.000 LF	.	.	.	.
5640	618108 Furnish and Install 1-4" Schedule 80 HDPE Conduit (bored)	10.000 LF	.	.	.	.
5650	618148 Furnish and Install 6-4" Schedule 40 Rigid PVC Conduits (duct bank)	1481.000 LF	.	.	.	.
5660	618150 Furnish and Install 6-4" and 1-2" Schedule 40 Rigid PVC Conduits (duct bank)	10.000 LF	.	.	.	.
5670	618152 Furnish and Install 6-4" and 2-2" Schedule 40 Rigid PVC Conduits (duct bank)	10.000 LF	.	.	.	.
5680	618154 Furnish and Install 4-4" Schedule 40 Rigid PVC Conduit (duct bank)	9716.000 LF	.	.	.	.
5690	618160 Furnish and Install 2-4" Schedule 40 Rigid PVC Conduit (duct bank)	2798.000 LF

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5700	618162 Furnish and Install 2-4" and 1-2" Schedule 40 Rigid PVC Cond uit (duct bank)	4338.000 LF	.	.	.	.
5710	618164 Furnish and Install 1-2" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	2040.000 LF	.	.	.	.
5720	618166 Furnish and Install 1-4" Schedule 40 Rigid PVC Conduit (Supplemental to already specified duct bank)	4140.000 LF	.	.	.	.
5730	618168 Probe-Discovery of Faults	10.000 EACH	.	.	.	.
5740	618170 Developing Repair Procedures of Faults in the Street Lightin g Cable/Conduit System	10.000 EACH	.	.	.	.
5750	618172 Clean and Rod Existing Conduit	10.000 LF	.	.	.	.
5760	618178 Repair of Existing Underground Conduit	10.000 LF	.	.	.	.
5770	618190 Furnish and Install #10 Stranded Wire	23117.000 LF
5780	618196 Furnish and Install #8 Stranded Wire	10.000 LF

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			DOLLARS	CTS	DOLLARS	CTS
5790	618208 Furnish and Install #4 Stranded Wire	9024.000 LF	.		.	
5800	618220 Furnish and Install #2 Stranded Wire	1460.000 LF	.		.	
5810	618250 Furnish and Install #0000 Stranded Wire	22638.000 LF	.		.	
5820	618262 Furnish and Install 300 KCMIL Stranded Wire	29.000 LF	.		.	
5830	618292 Furnish and Install #8 Stranded Ground Wire	9228.000 LF	.		.	
5840	618298 Furnish and Install #6 Stranded Ground Wire	3008.000 LF	.		.	
5850	618310 Furnish and Install #2 Stranded Ground Wire	7550.000 LF	.		.	
5860	618334 Remove Conductors in Conduits	4200.000 LF	.		.	
5870	618354 Remove Overhead Conductors [Defined in Pay Item Description]	10.000 LF	.		.	
5880	618394 Furnish and Install 15" B.C. Street Light Foundation	104.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
5890	618400 Remove Street Light Pole Foundation	57.000 EACH	.		.	
5900	618420 Furnish and Install 15" B.C. Breakaway Transformer Base	20.000 EACH	.		.	
5910	618436 Furnish and Install 15" B.C Steel Transformer Base	41.000 EACH	.		.	
5920	618470 Furnish and Install #14 Cast Iron Pole	1.000 EACH	.		.	
5930	618476 Remove #13 or #14 Cast Iron Street Light Pole	4.000 EACH	.		.	
5940	618486 Furnish and Install #16 Cast Iron Pole	1.000 EACH	.		.	
5950	618490 Install D.C. Furnished #16 Cast Iron Pole	1.000 EACH	.		.	
5960	618492 Remove #16 Cast Iron Street Light Pole	11.000 EACH	.		.	
5970	618502 Furnish and Install #18 Cast Iron pole	47.000 EACH	.		.	
5980	618508 Remove #18 Cast Iron Street Light Pole	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
5990	618524 Remove 716 Street Light Pole	1.000 EACH	.		.	
6000	618526 Furnish and Install Twin 20 Steel/Cast Iron Pole	1.000 EACH	.		.	
6010	618532 Remove Twin 20 Steel/Cast Iron/Aluminum Street Light Pole	1.000 EACH	.		.	
6020	618542 Furnish and Install 28'-6" Steel Pendant Pole with up to 8' Arm	20.000 EACH	.		.	
6030	618546 Install D.C. Furnished 28'-6" Foot Steel Pendant Pole with up to 8' Arm	1.000 EACH	.		.	
6040	618566 Remove Pendant Pole 30 ft. Height or Less	24.000 EACH	.		.	
6050	618568 Furnish and Install 38'-6" Steel Pendant Pole with Truss Arm	1.000 EACH	.		.	
6060	618606 Remove 3A or 5A Alley Pole with Arm	1.000 EACH	.		.	
6070	618608 Furnish and Install 5A Alley Pole with Arm	1.000 EACH	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
6080	618618 Remove RLA Street Light Pole	1.000 EACH	.		.	
6090	618624 Furnish and Install Wood Pole, 35 ft. Height or Less	2.000 EACH	.		.	
6100	618668 Remove arm from wood pole up to 8 ft. in Length	1.000 EACH	.		.	
6110	618676 Furnish and Install 8 ft. Arm on Wood Pole	1.000 EACH	.		.	
6120	618702 Remove Fixture/Arm from Structure	1.000 EACH	.		.	
6130	618720 Remove Luminaire from Wood Pole	1.000 EACH	.		.	
6140	618722 Remove Luminaire from Steel Pole	27.000 EACH	.		.	
6150	618724 Furnish and Install 70 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
6160	618730 Furnish and Install 100 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
6170	618742 Furnish and Install 150 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
6180	618754 Furnish and Install 250 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
6190	618766 Furnish and Install 400 Watt HPS Cutoff Luminaire	1.000 EACH	.		.	
6200	618772 Furnish and Install 400 Watt MH Cutoff Luminaire	1.000 EACH	.		.	
6210	618796 Furnish and Install 150 Watt HPS Conversion Kit	24.000 EACH	.		.	
6220	618802 Furnish and Install 250 Watt HPS Conversion Kit	1.000 EACH	.		.	
6230	618808 Furnish and Install 400 Watt HPS Conversion Kit	1.000 EACH	.		.	
6240	618814 Furnish and Install 400 Watt MH Conversion Kit	1.000 EACH	.		.	
6250	618852 Furnish and Install 192 Plastic Globe	1.000 EACH	.		.	
6260	618860 Furnish and Install 118 Plastic Globe	47.000 EACH	.		.	
6270	618888 Furnish and Install 4" PVC Rigid U-Guard on Wood Pole	30.000 LF	.		.	

assemblies, in order to prevent the passage of fire, smoke or other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.....\$ 22.00 6.24

 BOIL0193-001 10/01/2006

	Rates	Fringes
Boilermaker.....	\$ 32.06	16.46

 BRDC0001-001 04/30/2006

	Rates	Fringes
Bricklayer.....	\$ 25.90	6.19

 CARP0132-001 05/01/2006

	Rates	Fringes
Carpenter/Lather.....	\$ 23.37	5.75
Piledriver.....	\$ 22.47	6.00

 CARP0132-003 05/01/2004

	Rates	Fringes
Diver Tender.....	\$ 20.85	5.50
Diver.....	\$ 29.63	5.50

 CARP1831-001 04/01/2003

	Rates	Fringes
Millwright.....	\$ 24.34	4.05

 ELEC0026-001 11/06/2006

	Rates	Fringes
Electrician.....	\$ 32.45	11.32+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Jr.'s Birthday, Inauguration Day, Memorial Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, the day after

Thanksgiving and Christmas Day or days designated as legal holidays by the Federal Government.

 ELEC0026-008 07/01/2003

	Rates	Fringes
Motor Repairmen		
Removal and reinstallation		
of electrical motors.....	\$ 23.69	7.73+3%+a

a. PAID HOLIDAYS:

New Year's Day, Martin Luther King Jr.'s Birthday, Inauguration Day, Memorial Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day or days designated as legal holidays by the Federal Government.

 ELEC0070-001 01/01/2006

	Rates	Fringes
Line Construction:		
Groundmen.....	\$ 12.03	4.75+18.75%
Linemen, Cable Splicers,		
Equipment Operators.....	\$ 25.50	4.75+18.75%
Truck with winch.....	\$ 12.35	4.75+18.75%

 ENGI0077-001 05/01/2006

	Rates	Fringes
Power equipment operators:		
(HEAVY AND HIGHWAY		
CONSTRUCTION)		
GROUP 1.....	\$ 26.69	6.42+a+b
GROUP 2.....	\$ 26.23	6.42+a+b
GROUP 3.....	\$ 25.52	6.42+a
GROUP 4.....	\$ 23.49	6.42+a
GROUP 5.....	\$ 18.95	6.42+a
GROUP 6.....	\$ 28.06	6.42+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: 35 ton cranes & above, tower & climbing cranes, derricks, concrete boom pump, drill rigs (equivalent to L & Double L), mole.

GROUP 2: Backhoes, cableways, cranes, cherry pickers, elevating graders, hoists, paving mixers, power shovels, tunnel shovels. batch plants, shields, tunnel mining machines, gradalls, front end loaders, 3 1/2 cu. yds. and above, power driven wheel scoops and scrapers (50 cu. yds. struck capacity or above), rail tamper, draglines, boomcat, mucking machines, graders in tunnels, pile driving engines.

GROUP 3: Front end loaders below 3 1/2 cu. yds, boom trucks, hydraulic backhoes 1/2 yds. capacity or below rubber or track mounted, tug boats, power driven wheel scoops & scrapers, blade graders, motor graders, bulldozers, trenching machines, concrete mixer, speed swing pettibone, ballast regulator, concrete pump, mechanic, welder, mechanic welder, shotcrete machines, Hoeram, locomotive (standard, narrow gauge), tuggers.

GROUP 4: High lifts above 10 feet, boilers (skelton), asphalt spreaders, bullfloat finishing machines, concrete finishing machines, concrete spreaders, fine graders, air compressors, welding machines, pumps, generators, well points, deep wells, hydraulic pumps, elevators, freeze uniits, tunnel motorman or dinky operator, roller, conveyors, well drilling machines, grout pump, fireman.

GROUP 5: Fork lifts, ditch witch, bobcat 1/3 cu. yd. and below, space heaters, sweepers, assistant engineers, oilers.

GROUP 6: Master mechanic.

a. PAID HOLIDAYS: New Years Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

b. PREMIUM PAY: Tower cranes and cranes 100-ton and over to receive \$1.00 per hour premium over Group One.

 ENGI0077-002 06/01/2006

	Rates	Fringes
Power equipment operators: (PAVING AND INCIDENTAL GRADING)		
GROUP 1.....	\$ 21.50	5.25
GROUP 2.....	\$ 19.05	5.25
GROUP 3.....	\$ 17.80	5.25
GROUP 4.....	\$ 16.59	5.25
GROUP 5.....	\$ 15.35	5.25
GROUP 6.....	\$ 21.45	5.25

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Gradall operator, Crane.

GROUP 2: Boom Truck, Milling Machine, Excavator, Rubber Tire Backhoe, Asphalt Paver, Asphalt Plant Engineer.

GROUP 3: Motor Grader, Track Loader, Rubber Tire Loader, Track Dozer, Concrete Paver.

GROUP 4: Broom Truck, Asphalt Roller.

GROUP 5: Air Compressor, Grade Rollers.

GROUP 6: Mechanic.

 ENGI0077-003 07/01/2006

	Rates	Fringes
Power equipment operators:		
(SEWER, GAS AND WATER LINE CONSTRUCTION)		
GROUP 1.....	\$ 19.43	5.12+a
GROUP 2.....	\$ 19.03	5.12+a
GROUP 3.....	\$ 18.88	5.12+a
GROUP 4.....	\$ 18.80	5.12+a
GROUP 5.....	\$ 18.69	5.12+a
GROUP 6.....	\$ 18.52	5.12+a
GROUP 7.....	\$ 18.62	5.12+a
GROUP 8.....	\$ 18.52	5.12+a
GROUP 9.....	\$ 19.06	5.12+a
GROUP 10.....	\$ 18.41	5.12+a
GROUP 11.....	\$ 18.29	5.12+a
GROUP 12.....	\$ 18.20	5.12+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Backhoes, Cableways, Cranes, Derricks, Draglines, Power Shovels, Tunnel Shovels, Tunnel Mucking Machines (1 cubic yard capacity or above).

GROUP 2: Backhoes, Boom Cats, Cableways, Cranes, Derricks, Draglines, Elevating Graders, Hoists, Paving Mixers, Pile Driving Engines, Power and Tunnel Shovels, Tunnel Mucking Machines, Batch Plant, Concrete Pumps.

GROUP 3: Operators of Hydraulic Backhoes of below 1/2 yard capacity.

GROUP 4. Trenching machines above 83 inches.

GROUP 5: Trenching machines (up to & including 83"), Boilers (Skelton), Well Drilling Machines.

GROUP 6: Air Compressors (Tunnel).

GROUP 7: Front-end Loaders (Hi-Lift) and Bulldozers on Sewer and Water Line Work.

GROUP 8: Concrete Mixers, Power Driven Wheel Scoops and Scrapers, Blade graders, Motor Graders, Tunnel Mechanics, Tunnel Motormen.

GROUP 9: Mechanics.

GROUP 10: Bulldozers, Hydraulic Tamper and Hoe Pack Operators.

GROUP 11: Rollers.

GROUP 12: Air Compressors, Pumps, Welding Machines, Well Points.

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Washington's Birthday, Decoration Day, Independence Day, Labor Day,

Veterans Day, Thanksgiving Day, Christmas Day and Martin Luther King's Birthday.

IRON0005-001 06/01/2006

	Rates	Fringes
Ironworkers:		
Structural, Ornamental and		
Chain Link Fence.....	\$ 25.68	11.345

IRON0201-001 05/01/2006

	Rates	Fringes
Ironworkers:		
Reinforcing.....	\$ 23.45	12.08

LABO0456-006 06/01/2006

	Rates	Fringes
Laborers: (BRICK MASONRY WORK)		
Mason Tenders.....	\$ 13.91	3.84
Scaffold Builders,		
Mortarmen and Small		
Equipment Operators.....	\$ 14.65	3.84

LABO0657-003 06/01/2006

	Rates	Fringes
Laborers: (HEAVY AND HIGHWAY AND SEWER & WATER LINES CONSTRUCTION)		
GROUP 1.....	\$ 19.18	3.84
GROUP 2.....	\$ 19.46	3.84
GROUP 3.....	\$ 19.61	3.84
GROUP 4.....	\$ 19.75	3.84
GROUP 5.....	\$ 20.15	3.84
GROUP 6.....	\$ 20.64	3.84
GROUP 7.....	\$ 21.11	3.84
GROUP 8.....	\$ 21.77	3.84

LABORERS CLASSIFICATIONS:

GROUP 1: Carloaders, choker setter, concrete crewman, crushed feeder, demolition laborers, including salvaging all material, loading, cleaning up, wrecking, dumpmen, flagmen, fence erector and installer (other than chain link), including installation and erection of fence, guard rails, medial rails, reference posts, guide posts and right-of-way markers, form strippers, general laborers, railroad track laborers, riprap man, scale man, stake jumper, structure mover, includes foundation, separation, preparation, cribbing, shoring, jacking and unloading of structures, water nozzle man, timber bucket and faller, truck loader, water boys, tool room men.

GROUP 2: Combined air and water nozzleman, cement handler, dope pot fireman (nonmechanical), form cleaning machine, mechanical railroad equipment (includes spiker, puller, tile cleaner, tamper, pipe wrapper, power driven wheelbarrows, operators of hand derricks, towmasters, scootcretes, buggymobiles and similar equipment), tamper or rammer operator, trestle scaffold builders over one tier high, power tool operator (gas, electric or pneumatic), sandblast or gunnite tailhose man, scaffold erector, (steel or wood), vibrator operator (up to 4 feet), asphalt cutter, mortar men, shorer and lagger, creosote material handler, corrosive enamel or equl, paver breaker and jackhammer operators.

GROUP 3: Multi-section pipe layer, non-metallic clay and concrete pipe layer (including caulker, collarman, jointer, rigger and jacker, thermal welder and corrugated metal culvert pipe layer.

GROUP 4: Asphalt block pneumatic cutter, asphalt roller, walker, chainsaw operator with attachment, concrete saw (walking), high scalers, jackhammer operator (using over 6 feet of steel), vibrator operator (4 feet and over), well point installer, air trac operator.

GROUP 5: Asphalt screeder, big drills, cut of the hole drills (1 1/2 " piston or larger), down the hole drills (3 1/2" piston or larger) gunnite or sandblaster nozzleman, asphalt raker, asphalt tamper, form setter, demolition torch operator, shotcrete nozzlelemen and potman.

GROUP 6: Powderman, master form setters.

GROUP 7: Brick paver (asphalt block paver, asphalt block sawman, asphalt block grinder, hastings block or similar type)

GROUP 8: Licensed powdermen.

LABO0657-004 06/01/2006

	Rates	Fringes
Laborers: (HAZARDOUS WASTE REMOVAL, EXCEPT ON MECHANICAL SYSTEMS: Preparation for, removing and encapsulation of hazardous materials from non-mechanical systems)		
Skilled Asbestos Abatement Laborers.....	\$ 15.99	3.84
Skilled Toxic and Hazardous Waste Removal Laborers.....	\$ 18.61	3.84

LABO0657-005 06/01/2006

	Rates	Fringes
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Laborers: (TUNNEL, RAISE &
 SHAFT (FREE AIR)
 FOR HEAVY AND SEWER & WATER
 LINES CONSTRUCTION)

GROUP 1.....	\$ 19.82	3.84
GROUP 2.....	\$ 20.39	3.84
GROUP 3.....	\$ 21.85	3.84
GROUP 4.....	\$ 22.47	3.84

LABORERS CLASSIFICATIONS:

GROUP 1: Brakeman, Bull Gang, Dumper, Trackmen, Concrete Man.

GROUP 2: Chuck Tender, Powdermen in Prime House, Form Setters
 and Movers, Nippers, Cableman, Houseman, Groutman, Bell or
 Signalman, Top or Bottom Vibrator Operator.

GROUP 3: Miners, Re-Bar Underground, Concrete or Gunnite
 Nozzlemen, Powdermen, Timbermen and Re-Timbermen, Wood Steel
 Including Liner plate or Other Support, Material Motorman,
 Caulkers, Diamond Drill Operators, Riggers, Cement Finishers-
 Underground, Welders and Burners, Shield Driver, Air Trac
 Operator, Shotcrete Nozzlemen and Potman.

GROUP 4: Mucking Machine Operator (Air).

 LABO0657-006 06/01/2006

	Rates	Fringes
Laborers: (TUNNEL, RAISE AND SHAFT (COMPRESSED AIR) FOR HEAVY CONSTRUCTION ONLY		
Gauge Pressure Work Period		
(Pounds)	(Hours)	
1-14	7.....	\$ 24.16 3.84
14-18	6.....	\$ 28.43 3.84

FOOTNOTE: On any requirement for air pressure in excess of 18
 PSI, work periods and rates should be negotiated at a
 pre-bid conference.

 LABO0657-007 06/01/2006

	Rates	Fringes
Laborers: (PAVING AND INCIDENTAL GRADING)		
Asphalt Raker & Concrete		
Saw Operator.....	\$ 16.76	4.10
Asphalt Shoveler.....	\$ 16.23	4.10
Asphalt Tammer & Concrete		
Shoveler.....	\$ 16.47	4.10
Jack Hammer.....	\$ 16.66	4.10
Laborer.....	\$ 16.12	4.10
Sand Setter & Form Setter...	\$ 17.37	4.10

MARB0002-003 05/01/2006

	Rates	Fringes
Marble & Stone Mason Includes Pointing, Caulking and Cleaning of All Types of Masonry, Brick, Stone and Cement Structures.....	\$ 29.87	11.15

MARB0003-001 05/01/2006

	Rates	Fringes
Mosaic & Terrazzo Worker, Tile Layer Marble Mason and Tile Layer..	\$ 24.32	8.78
Terrazzo Worker.....	\$ 25.07	8.78

MARB0003-004 05/01/2006

	Rates	Fringes
Marble, Tile & Terrazzo Finisher.....	\$ 19.59	7.90

PAIN0051-001 06/01/2006

	Rates	Fringes
Painters: All Industrial Work.....	\$ 23.48	7.31
Bridges, Heavy Highway, Lead Abatement and Flame/Thermal Spray.....	\$ 26.37	7.31
Commercial and Mold Remediation, Painters, Wallcovers and Drywall Finishers.....	\$ 22.06	7.31
Metal Polishing and Refinishing.....	\$ 23.06	7.31

PLAS0891-001 05/01/2006

	Rates	Fringes
Cement Masons: HEAVY CONSTRUCTION ONLY.....	\$ 25.45	5.46

PLAS0891-002 06/01/2004

	Rates	Fringes
Cement Masons: (PAVING & INCIDENTAL GRADING)		

Cement Masons.....	\$ 16.25	4.10
Concrete Saw Operators.....	\$ 16.25	4.10
Form Setters.....	\$ 16.25	4.10

 PLUM0005-001 08/01/2006

	Rates	Fringes
Plumber.....	\$ 31.52	12.59+a

a. PAID HOLIDAYS: Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving, Christmas Day, New Year's Day, Martin Luther King's Birthday, Memorial Day and the Fourth of July.

 PLUM0602-005 08/01/2006

	Rates	Fringes
Steamfitter, Refrigeration & Air Conditioning Mechanic.....	\$ 31.27	12.82+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

 SHEE0100-001 07/01/2006

	Rates	Fringes
Sheet Metal Worker.....	\$ 30.39	11.05

 TEAM0639-001 03/07/2004

	Rates	Fringes
Truck drivers: (HEAVY & HIGHWAY CONSTRUCTION) Tandem & Triaxle (3 or more axles, including steering axle).....	\$ 16.00	5.82+a
Tractor-trailer, Low Boy....	\$ 20.00	5.82+a

a. VACATION: Employees will receive one (1) week's paid vacation after one (1) year of service.

 TEAM0639-002 06/01/2005

	Rates	Fringes
Truck drivers: (HEAVY & HIGHWAY CONSTRUCTION) Concrete Mixer Drivers.....	\$ 17.40	5.82+a+b

a. PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day,

Christmas Day, or any day celebrated publicly in the District of Columbia as one of the above holidays.

b. PAID VACATIONS: Employees with one (1) year of service shall be entitled to a vacation of one (1) week; five (3) years of service are entitled to two (2) weeks; fifteen(10) years of service are entitled to three 3 weeks; twenty (20) years of service are entitled to four (4) weeks.

TEAM0639-005 09/01/2006

	Rates	Fringes
Truck drivers: (PAVING & INCIDENTAL GRADING)		
All paving projects where the grading is incidental to the paving.....	\$ 14.05	3.69

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION