

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>			1. Contract Number	Page of Pages 1   11
2. Amendment/Modification Number A02	3. Effective Date See box 16	4. Requisition/Purchase Request No.	5. Solicitation Caption DC PLUG-Feeder 308 Undergrounding	
6. Issued by: Government of the District of Columbia Office of Contracting and Procurement 55 M Street SE, Suite 700 Washington, DC 20003		Code	7. Administered by (If other than line 6) District Department of Transportation Infrastructure Project Management Administration 55 M Street, SE, 4 <sup>th</sup> Floor Washington, DC 20003	
8. Name and Address of Bidder (No. street, city, county, state and zip code)		X	9A. Amendment of Solicitation No. DCKA-2015-B-0042	
			9B. Dated (See Item 11) 9/4/2015	
			10A. Modification of Contractor/Order No.	
			10B. Dated (See Item 13)	
Code		Facility		
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<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>1</u> copy 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 ACKNOWLEDGMENT 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 may be made by letter or fax, provided each letter or fax 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):				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTORS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14</b>				
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 data etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.3.				
C. This supplemental agreement is entered into pursuant to authority of:				
D. Other (Specify type of modification and authority)				
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.				
14. Description of Amendment/Modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)				
1. Pages 3-10, Section B, Schedule of Items are amended to replace the schedule of items with the attached schedule of items (pages 3R-11R) which incorporates the following items:  <u><b>Line No.: 0010, Item Description: 000 511 – Partnering – Page 1R</b></u> <u><b>Line No.: 0440, Item Description: 620 058 – Penetrate Existing Pepco Manhole for Duct, Page 7R</b></u> <u><b>Line No.: 0450, Item Description: 620 059 – Rebuild Existing Manhole (4.5’x6’ to 6’x12’ All Depths, Page 7R</b></u> <u><b>Line No.: 0460, Item Description: 620 060 – Construct a Cast-In-Place Roadway Manhole Over, Page 7R</b></u> <u><b>Line No.: 0470, Item Description: 620 061 – Construct a Cast-In-Place Sidewalk UG Switch Manhole over Existing, Page 8R</b></u>				
Continued on Page 2				
15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer		
		Steven H. Wishod		
15B. Name of Bidder	15C. Date Signed	16B. District of Columbia	16C. Date Signed	
(Signature)		(Signature of Contracting Officer)		

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<p>2. Page 17, Section F.1, Term of Contract, is amended as follows:</p> <p>The term of the contract shall be for a period of <del>two hundred forty (240)</del> <b>three hundred forty (340)</b> calendar days from <u>the Notice to Proceed (NTP)</u> date <u>following the</u> of award <u>date</u> specified on the cover page of this contract.</p> <p>3. Page 46, Section I.21, Award of Contract is amended as follows:</p> <p>The Office of Contracting and Procurement, on behalf of the District Department of Transportation intends to award this contract <del>within 240 calendar days</del> <b>in Spring 2016</b>. However, if for administrative reasons, the District is unable to make an award within this time period, the Department will request the Contractor and his/her surety to extend the bid bond before the 90 calendar day expiration.</p> <p>4. Pages J.2-34 and J.2-35, Section C.5.37, Pepco Facility Construction, is amended as follows:</p> <p><b>C.5.37. PEPCO FACILITY CONSTRUCTION, Items <u>620 058, 620 059, 620 060, 620 061, 620 062, 620 063, 620 064, 620 066, 620 067, 620 068, 620 069, 620 070, 620 071, 620 072, 620 074, 620 075, 620 076, 620 077, 620 078, 620 081, 620 082, 620 084, 620 092 and 620 094</u></b></p> <p>This project specification includes the following pay items:</p> <ul style="list-style-type: none"> <li>• <u>Penetrate Existing PEPCO Manhole for Duct Entrance (4 Way To 8 Way) with Recess, Item 620 058</u></li> <li>• <u>Rebuild Existing Manhole (4.5' X 6' TO 6' X 12' All Depths), Item 620 059</u></li> <li>• <u>Construct a Cast-In-Place Roadway Manhole Over Existing Ductbank (6' X 12' All Depths), Item 620 060</u></li> <li>• <u>Construct a Cast-In-Place Sidewalk UG Switch Manhole Over Existing Ductbank (6' X 18' All Depths), Item 620 061</u></li> <li>• Install a Precast Sidewalk UG Switch Manhole (6' X 18' All Depths), Item 620 062</li> <li>• Install a Precast Roadway Manhole (6' X 12' All Depths), Item 620 063</li> <li>• Install a Precast Roadway Manhole (4.5' X 6' All Depths), Item 620 064</li> <li>• Construct a Cast-In-Place Sidewalk UG Switch Manhole (6' X 18' All Depths), Item 620 066</li> <li>• Construct a Cast-In-Place Roadway Manhole (6' X 12' All Depths), Item 620 067</li> <li>• Construct a Cast-In-Place Roadway Manhole (4.5' X 6' All Depths), Item 620 068</li> <li>• Install 2 Way Conduit – 4-Inch PVC (All Depths), Item 620 069</li> <li>• Install 4 Way Conduit – 4-Inch PVC (All Depths), Item 620 070</li> <li>• Install 6 Way Conduit – 4-Inch PVC (All Depths), Item 620 071</li> <li>• Install 8 Way Conduit – 4-Inch PVC (All Depths), Item 620 072</li> <li>• Install 2 Way Conduit – 5-Inch Fiberglass (All Depths), Item 620 074</li> <li>• Install 8 Way Conduit – 5-Inch Fiberglass (All Depths), Item 620 075</li> <li>• Install 4 Way Conduit – 5-Inch Fiberglass (All Depths), Item 620 076</li> <li>• Install 6 Way Conduit – 5-Inch Fiberglass (All Depths), Item 620 077</li> <li>• Install 2-Way Concrete Encased Fiberglass Ductbank W/Dual Pole Bends, Item 620 078</li> <li>• Install a Precast Taphole (3.5' L X 3.5' W X 4.0' H), Item 620 081</li> </ul>				

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<ul style="list-style-type: none"> <li>• Install a Precast Concrete Well Casing (3.5’ I.D. X 6.5’ H), Item 620 082</li> <li>• Install 2-Way Concrete Encased PVC Ductbank W/Dual Pole Bends, Item 620 084</li> </ul>					

**(A) DESCRIPTION**

Pepco Facility Construction shall consist of furnishing all labor, equipment, and incidentals to install Pepco supplied materials such as PVC and fiberglass conduits, precast manholes, precast manhole tops, precast tap holes, precast transformer wells, manhole frames and covers, and other items as shown in the Contract Documents and as specified herein. Where cast-in-place manholes are required, the Contractor shall furnish and install all concrete and reinforcing steel required for that particular item. This work shall include the installation of Pepco furnished material items as well as the furnishing and placement of concrete to encase the electrical conduits.

Pepco Facility Construction pay items shall be inspected and approved by a Pepco inspector before the facility is covered with backfill. The Contractor shall obtain the Pepco inspectors approval before backfilling. No payments will be made for Pepco Facility Construction pay items unless they are inspected and approved by Pepco inspectors.

5. Pages J.2-39 and J.2-40, Section C.5.37 (D) 1, Description, is amended as follows:

- DESCRIPTION** – The work shall consist of installing Pepco furnished precast concrete manholes, precast tops, hardware, ductbank entrances and/or recesses, and other related items as shown on the Contract Drawings. The Contractor shall furnish all labor, tools, incidental materials, and equipment necessary for the installation of Pepco furnished precast manhole complete with associated parts and components.

Pepco furnished materials to be installed by the Contractor shall include pre-cast manhole bases, risers and top slabs (roof), manhole frames and covers, copper wire, ground rods, ground rod clamps, split bolt service connections, bar back chairs, sump pits and covers, common nails, washed building sand and other incidental items.

The Contractor shall be responsible for picking-up, loading, and transporting Pepco furnished precast manholes and other required items from the Benning Stores facility to the project site.

The Contractor shall construct conduit or duct recess entrances for ductbank entrances greater than or equal to a four (4) way as shown on Pepco Drawing No. 2-2-0733. Where ducts enter a manhole at an angle, a recess shall be installed.

The Contractor shall verify the exact location of the manholes in the field prior to starting any demolition or excavation work. The manhole shall be set to the required grade. Existing pavement and sidewalk areas to be removed shall be saw cut to create a clean, neat edge.

Before installing the manhole, a 6-inch layer of crushed stone or washed gravel shall be placed, leveled, compacted and then covered with tar paper. After installation, the tar paper shall be removed from the sump or drain hole as directed by Pepco and DDOT.

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<p>The Contractor shall install a ground rod (5/8” diameter, 8’ long, copper weld) at the corner of the sump pit in each manhole. This ground rod is to be connected to the manhole steel rebars in accordance with Pepco standards.</p> <p>6. Page J.2-41 thru J.2-44, Section C.5.37 (E) 1, Description, is amended as follows:</p> <p><b>1. DESCRIPTION</b> – The work shall consist of constructing Pepco cast-in-place concrete manholes complete with a reinforced concrete manhole floor and walls, piers, joints, armored seats for top slabs, sumps, steps, water stops, anchor bolts, stack risers, lifting inserts, and manhole frames and covers, precast tops, hardware, and other related items all as shown on the Contract Drawings. The Contractor shall furnish all labor, tools and equipment necessary for the furnishing and placement of concrete, 4,500 psi, Class B, and the furnishing and placement of reinforcing steel (reinforcement steel shop drawings shall be submitted by the Contractor) and form work for the construction of a Pepco cast-in-place manhole complete with all associated parts and components installed and all incidentals necessary to complete the Work specified herein.</p> <p>Pepco furnished materials to be installed by the Contractor shall include pre-cast manhole slabs (roof), manhole frames and covers, copper wire, ground rods, ground rod clamps, split bolt service connections, bar back chairs, sump pits and covers, common nails, washed building sand and other incidental items.</p> <p>Contractor furnished wet mix concrete (PCC) for cast-in-place manhole construction shall meet the requirements of Section 817.03 for Class B, 4,500 PSI Concrete.</p> <p>Contractor furnished reinforcing steel for cast-in-place manhole construction shall meet the requirements of 812.02 for reinforcing steel, Grade 60.</p> <p>The Contractor shall be responsible for picking-up, loading, and transporting Pepco furnished precast manhole tops and other required items from the Benning Stores facility to the project site.</p> <p>The dimensions of the cast-in-place manhole shall be adjusted as directed by the Engineer to avoid or mitigate impacts to other existing utilities and/or obstructions.</p> <p>Cast-in-place manholes may be used where adjacent utility or other constraints preclude the use of a precast unit or where Pepco requires the manhole to be constructed around and over an existing energized ductbank.</p> <p><u>When enlarging existing manholes and/or building over existing duct lines, the work will include the false roof, demolition, and reconstruction of the new manhole and/or reconstruction of duct entrances. Before starting any work in manholes, Pepco will inspect the manholes for any underground line equipment which may be in the way of conduit work. Any transformers, switches, fuse boxes; potheads or other equipment in the manhole which would interfere with work or would endanger the lives of the men working in the manholes, shall not be moved by the contractor’s employees. No work is to be done in the obstructed manhole.</u></p>					

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The contractor shall call Pepco inspector to send a Pepco cable splicer to move or supervise the moving of obstructing equipment. Work around energized cables must be done by a Pepco approved contractor under the supervision of Pepco.

The Contractor shall verify the exact location of the manholes in the field prior to starting any demolition or excavation work. The manhole shall be constructed to the required grade. Existing pavement and sidewalk areas to be removed shall be saw cut to create a clean, neat edge.

If unforeseen obstructions interfere with the designated location, the Engineer, DDOT, and Pepco shall be notified. Whenever possible, the conduit line should be laid before the manhole walls are constructed. If this is not possible and it is known at what level the conduit lines will enter the manhole, the duct entrance should be provided for in the pouring operations by placing a box slightly larger than the ducts against the form. If the duct levels are not known, the walls may be made solid and later cut to provide the duct entrance. In this latter case, the entrance should be cut as soon as possible after removing the forms. The cut should be made with a cold chisel, or a pneumatic air gun, before the concrete has reached its ultimate strength.

Conduit or duct recess entrances will be used ~~where specified on the Contract Drawings~~ for ductbank entrances greater than or equal to a four (4) way ductbank and will be constructed substantially as shown on Pepco Drawing No. 2-2-0733. Where ducts enter a line manhole at an angle, a recess should be installed.

Reinforcing schedules shown on manhole and precast roof drawings show the size of the rod in accordance with the numerical bar designation standard from the concrete reinforcing steel schedule institute. The bar numbers are based on the on the number of 1/8 inches included in the nominal diameters.

All reinforcing shall be of the size and length called for on Pepco's standard manhole drawings. Reinforcing shall be clean and free of grease, scale, dirt and loose rust. All floor reinforcing and wall reinforcing must be placed before the floor is poured. Reinforcing steel is to be placed as shown on the manhole specification drawing and is to be wired and held firmly in position by standard chairs and ties while concrete is being placed. The standard manhole drawings indicate the amount, size and spacing of reinforcement and the thickness for floors, walls and roof if not precast. No variations may be made without approval by engineering.

Splices shall be tied, rather than welded. Grade 60 reinforcing steel (ASTM 615) shall not be welded under any circumstances. Where necessary to lap and tie reinforcing steel, the bars shall be lapped in accordance with Pepco Table 2, Specification Section 06.10.4.

The Contractor shall install a ground rod (5/8" diameter, 8' long, copper weld) at the corner of the sump pit in each manhole. This ground rod is to be connected to the manhole steel rebars in accordance with Pepco standards.

Manhole floors shall be of 4,500 psi, Class B air entrained concrete with minimum thickness as specified on the standard Pepco drawings. In rock excavation, the floor should be made thick enough to fill all depressions. In all cases the floor concrete shall be poured against the inside of the sheeting as shown on

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Pepco Drawing No. 2-2-0461. All manhole floors should be practically level. Pepco Drawing Nos. 2-2-1060 and 2-2-1096 in Section 6 of the Pepco Standard Specifications describes the sump pump pit.

All forms shall be thoroughly oiled before using. Use standard steel forms whenever they can be used and are available. Pepco Drawing No. 2-2-0499, in Section 7, “schedule of steel manhole forms” shows the required number of sections of steel forms and accessories required for standard manholes. Be sure that the forms are center so that all walls will be of uniform thickness. As successive tiers of forms are placed, be sure that they are plumb and level.

In pouring manhole walls it is desirable that the concrete be of such consistency that it will flow readily down the chute and settle closely around the reinforcing steel, but in no case shall the slump exceed 5-1/2 inches nor the water/cement ratio exceed 7 gallons per 94 pound sack of cement (0.62 Lbs. Water per Lbs. Cement). When pouring concrete in manhole forms, whether for a manhole with a precast roof or for a manhole with roof to be formed and poured in place, walls and roof slabs shall not be poured as a continuous operation. The walls shall be poured in one or two or more operations, if required, to the underside of the roof slab or to a point not more than (6) six inches below the roof frame. The concrete for the manhole walls shall be 4,500 psi, Class B with air entrainment. The concrete shall be vibrated thoroughly with vibrators to remove air pockets and to work the larger aggregate away from the form for a smooth compact wall.

All Pepco equipment manholes shall have removable roofs to facilitate equipment installation and replacement. All mainline Pepco manholes in roadway and sidewalk areas shall utilize precast roofs to help minimize obstruction to traffic during construction.

Forms should not be removed from the manhole until the concrete has taken a firm set. In dry warm weather forms may be removed sooner than in cold weather. Increase the time forms are kept in place with the decrease in temperature. Under the best conditions, traffic should not be permitted to pass over a manhole for a period of at least 72 hours (3 days) when 4,500 psi, Class B concrete is used. Do not remove forms until the concrete has attained approximately 80 percent of its design strength. Refer to ACI- 318-77 code section 6.2. Table 3 shall be used only as a guide for the time of removal for forms.

Manhole roofs shall be precast slabs provided by Pepco. Use the frames and covers, slabs and gratings called for in the Contract Drawings for the particular manhole under construction.

7. Page J.2-44, Section C.5.37 (E) 4, Measurement and Payment, is amended as follows:

#### 4. MEASUREMENT AND PAYMENT

REBUILD EXISTING MANHOLE (4.5' X 6' TO 6' X 12' All Depths), Item 620 059 – The unit of measure for the construction of a Pepco Cast-in-Place Roadway Manhole (6' x 12') rebuilt from an existing Pepco Manhole (4.5' x 6') with energized cables and installation of false roof and installation of associated covers/tops, ground rod and clamp parts, and other items will be per each (EA). Payment will

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be made at the contract unit price to install a Pepco Cast-in-Place Sidewalk Manhole (6' x 12'). Payment will include all labor, tools, Contractor furnished concrete and reinforcing steel, materials, equipment, manhole complete with all supplied parts and components installed and all incidentals necessary to complete the Work.

**CONSTRUCT A CAST-IN-PLACE ROADWAY MANHOLE OVER EXISTING DUCTBANK (6' X 12' All Depths), Item 620 060** – The unit of measure for the construction of a Pepco Cast-in-Place Roadway Manhole (6' x 12') over of existing Pepco ductbank with energized cables and installation of false roof and installation of associated covers/tops, ground rod and clamp parts, and other items will be per each (EA). Payment will be made at the contract unit price to install a Pepco Cast-in-Place Sidewalk Manhole (6' x 12') over existing Pepco ductbank. Payment will include all labor, tools, Contractor furnished concrete and reinforcing steel, materials, equipment, manhole complete with all supplied parts and components installed and all incidentals necessary to complete the Work.

**CONSTRUCT A CAST-IN-PLACE SIDEWALK UG SWITCH MANHOLE OVER EXISTING DUCTBANK (6' X 18' All Depths), Item 620 061** – The unit of measure for the construction of a Pepco Cast-in-Place Sidewalk UG Oil Switch Manhole (6' x 18') over of existing Pepco ductbank with energized cables and installation of false roof, associated covers/tops, ground rod and clamp parts, and other items will be per each (EA) over existing Pepco ductbank. Payment will be made at the contract unit price to install a Pepco Cast-in-Place Sidewalk UG Oil Switch Manhole (6' x 18'). Payment will include all labor, tools, Contractor furnished concrete and reinforcing steel, materials, manhole complete with all supplied parts and components installed and all incidentals necessary to complete the Work.

**CONSTRUCT A CAST-IN-PLACE SIDEWALK UG SWITCH MANHOLE (6' X 18' All Depths), Item 620 066** – The unit of measure for the construction of a Pepco Cast-in-Place Sidewalk UG Oil Switch Manhole (6' x 18') and installation of associated covers/tops, ground rod and clamp parts, and other items will be per each (EA). Payment will be made at the contract unit price to install a Pepco Cast-in-Place Sidewalk UG Oil Switch Manhole (6' x 18'). Payment will include all labor, tools, Contractor furnished concrete and reinforcing steel, materials, manhole complete with all supplied parts and components installed and all incidentals necessary to complete the Work.

**CONSTRUCT A CAST-IN-PLACE ROADWAY MANHOLE (6' X 12' All Depths), Item 620 067** – The unit of measure for the construction of a Pepco Cast-in-Place Roadway Manhole (6' x 12') and installation of associated covers/tops, ground rod and clamp parts, and other items will be per each (EA). Payment will be made at the contract unit price to install a Pepco Cast-in-Place Sidewalk Manhole (6' x 12'). Payment will include all labor, tools, Contractor furnished concrete and reinforcing steel, materials, equipment, manhole complete with all supplied parts and components installed and all incidentals necessary to complete the Work.

**CONSTRUCT A CAST-IN-PLACE ROADWAY MANHOLE (4.5' X 6' All Depths), Item 620 068** – The unit of measure for the construction of a Pepco Cast-in-Place Roadway Manhole (4.5' x 6') and installation of associated covers/tops, ground rod and clamp parts, and other items will be per each (EA). Payment will be made at the contract unit price to install a Pepco Cast-in-Place

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<p>Sidewalk Manhole (4.5' x 6'). Payment will include all labor, tools, Contractor furnished concrete and reinforcing steel, materials, equipment, manhole complete with all supplied parts installed and all incidentals necessary to complete the Work.</p> <p>8. Add a new section in Section C.5.37, (M) Ductbank Penetration of Existing PEPCO Manhole, as follows:</p> <p><b><u>(M) DUCTBANK PENETRATION OF EXISTING PEPCO MANHOLE</u></b></p> <p><b>1. <u>DESCRIPTION</u></b> – <u>The work shall consist of cutting an existing Pepco Manhole wall to form and construct manhole duct entrance and/or entrance recess with Pepco furnished PVC or Fiberglass end bells as shown on the Contract Drawings. The Contractor shall furnish all labor, tools and equipment necessary for the furnishing and placement of concrete, 4,500 psi, Class B, and the furnishing and placement of reinforcing steel (reinforcement steel shop drawings shall be submitted by the Contractor) and form work for the construction of the duct entrance and/or recess.</u></p> <p><u>Contractor furnished wet mix concrete (PCC) for cast-in-place manhole construction shall meet the requirements of Section 817.03 for Class B, 4,500 PSI Concrete.</u></p> <p><u>Before starting any work in manholes, Pepco will inspect the manholes for any underground line equipment which may be in the way of conduit work. Any transformers, switches, fuse boxes; potheads or other equipment in the manhole which would interfere with work or would endanger the lives of the men working in the manholes will not be moved by the contractor's employees. No work is to be done in the obstructed manhole. The contractor shall call a Pepco inspector to send a Pepco cable splicer to move or supervise the moving of obstructing equipment. Work around energized cables must be done by a Pepco approved contractor under the supervision of Pepco.</u></p> <p><u>Locate duct entrances as specified on detail or job drawings. If unforeseen obstructions interfere with the designated location, contact the Pepco Engineer. The cut on the existing manhole wall should be made with a cold chisel, or a pneumatic air gun.</u></p> <p><u>As much as possible, all holes that are cut through manhole walls must be cut from the inside of the manhole. If it is impossible for the hole to be cut from inside, extreme care must be used when cutting from the outside, and the necessary protection must be erected to protect any cable or equipment. An employee must remain in the manhole during the cutting of the opening.</u></p> <p><u>Conduit or duct recess entrances will be used for ductbank entrances greater than or equal to a four (4) way ductbanks and will be constructed substantially as shown on Pepco Drawing No. 2-2-0733. Where ducts enter a manhole at an angle, a recess should be installed.</u></p> <p><u>Pepco furnished conduit end bells are to be installed when building a recessed duct entrance in manholes.</u></p>					

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<p><b>2. <u>SUBMITTALS</u></b> – Shop drawings shall be submitted per Section 105.02 for reinforcing steel layout, cast iron frames and covers, vault steps and anchor bolts for Pepco Cast-in-Place manholes.</p> <p><b>3. <u>MATERIALS</u></b></p> <p><u>812.02: Reinforcing Steel, Grade 60</u></p> <p><u>817: Cast-in-Place Wet Mix Concrete (PCC), Class B</u></p> <p><b>4. <u>MEASUREMENT AND PAYMENT</u></b></p> <p><b><u>PENETRATE EXISTING PEPCO MANHOLE FOR DUCT ENTRANCE (4 WAY TO 8 WAY) WITH RECESS, Item 620 058</u></b> – The unit of measure for the penetration of existing Pepco Manhole for ductbank entrance (4 way to 8 way) with recess and installation of associated end bells and other items will be per each (EA). Payment will be made at the contract unit price to install penetration of existing Pepco Manhole for ductbank entrance (4 way to 8 way) with recess. Payment will include all labor, tools, Contractor furnished concrete, end bells, and components installed and all incidentals necessary to complete the Work.</p> <p>9. Add a new section, Section C.5.38, Partnering, as follows:</p> <p><b><u>C.5.38 PARTNERING, Item 000 511</u></b></p> <p><u>The DC Department of Transportation (DDOT) invites the Contractor, subcontractors and suppliers to actively participate in a formal project partnering with the District and other parties involved (Note: This activity will not constitute a legal “partnership”). This partnership draws on the strengths of each organization to identify and achieve reciprocal goals. Partnering strives to resolve problems in a timely, professional and non-adversarial manner. If problems result in disputes, partnering encourages, but does not require, alternative dispute resolution instead of the formal claim process. The objectives are effective and efficient Contract performance, completion within the Contract bid price, on schedule, and in conformance with the Contract Documents. This partnership will not change the legal relationship of the parties to the Contract nor relieve any party from any of the terms of the Contract.</u></p> <p><u>The DDOT’s representatives and the Contractor’s management representatives will meet, plan and organize a partnering development team. Pepco and key local government personnel will also be invited to attend as necessary. The initial workshop team meeting will be held between the time of award and the notice to proceed. Follow-up workshops may be held regularly as agreed by the Contractor and DDOT:</u></p> <ul style="list-style-type: none"> <li><u>Two off-site partnering workshops, one for 8 hours and second for 4 hours including breakfast and lunch.</u></li> <li><u>Qualified partnering facilitator.</u></li> </ul>					

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>			1. Contract Number	Page of Pages	
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All partnering costs will be shared equally (50/50) by the Contractor and the DDOT. The unit price shown on the Schedule of Items is DDOT's share of the partnering costs. It is expected that the Contractor will match DDOT's expense for Partnering.

10. Answers to Contractors' questions as follows:

**Question 1:** "Do you have to be a Pepco Contractor to bid on the project?"

**Response to Question 1:** See answer to Question 2, below.

**Question 2:** "Please clarify as to whether or not both the prime contractor and subcontractors performing ductbank and manhole installation or electrical work (cable) must be approved Pepco Contractors?"

**Response to Question 2:** The prime contractor or subcontractor for the Civil Construction work, ductbank and manholes, can be a non-Pepco approved Contractor. However, the work around energized cables shall be done by a Pepco approved contractor under the supervision of Pepco.

**Question 3:** "Are both the award of contract and project duration the same?"

- 240 Day to award after submission of bid.
- 240 Days to complete the project (Construction)

I.21 AWARD OF CONTRACT, page:

The Office of Contracting and Procurement, on behalf of the District Department of Transportation intends to award this contract within 240\_ calendar days.

F.1 TERM OF CONTRACT

The term of the contract shall be for a period of two hundred forty (240) calendar days from date of award specified on the cover page of this contract."

**Response to Question 3:** The durations of 240 days for sections I.21 and F.1 were same by a coincidence. Please see the amendment to Section F.1 and Section I.21 listed at the beginning of this amendment.

**Question 4:** "There are some locations on the Project, where temporary Pole bracing might be required, due to the close proximity of the new structure and its installation. Who will be responsible for temporary bracing of the pole?"

**Response to Question 4:** Pepco's Overhead (OH) Department would provide assistance in bracing the OH pole during our excavation operations. The OH pole will be braced using an A Frame configuration, and the bracing lumber will be supplied by the contractor doing the excavation.

There are many variables involved in the decision to excavate that close to an OH pole. Standard practice is to take into consideration the soil conditions in which the OH pole is installed. Also, the size of the excavation required and whether there is existing bracing and equipment on the pole.

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>			1. Contract Number	Page of Pages	
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Typically we would like all excavation to be 3-5 feet away from our OH pole regardless of the equipment that might be installed on the pole.

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**Question 5:** “When does DDOT anticipate to award this Project?”

**Response to Question 5:** DDOT anticipates award in Spring 2016.

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**Question 6:** “Are road closures allowed? In some locations, Road closures will be required to set up the crane to set structures in place.”

**Response to Question 6:** Temporary road closures will be allowed with approved MOT plans and flaggers when they are necessary and the temporary road closures will be inspected by DDOT representatives on the site.

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SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: KA2015B0042

PROJECT(S): N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0001 100% DC PLUG						
0010	000511 Unassigned Special Item -LS - PARTNERING	LUMP	LUMP		15000.00	
0020	108002 Mobilization	LUMP	LUMP		.	
0030	108004 Progress Photographs	LUMP	LUMP		.	
0040	108012 Engineer's Field Facilities	LUMP	LUMP		.	
0050	108016 Field Layout	LUMP	LUMP		.	
0060	200005 Earthwork and Excavation Special Item - CY - SPECIAL ITEM 620 085 UNDERCUT EXCAVATION AND BACKFILL	CY	3260.000		.	.
0070	200005 Earthwork and Excavation Special Item - CY - SPECIAL ITEM 620 086 BORROW EXCAVATION BACKFILL	CY	1553.000		.	.
0080	200005 Earthwork and Excavation Special Item - CY - SPECIAL ITEM 620 090 EXCAVATION AND BACK FILL FOR PEPCO FACILITY CONSTRUCTION	CY	17967.000		.	.

SCHEDULE OF ITEMS

DATE:

REVISED:

CONTRACT ID: KA2015B0042

PROJECT(S): N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0090	200005 Earthwork and Excavation Special Item - CY - SPECIAL ITEM 620 091 THERMAL BACKFILL	33.000 CY	.	.	.	.
0100	200009 Earthwork and Excavation Special Item - EACH - SPECIAL ITEM 212 003 TEST PITS	120.000 EACH	.	.	.	.
0110	209002 Aggregate Base Course AGGREGATE BASE COURSE	6613.000 CY	.	.	.	.
0120	402010 HMA Surface Course, 12.5 mm	2934.000 TON	.	.	.	.
0130	403002 Tack Coat	26974.000 SY	.	.	.	.
0140	405016 Temporary AC, HMA Surface Course, 12.5 mm	1552.000 TON	.	.	.	.
0150	410002 Pavement Profiling (Milling)	26974.000 SY	.	.	.	.
0160	501022 Portland Cement Concrete	1769.000 CY	.	.	.	.
0170	502004 PCC Base for Utility Cuts	2321.000 CY	.	.	.	.
0180	502006 PCC Base, 8 Inch PCC BASE 8 INCH	384.000 CY	.	.	.	.

SCHEDULE OF ITEMS

DATE:

REVISED:

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PROJECT(S): N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0190	605018 Repair-Replace PCC Sidewalk, 4 Inch	226.000 SY	.	.	.	.
0200	605026 Brick Sidewalk on PCC Base	11.000 SY	.	.	.	.
0210	605038 Block Sidewalk Repair on PCC Base	2.000 SY	.	.	.	.
0220	606002 PCC Curb	303.000 LF	.	.	.	.
0230	606004 PCC Curb and/or Gutter	1056.000 LF	.	.	.	.
0240	606064 Furnish and Set 8"x12" Granite Straight Curb	165.000 LF	.	.	.	.
0250	606066 Furnish&Set 8"x12" Granite Circular Curb Radius Under 10Ft	22.000 LF	.	.	.	.
0260	606082 Reset Stone Curb	53.000 LF	.	.	.	.
0270	606098 PCC Wheelchair/Bicycle Ramp - New Construction	12.000 EACH	.	.	.	.
0280	607020 Sod with 4 Inch Topsoil	402.000 SY	.	.	.	.
0290	608002 Remove Tree and Stump up to 6 Inch Dia.	4.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

DATE:  
REVISED:

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PROJECT(S): N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0300	608006 Remove Tree and Stump 12 to 18 Inch Dia.	2.000 EACH	.		.	
0310	608008 Remove Tree and Stump 18 to 24 Inch Dia.	1.000 EACH	.		.	
0320	608072 Tree Protection and Replacement	237.000 EACH	.		.	
0330	612002 Maintenance of Highway Traffic MAINTENANCE OF TRAFFIC - CONDUIT AND MANHOLE CONSTRUCTION	LUMP	LUMP		.	
0340	612054 Thermoplastic Pavement Marking, 4 Inch	1177.000 LF	.		.	
0350	612058 Thermoplastic Pavement Marking, 6 Inch	3669.000 LF	.		.	
0360	612064 Thermoplastic Pavement Marking, 12 Inch	1342.000 LF	.		.	
0370	612066 Thermoplastic Pavement Marking, 24 Inch	1334.000 LF	.		.	
0380	612068 Thermoplastic Pavement Letter	4.000 EACH	.		.	
0390	612070 Thermoplastic Pavement Arrow	1.000 EACH	.		.	

SCHEDULE OF ITEMS

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0400	612092 Truck Mounted Attenuator	6.000 EACH	.		.	
0410	612100 Portable Changeable Message Sign	4.000 EACH	.		.	
0420	612104 Steel Protection Plate	120.000 EACH	.		.	
0430	612991 Traffic Control Special Item - LS - SPECIAL ITEM 612 013 MAINTENANCE OF TRAFFIC FOR RIGHT OF WAY RESTORATION	LUMP	LUMP		.	
0440	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 058 PENETRATE EXISTING PEPCO MANHOLE FOR DUCT	8.000 EACH	.		.	
0450	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 059 REBUILD EXISTING MANHOLE (4.5'X6' TO 6'X12' ALL DEPTHS)	1.000 EACH	.		.	
0460	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 060 CONSTRUCT A CAST-IN-PLACE ROADWAY MANHOLE	1.000 EACH	.		.	

SCHEDULE OF ITEMS

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0470	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 061 CONSTRUCT A CAST- IN-PLACE S/W UG SWITCH M/H OVER	1.000 EACH	.	.	.	.
0480	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 062 INSTALL PRECAST SDWLK UG SWITCH MH 6'X18' (ALL DEPTHS)	4.000 EACH	.	.	.	.
0490	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 063 INSTALL PRECAST ROADWAY MH 6'X12' (ALL DEPTHS)	16.000 EACH	.	.	.	.
0500	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 064 INSTALL PRECAST ROADWAY MH 4.5'X6' (ALL DEPTHS)	40.000 EACH	.	.	.	.
0510	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 066 CAST-IN-PLACE SDWLK UG SWITCH MH 6'X18' (ALL DEPTHS)	1.000 EACH	.	.	.	.
0520	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 067 CAST-IN-PLACE ROADWAY MH 6'X12 (ALL DEPTHS)	2.000 EACH	.	.	.	.

SCHEDULE OF ITEMS

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PROJECT(S): N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0530	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 068 CAST-IN-PLACE ROADWAY MH 4.5'X6' (ALL DEPTHS)	EACH 2.000	.	.	.	.
0540	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 081 INSTALL A PRECAST TAPHOLE 3.5'(L)X3. 5'(W)X4'(H)	EACH 6.000	.	.	.	.
0550	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 082 INSTALL A PRECAST CONCRETE WELL CASING 3. 5' I.D.X6.5' H	EACH 46.000	.	.	.	.
0560	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 092 INSTALL FG STREET LIGHT SPLICE BOX (13"W X 24" D X 24" H)	EACH 1.000	.	.	.	.
0570	614993 Electrical Work Special Item -EACH- SPECIAL ITEM 620 094 INSTALL FIBERGLASS PAD MOUNTED TRANSFO. BASE 4' - 3"X4' - 8	EACH 4.000	.	.	.	.
0580	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 069 INSTALL 2 WAY CONDUIT - 4" PVC (ALL DEPTHS)	LF 2296.000	.	.	.	.

SCHEDULE OF ITEMS

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0590	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 070 INSTALL 4 WAY CONDUIT - 4" PVC (ALL DEPTHS)	11213.000 LF	.	.	.	.
0600	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 071 INSTALL 6 WAY CONDUIT - 4" PVC (ALL DEPTHS)	11.000 LF	.	.	.	.
0610	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 072 INSTALL 8 WAY CONDUIT - 4" PVC (ALL DEPTHS)	536.000 LF	.	.	.	.
0620	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 074 INSTALL 2 WAY CONDUIT - 5" FIBERGLASS (ALL DEPTHS)	2646.000 LF	.	.	.	.
0630	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 075 INSTALL 8 WAY CONDUIT - 5" FIBERGLASS (ALL DEPTHS)	3053.000 LF	.	.	.	.
0640	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 076 INSTALL 4 WAY CONDUIT - 5" FIBERGLASS (ALL DEPTHS)	2318.000 LF	.	.	.	.

SCHEDULE OF ITEMS

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PROJECT(S): N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0650	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 077 INSTALL 6 WAY CONDUIT - 5" FIBERGLASS (ALL DEPTHS)	2921.000 LF	.	.	.	.
0660	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 078 INSTALL 2 WAY CONCR ETE ENC. FG DUCTBANK WITH DUAL POLE B	5.000 LF	.	.	.	.
0670	614995 Electrical Work Special Item -LF- SPECIAL ITEM 620 084 INSTALL 2 WAY CONCR ETE ENC. PVC DUCTBANK WITH DUAL POLE B	264.000 LF	.	.	.	.
0680	618991 Erosion and Sediment Control Special Item - LS -	LUMP	LUMP	.	.	.
	SECTION 0001 TOTAL				.	.
	TOTAL BID				.	.