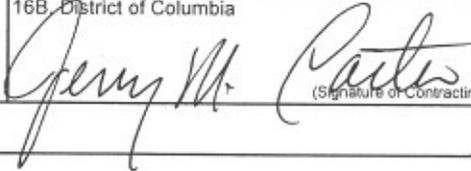


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 of 4	
2. Amendment/Modification Number No. 5		3. Effective Date See Block 16C		4. Requisition/Purchase Request No.	
6. Issued By: Department of Transportation Construction Contract Branch 2000 14th Street, N.W. 6th Floor Washington, D.C. 20009		Code		7. Administered By (If other than line 6) Procurement Support Branch 2000 14th Street, N.W. 3rd Floor Bid Room Washington, D.C. 20009	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)				(X) 9A. Amendment of Solicitation No. DCKA-2007-B-0164-ND	
				9B. Dated (See Item 11) 4/25/2008	
				10A. Modification of Contract/Order No.	
Code				Facility	
				10B. Dated (See Item 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
X 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> 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>1</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
TO ALL PROSPECTIVE BIDDERS: The subject IFB was issued on April 25, 2008, and opening on August 1, 2008, at 2:00 P.M., pursuant to Amendment No. 3, Item 3-1. Bidders are hereby informed that the subject IFB is modified, corrected and/or supplemented as indicated on Pages 2 through 4 of this Amendment, and Amendment No. 5 becomes part of the Contract Documents and consist of Items 5-1 through 5-8.					
Note: Q&A No. 3 is attached to this Amendment No. 5. Note: The bid opening date of August 1, 2008, shall remain in effect.					
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	
(Signature of person authorized to sign)				16C. Date Signed 7/24/2008	
				(Signature of Contracting Officer)	

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. 5
Issued July 24, 2008

Invitation No.: DCKA-2007-0164-B-ND

Title: Construction of Anacostia Initial Line Segment and the Operation and Maintenance Facility, and Reconstruction of Firth Sterling Avenue.

In accordance with Block 11 of Page 1 of this amendment, BIDDERS must acknowledge receipt of this Amendment No. 5. Failure to do so may result in rejection of your bid.

Item 5-1 SCHEDULE OF ITEMS

DELETE the Schedule of Items, consisting of twenty-six (26) pages, in its entirety, and **REPLACE** with the Schedule of Items, consisting of twenty-six (26) pages, which are labeled 8RRR through 33RRR, and attached hereto as Attachment 5-1.

BIDDERS must use this Schedule of Items (Bid Schedule) in submitting their bids.

Item 5-2 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.48.6 FABRICATION

DELETE Section C.48.6.d in its entirety.

Item 5-3 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.110.8 Interrogator Cabinets

DELETE all reference to “pole mounting” of cabinets. All cabinets must be mounted on a concrete base, as stipulated under Section C.110.8.e.

Item 5-4 ATTACHMENT J.4

Reference Attachment J.4 Wage Determination

DELETE Attachment J.4 in its entirety, and **REPLACE** with the Revised Attachment J.4, which is incorporated herein and attached hereto as Attachment 5-4, and includes the following General Decision Number:

“DC080001, Modification No. 7, dated 07/18/2008”

“DC080003, Modification No. 7, dated 07/18/2008”

Item 5-5: CONTRACT DRAWINGS

DELETE the current drawings and **ADD** the new drawings, as follows:

<u>Current Drawings</u>	<u>New Drawings</u>
MF-A201	MF-A201R
MF-S100	MF-S100R
MF-S402	MF-S402R

Item 5-6 DRAWINGS A7 AND A8

Reference Drawing A8 (Pylon Details)

SKA9 (Streetcar Platform Pylon – Additional Information) is incorporated herein and attached hereto as Attachment 5-6, and shall become a part of the Contract Documents.

Item 5-7 VOLUME 2 OF 2

Reference VOLUME 2 of 2 of the Specifications

DELETE VOLUME 2 of the Specifications for the Construction of Anacostia Initial Line Segment and the Operation and Maintenance Facility, and Reconstruction of Firth Sterling Avenue, in its entirety, and **REPLACE** with the revised VOLUME 2, which is incorporated herein by reference.

The revised VOLUME 2 will be mailed to plan holders and/or can be picked-up at the address below:

Office of Contracting and Procurement (Bid Room)
2000 14th Street, N.W., 3rd Floor
Washington, D.C. 20009
Telephone # (202) 671-1564

Item 5-8: AMENDMENT NO. 2

Reference Amendment No. 2, Item 2-31
Cross-reference Section L.5 - Preparation and Submission of Bids

DELETE Amendment No. 2, Item 2-31, in its entirety, and **REPLACE** with the following:

“Each bidder shall return one (1) signed original, plus two (2) copies of the following documents as its Bid Package:

- (1) A cover letter acknowledging receipt of Amendments 1 through 5, or completing Items 8, 15a, 15b and 15c of Page No. 1 of Amendments 1 through 5;
- (2) Schedule of Items (Bid Schedule). Bidders must use the Schedule of Items referenced in Amendment No. 5, Item 5-1, which is labeled 8RRR through 33RRR, dated 7/23/08;
- (3) K-6 Bid Bond;
- (4) K-1 Certificate of Eligibility;
- (5) K-2 Certificate Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion;
- (6) K-5 Tax Certification Affidavit;
- (7) K-7 Certification as to Corporation;
- (8) K-8 Certification of Independent Price Determination;
- (9) K-9 Employment Agreement; and
- (10) K-10 Certification Under Buy American Act.”

Note: K-1, K-2, K-5, K-6, K-7, K-8, K-9, and K-10 are attached hereto as Attachment 5-8.

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

Questions and Answers No.3

Issued July 24, 2008

- Q.1 Are the tube steel girts and framed openings shown on the structural elevations in addition to the girts and channels provided by the pre engineered metal building manufacturer or are they to take the place of those normally provided by the PEMB manufacturer?
- A.1 See revisions to Section 13125.2 (Building Design).
- Q.2 What is thickness of roof and wall insulation?
- A.2 See revisions to Section 07211.2.02 (Materials).
- Q.3 The 85 m.p.h. wind load noted is in conflict with the IBC 2003 requirements for this area of 90 m.p.h. Which wind load should be used?
- A.3 See revisions to Section 13125.2.2 (Minimum Design Loads).
- Q.4 What are the collateral load requirements for sprinkler, lights, ductwork and other items suspended from the ceiling?
- A.4 See revisions to Section 13125.2.3 (Additional Loads).
- Q.5 If the metal building manufacturer is to price the building in accordance with their normal details, as noted in specification section 13125 1.1 and to use “C” shaped members for door jambs and headers per 13125 3.3.7 and 3.3.8 this is in conflict with the drawings which indicate structural tube shapes for door jambs and headers as well as horizontal structural tube members that would appear to serve as wind beams. Or are these members to serve as wall girts? It will be more efficient, economical and practical for the metal building manufacturer to incorporate their own design for all of these items- framed openings for personnel

doors, windows, curtain walls, overhead doors, wall girts, framing for the roof skylight and wind beams. Please advise

- A.5 See revisions to Section 13125.2 (Building Design).
- Q.6 Detail 4 on drawing MF-A504 indicates metal roof panels over building paper. This is not a recommended practice within the industry. The panels should rest either directly on the steel framing or use thermal blocks under the standing seam clips. Please clarify. Other details note that the exterior wall panels provided by the metal building manufacturer are to be installed over building paper. This is also not a recommended industry practice. Please advise.
- A.6 See revisions to Section 13125.2 (Building Design).
- Q.7 Detail 9 on drawing MF-A502 refers to a composite panel between the top of the overhead doors and the bottom sill of the aluminum windows. Please provide a specification for these panels. The metal building manufacturer can provide flush faced, 16” wide concealed fastener panels in desired. Please advise.
- A.7 See revisions to Section 13125.2 (Building Design).
- Q.8 Inasmuch as the mechanical equipment mezzanine is attached to the metal building column frames, it would be more practical, economical and efficient to allow the metal building manufacturer to design the framing in accordance with the design requirements noted. Please advise.
- A.8 See revisions to Section 13125.2 (Building Design).
- Q.9 At detail 2/MF S302 can the metal building manufacturer’s typical masonry wall bracing/support detail be used in lieu of the 5/8” diameter shear stud?
- A.9 See revisions to Section 13125.2 (Building Design).
- Q.10 Specification section 13125 5.0 Painting. The standard primer used by metal building manufacturers is a one coat system of red or grey oxide. The specifications are calling for a two coat primer system and a third coat of “Forest Green” as a finish coat. This requirement, if it can be met, is both extremely expensive and impractical. Would a field applied finish coat be considered as an alternate?
- A.10 See revisions to Section 13125.5.1 (All Primary and Secondary Steel).

- Q.11 Is there any requirement for the manufacturer's weather-tight warranty? If so, please provide duration of warranty- 5, 10 or 20 year.
- A.11 See revisions to Section 13125.2 (Building Design).
- Q.12 At the roof extensions is soffit material required and if so what type, color and gauge?
- A.12 See revisions to Section 13125.3.8 (Roof Systems).
- Q.13 There is no window schedule. Without that information we cannot determine rough opening sizes. Please provide.
- A.13 See new Section 08529.3.06 (Window Schedule)
- Q.14 Reference Specification Section 08001 – Door and Frame Schedule and Architectural Drawings for the Anacostia Streetcar Maintenance Facility:
- a. General Note 1 on 08001 refers us to “Door Types Drawing”. Please provide.
- A.14.a See new Section 08112.3.04 (Door and Frame Schedule).
- b. Please provide definition of FG and FNV as listed under TYPE on 08001.
- A.14.b See new Section 08112.3.04 (Door and Frame Schedule).
- c. Door Schedule shows Door No.'s but the Architectural plan views do not show Room Numbers, just names. Please provide/clarify.
- A.14.c See new Section 08112.3.05 (Standard Nomenclature of the Steel Door Institute).
- Q.15 Reference Specification Sections 09001 – Room Finish Schedule and 09680 – Carpeting: On 09001 Room Finish Schedule the Floor Finish for Room 100 – Entry is listed as “CPT2”. Section 09680 only lists one type of carpet. Drawing MF-A506 shows “MAT” in the Entry area at the door openings. Please clarify.
- A.15 See revisions to Section 09680.2.01 (Carpet).

- Q.16 Reference Specification Section 12481 – Entry Mats: We are unable to find the “Metropolitan “Endurance”” mat specified. If we are to furnish this product (per our #4 above) please provide the basis of design Manufacturer and contact information.
- A.16 See revisions to Section 12481.2.01 (Products).
- Q.17 Reference Drawing MF-C301, MF-A301 and Specification Section 02830 – Ornamental Metal Fencing and Gate System: MF-C301 Site Plan shows “Proposed Decorative Fence” and “Proposed Gate” along the West side of the site. Drawing MF-A301 West Elevation 3 indicates a short portion of picket fence extending from the South side. We find no installation details for this fencing and the size of the MF-C301 drawing makes it difficult to determine where it begins and ends. Please clarify.
- A.17 See revisions to Section 02830.3.01 (Preparation).
- Q.18 Drawings MF-A301, A302 and MF-A401 show both a *CMU* wall with brick veneer and *concrete* wall with brick veneer on the sides of the building. First (Ground) Floor Plan on Drawing MF-A201 does not show this wall. Please supply composition/construction of wall, height(s), location and installation and foundation details if this is to be provided under this contract.
- A.18 Brick veneer is used on the north, west, and south face of the building. East side is concrete wall. For wall details see Structural Drawings S201, S301, S401, etc.
- Q.19 Please advise drawing number that shows where the elevations shown on MF-A301 and MF-A302 are taken.
- A.19 Reference MF-A301 and MF-A302. Both provide general elevation – looking from the west or the front of the building.
- Q.20 In Volume 2 of 2, Technical Specifications we have found a partial drawing between the end of Section 11145 and the beginning of Section 12481 (copy attached). Please advise what this is for or action to be taken.
- A.20 See new Section 11145.2.05.B (Low Floor Streetcar Diagram)
- Q.21 Architectural Drawing MF-A601 shows Item No. 27, Wheel Truck Jack Stands (qty. 4). Please advise where these are specified or provide specifications.

- A.21 Jack Stands are provided by others.
- Q.22 Architectural Drawing MF-A601 shows Item No. 2, Windshield Rack – Custom (qty 1). Please advise where this is specified or provide specifications.
- A.22 Windshield Rack is provided by others.
- Q.23 Architectural Drawing MF-A601 shows Item No. 3, 12” Wide Open Back Shelves (qty 1 – how high, how many shelves...?). Please advise where these are specified or provide specifications.
- A.23 This item is no longer required.
- Q.24 Architectural Drawing MF-A601 shows Item No. 25, Welding Safety Screens (qty ?). Please advise how many and provide specifications.
- A.24 Welding Screens are provided by others.
- Q.25 Architectural Drawing MF-A601 shows Item No. 36, HVAC Work Stand (qty 1). Please advise where this is specified or provide specifications.
- A.25 HVAC Work Stand is provided by others.
- Q.26 Specification Section 14630 Paragraph 2.01B.4 calls for the “Nominal Span” to be 60 ft which is to be coordinated with the building manufacturer. Architectural drawings show the outside building width at 58’-10”. Please clarify.
- A.26 See revisions to Section 14630.2.01.B.4.
- Q.27 What are the dimensions of the rail car ? Dimensions of the rail car are needed so that the lifting pad size and the length of the cables on the lift can be determined.
- A.27 See new Section 11145.2.05.B (Low Floor Streetcar Diagram).
- Q.28 Are there specifications on the skylight? What is the dead load and what is the size?
- A.28 See new Section 08630.2.03.B.

Q.29 What is the load for the tie-off eyebolts? Please verify the tie-off eyebolt locations.

A.29 See revisions to Section 13125.2.0 (Building Design).

Q.30 What is the weight of the coiling door?

A.30 The purchase of the coiling door is to be made by the Contractor. Therefore, the weight must be ascertained when final brand is selected.

Q.31 How will the “Bridge Crane Operational Window” be supported. Provide load information for this window.

A.31 See revisions to Section 14630.2.01 (General Description – Bridge Crane).

Q.32 What are the loads for the “Perlin at center of hall for pendant mounting” (sheet MF-A204 & A205)?

A.32 Reference Section 13125.2.3.2.

Q.33 Is the common wall between the main building and the 2-lower lean-to’s off the back to remain open? Can X-rods be used in the wall? Can x-rods be used on the front wall?

A.33 See revisions to Section 13125.2.1 (Building Geometry).

Q.34 REFERENCE: Page 51 – C.36 Portable Changeable Message Sign
REFERENCE: *August 2005 Standard Blue Book – 629 Light Emitting Diode (LED) Electronic Sign*

Question – The referenced documents do not address the subject of ownership of the signs after project close-out. Please provide clarification on this issue.

A.34 Contractor shall deliver each of these items to the District of Columbia within thirty (30) calendar days after the work is completed.

Q.35 REFERENCE: Page 30 – Schedule of Items- CLIN 2360 Additional Shop Substation Equipment (618992)

Question: Please provide a detailed description of what type of additional equipment will be installed under this line item. Also, will this equipment be supplied by DDOT?

A.35 Reference Drawings OCD-34, MF-J101, MF-J102 and MF-J188..

Q.36 REFERENCE: Page 115 – C.86.5 Materials

Question: The contract documents state that DDOT has/will purchase the required power switch, lock machine, switch motors and heaters for this project. Please provide the quantity provided by DDOT, manufacturer's product number and contact information so that the bidder can obtain the required information to price this item accordingly.

A.36 Six (6) Switch Machines (Model Number Contec CSV 24) and twelve (12) heaters, 230 Volt and 1200 watts, which will be supplied by VAE Nortrack North America, Inc.

Q.37 REFERENCE: Page 218 – C.110.13 Train Signal Heads

Question: Will DDOT or the contractor provide the required train signal heads?

A.37 The Contractor shall provide the train signal head in accordance with Section C.110.13.A.

Q.38 REFERENCE: Sheet E-01 & E-02 –Electrical Site Plan Substation

Question: Note 2 on Sheet E-01 states "Install 2-2" conduits between TWC controller and traffic controller". Under what CLIN number will the contractor be compensated for the installation of this conduit?

A.38 Inaccurate response. CLIN 2120 and 2130 do not have any reference to LF of conduit.

Q.39 REFERENCE: Page 138 – C.97 Platform Leaning Rails

Question: Please provide the manufacturer information and model number of DDOT supplied platform Shelter. Therefore, the bidder may match the platform leaning rails to the aesthetics of the Shelter.

A.39 Reference Section C.97.2 (Materials) for color scheme.

Q.40 REFERENCE: Page 138 – C.97.1 Platform Leaning Rails
Question: The specifications in C.97.1 mention the DDOT supplied Shelter. Who will install the Shelter? The Schedule of Items does not include a line item for the Shelter installation.

A.40 Shelter will be installed by others

Q.41 REFERENCE: Page 170 – C.103 Conduit and Underground Ductbanks
REFERENCE: Page 27 – Schedule of Items – CLIN 2030, 2040 and 2050 - CLIN 2080, 2090 and 2100

Question: C.103 mentions CLIN 2030, 2040 and 2050. In the Schedule of Items, CLIN 2030, 2040 and 2050 are described as lighting and payment for PEPCO. Should C.103 refer to CLIN 2080, 2090 and 2100?

A.41 Reference Amendment No. 4, Item No. 4-23.

Q.42 REFERENCE: Page 177 – C.104 Manholes and Handholes – Measure and Payment

Question: C-104 references manholes and handholes, what is the difference between this CLIN item and CLINS 1430, 1440, 1510, 1820, & 1830.

A.42 There is a separation of electrification manholes from other manholes.

Q.43 REFERENCE: Page 210 – C.110 Train To Wayside Communication Systems
REFERENCE: Page 27 – Schedule of Items – CLIN 2070 and CLIN 2120

Question: C.110 refers to CLIN 2070. In the Schedule of Items, CLIN 2070 is related to the substation. Also, in the Schedule of Items, CLIN 2120 is identified as the Train to Wayside Communication System. Should C.110 be identified with CLIN 2120?

A.43 Reference Amendment No. 4, Item No. 4-30.

Q.44.a REFERENCE: Page 86 – C.62.1 Engineers Field Facilities – Miscellaneous Items
REFERENCE: *August 2005 Standard Blue Book – 624 Engineer’s Field Facilities*

Question 1: The referenced documents do not address the subject of ownership of the field vehicle after project close-out. Please provide clarification on this issue.

A.44.a Reference the 2007 Edition. "...all trailers, furniture, **equipment** and inspection facilities furnished under this item shall remain the property of the Contractor."

Q.44.b Question 2: Who is responsible for the operating cost (fuel, maintenance, and repair) of the vehicle?

A.44.b The Contractor.

Q.44.c Question 3: Who is responsible for insuring the vehicle?

A.44.c The Contractor.

Q.45 REFERENCE: Page 222 – C.111 Switch Controller
REFERENCE: Page 27 – Schedule of Items – CLIN 2080
REFERENCE: Page 28 – Schedule of Items – CLIN 2130

Question: C.111 refers to CLIN 2080. In the Schedule of Items, CLIN 2080 is related to the ductbank. Also, in the Schedule of Items, CLIN 2130 is identified as the Switch Controllers. Should C.111 be identified with CLIN 2130?

A.45 Reference Amendment No. 4, Item No. 4-32.

Q.46 REFERENCE: Page 240 – C.113 Track Electrical Testing
REFERENCE: Page 27 – Schedule of Items – CLIN 2070
REFERENCE: Page 30 – Schedule of Items – CLIN 2370

Question: C.113 refers to CLIN 2070. In the Schedule of Items, CLIN 2070 is related to the substation. Also, in the Schedule of Items, CLIN 2370 is identified as the Track Electrical Testing. Should C.113 be identified with CLIN 2370?

A.46 Reference Amendment No. 4, Item No. 4-34.

Q.47 REFERENCE: Page 85 – C.52 Engineer's Field Facilities
REFERENCE: Page 30 – Schedule of Items – CLIN 2340 and CLIN 2420

Question: C.52 refers to CLIN 2340. In the Schedule of Items, CLIN 2340 is related to disconnects. Also, in the Schedule of Items, CLIN 2420 is identified as the Engineer's Field Facility. Should C.52 be identified with CLIN 2420?

A.47 Reference Amendment No. 2, Item No. 2-23.

Q.48 REFERENCE: Page 87 – C.63 Progress Photographs
REFERENCE: Page 9 – Schedule of Items – CLIN 0180

REFERENCE: Page 10 – Schedule of Items – CLIN 0190

Question: C.63 refers to CLIN 0180. In the Schedule of Items, CLIN 0180 is related to pavers. In the Schedule of Items, CLIN 0190 is identified as Progress Photographs. Should C.63 be identified with CLIN 0190?

A.48 Reference Amendment No. 2, Item No. 2-27.

Q.49 REFERENCE: Page 87 – C.64 As-built Drawings
REFERENCE: Page 10 – Schedule of Items – CLIN 0190 and CLIN 0200

Question: C.64 refers to CLIN 0190. In the Schedule of Items, CLIN 0190 is related to progress photographs. Also, in the Schedule of Items, CLIN 0200 is identified as As-built drawings. Should C.64 be identified with CLIN 0200?

A.49 Reference Amendment No. 4, Item No. 4-6.

Q.50 REFERENCE: Page 87 – C.65 Erosion and Sediment Control
REFERENCE: Page 30 – Schedule of Items – CLIN 2360 and CLIN 2430

Question: C.65 refers to CLIN 2360. In the Schedule of Items, CLIN 2360 is related to the shop substation. Also, in the Schedule of Items, CLIN 2430 is identified as Sediment and Erosion Control. Should C.65 be identified with CLIN 2430?

A.50 Reference Amendment No. 2, Item No. 2-28.

Q.51 REFERENCE: Page 104 – C.85.5.g.i

Question: C.85.5.g.i states that the contractor has to install a 150 ft section of track to qualify his track work plan. Can this test section be a section of the actual track? If, so will the contractor be able to invoice for this portion of the tract after final approval from the COTR? If not, will DDOT be supplying the track for this demonstration?

A.51 Test section can be a section of the track installed, and payment will be made for that portion of the track installed and accepted by the COTR.

Q.52 REFERENCE: Page 116 – C.85.6.j – Materials to be furnished by the Contractor: Crossing Diamond

Question: C.85.6.j states crossing diamonds shop drawings to be designed and submitted for approval before installation. Where will the crossing diamonds be installed on this project? What material will be supplied by DDOT? On Page 122 Section C.86.23.b: Payment states Crossing Diamond per AREMA EA but does not provide a CLIN#. What CLIN # will cover the cost of installing the crossing diamonds?

A.52 Reference Amendment No. 4, Items No. 4-18 and 4-19.

Q.53.a REFERENCE: Page 36 – C.1.2.2.b.1-3 – Operation and Maintenance Facility

Question 1: C.1.2.2.b states work defined by the drawings and specifications of volume two document sets shall NOT include: installation of track, slab, track, and turnouts etc..... Then it continues to state that the above listed items are part of the contract but it shall be bid based on firm fixed unit prices of the contract line item Section 0001 above, see page 31. Page 31 CLIN items do not apply to the rail work. What CLIN item shall be utilized for the track work located in the maintenance facility?

A.53.a Embedded trackwork outside the building shall be included in CLIN #0140. For trackwork inside the building, CLIN #1200 and CLIN #1310 will apply to the furnishing and installation of control cooled 115RE rail and associated work. CLIN #2570, DIVISION 5, will apply only to the furnishing and installation of the 115RE rail, the support and the associated work in the pit. Reference Amendment No. 4, Item 4-3, for changes to CLIN #1200 and 1310, and cross-reference with Q&A #2, Item 28.

Q.53.b Question 2: Please clarify the exact limits of the rail work (rail and OSC) that should be included in Section 002 – Items 2530-2680

A.53.b Reference Drawings T-07 and MF-S202. The work on the 115RE Rail shall commence and stagger between 2 to 5 feet from the outside edge of the building at Station 1004+67.81, 1004+67.40, and 1004+64.36, and shall be included in CLIN #1200 and CLIN #1310. OCS pole installation shall apply to CLIN #2140 and CLIN #2150.

Q.53.c Question 3: Who is responsible for supplying the 115RE Rail that will be embedded in the shop floor?

A.53.c The Contractor shall furnish and install control cooled 115RE Rail and comply with Chapter 4 of the AREMA Manual, latest edition, as shown on

contract drawings, for both embedded tracks and posted rails in the pit area.

Q.53.d Question 4: Please provide the material of lading for all material purchased by DDOT.

A.53.d All DDOT furnished materials are listed in the Specification Sections B.3, C.85.6 and C.86.5, and reference Amendment No. 4, Items 4-1, 4-13 and 4-17.

Q.54.a REFERENCE: Contract Drawings Volume 1 & Volume II Drawings

Question 1: Sheet C-07 of the Volume I states “for more detail demolition plan of this area see maintenance facility plans...” Will the cost of the demolition be paid in Section 01 Items or Section 02 Items?

A.54.a Demolition related to the Maintenance Yard shall be included in CLIN #2540 (Division 2), and demolition related to the trackwork shall be included in CLIN #0240.

Q.55.b Question 2: Please define the exact work limits between Section I and Section II line items.

A.55.b Section 2 line items are for work discussed in Volume 2 and covers all work related to the Maintenance Facility and yard work, except for work pertaining to the substation, trackwork, OCS poles and related work.

Q.56 REFERENCE: Page 53 Section C.41

Question: Section C.41 states no measure and payment will be made. Cost for adjusting Manhole/Drop Inlet Frame, Reset Manhole/Drop Inlet Frame....shall be distributed among all drainage bid pay items. What is the purpose of CLIN Item 450, 460, & 490?

A.56 Reference Amendment No. 2, Item No. 2-12.

Q.57 REFERENCE: Page 72 – 48 x 48 x 48 Manhole – Frame & Cover for 48 x 48 inch Manhole

Question: Please clarify if the frame and cover for the manhole is included in the unit price of the 48 x 48 x 48 manhole.

A.57 Unit price shall include manhole, frame and cover.

Q.58 REFERENCE: Page 79 – Section C.56.1.i – Traffic Signal Work

Question: Please provide more information of what is required by the contractor for the development and implementation of a computerized inventory and preparation of lighting adjustment documentation for the electricity provider.

A.58 The Contractor shall manage the traffic signal work schedule and work progress. Also, the Contractor shall provide the COTR with scheduled updated progress reports to include advance date and time for implementation of new work, as determined by the COTR.

Q.59 REFERENCE: Page 113 – Section C.85.35 Payment

Question: Section C.85.35 states, “Payment for saw cutting and excavation for Paved Track is included in the “Trackway Excavation” bid item as stated in Section 00641. Please reference the appropriate CLIN item number for trackway excavation and provide Section 00641

A.59 Reference Amendment No. 4, Item No. 4-16.

Q.60 REFERENCE: Page 191 – Section C.107.11 Substation Payment

Question: Section C.107.11 Payment: References Item Number 618992 Installation EA, however, there is no associated CLIN # for this item. Should the installation cost be included in CLIN Item # 2060 & 2070

A.60 Reference Amendment No. 4, Item No. 4-27.

Q.61 REFERENCE: Page 216 – C.110.8.a Interrogator Cabinets

Question: Section C.110.8.a states that the interrogator cabinet has to be suitable for pole mounting. Then in section e the approved cabinet is Phillip Sisson Model 336SS mounted a concrete base. Shall the cabinet be pole mounted or ground mounted?

A.61 All cabinets are to be mounted on a concrete base. Reference Amendment No. 5, Item 5-3.

Q.62 REFERENCE: Page 221– C.110.19. Payment TWC System

Question: Section C.110.19 Measurement of Payment states Item 618992 TWC System is paid by each. Since this CLIN # requires installation of foundations, conduit, cable, etc... Will the contractor be paid under the appropriate CLIN Items for these items or will ALL work associated to provide a complete TWC System be paid under CLIN Item 2120

A.62 Reference Amendment No. 4, Item No. 4-30.

Q.63 REFERENCE: Page 7– B.3.2 OCS Poles

Question: Section B.3.2 states that these poles will be supplied by DDOT, will DDOT also be supplying the anchor bolts?

A.63 Anchor bolts are not supplied with the OCS poles. The Contractor is required to provide the necessities as part of its installation work.

Q.64 REFERENCE: Page 26–CLIN Item 1970 & 2010

Question: CLIN 1970 Twin #20 Steel Cast Iron Pole – Where will this pole be installed? The pole information table on Sheet SL13 does not indicate that this type of pole will be installed.

A.64 Reference Drawings SL4 and SL6.

Q.65 REFERENCE: Page 57 Section C.48.6 Fabrication
REFERENCE: Page 9 CLIN 0150 – Granite Edging

Question: Section C.48.6 states the exact style lettering as indicated on the contract drawings shall be engraved. Please reference the contract page number where this is stated.

A.65 Reference Amendment No.5, Item No. 5-2.

Q.66 REFERENCE: Page 18 – CLIN 1130 Portable Traffic Signal Bases

Question: CLIN 1130 shows an estimated quantity of 30 each of portable Traffic Signal Bases. The quantity appears to be high for only modifying two intersections or will these bases be required other than to install temporary traffic signal poles?

A.66 Bid quantities are estimate quantities and not indicative of final quantities and not limited to the referenced locations.

Q.67 REFERENCE: Page 22 – CLIN 1540 Four 4 inch PVC Encased Electrical Conduits

Question: The estimated unit quantity for this pay item is EA. Typically, the unit measure is in LF. Please confirm the unit and quantity.

A.67 Reference Amendment No. 5, Item 5-1, for changes to CLIN #1540.

Q.68 REFERENCE: Page 27 – CLIN 1540 Four 4 inch PVC Encased Electrical Conduits

Question: The estimated unit quantity for this pay item is EA. Typically, the unit measure is in LF. Please confirm the unit and quantity.

A.68 Reference Amendment No. 5, Item 5-1, for changes to CLIN #1540.

Q.69 REFERENCE: Volume I – Sheet SL6

Question: The streetlight pole information (Arm & Luminaire Removal) table indicates to remove arm, luminaire, and u-channel and conductors. Typically, DDOT has a line item for this scope. What CLIN number shall the contractor put the cost for the removal of this equipment. What CLIN # will the contractor be paid for removing the 28-6” Pendant Pole?

A.69 Reference CLIN #2490.

Q.70 REFERENCE: Page 31 CLIN Item 2480 & 2520

Question: Is there a difference between CLIN 2480 and CLIN 2520?

A.70 CLIN #2480 represent poles that are to be furnished and installed by the Contractor, while CLIN #2520 represent poles that are to be furnished by DDOT and installed by the Contractor. Reference Amendment No. 5, Item 5-1, for changes to CLIN #2520.

Q.71 REFERENCE: Page 27 CLIN Item 2050 Payment for PEPCO for Connection

Question: Will the contractor be reimbursed for PEPCO’s cost to energize the substations and maintenance facility yard under this CLIN number?

A.71 The Contractor will be reimbursed for its cost related to PEPCO services from the Contract Allowance under CLIN #2050.

Q.72 REFERENCE: General Question

Question: Instead of referencing every section, will the contractor be paid per the appropriate CLIN numbers to install the conduit system for bonding the rail, TWC, Switch Controllers, and substations?

A.72 The Contractor will be paid at the unit price, based on the established measure and payment criteria, for each Bid Item shown on the Schedule of Items.

Q.73 REFERENCE: Page 23 CLIN Item 1710 and CLIN Item 1720

Question: What is the difference between CLIN Item 1710 and 1720 – 4 Section Conventional Signal Head on a Mast Arm (All lenses 12”)

A.73 CLIN #1710 is to install a 3-section conventional signal head on a mast arm, while CLIN #1720 is to install a 4-section conventional signal head on a mast arm. Reference Amendment No. 5, Item 5-1, for changes to CLIN #1710.

Q.74 Bid item 0040 shows a bid quantity of 2,500 LF removal of CSX Railroad track, Crossies & Ballast and bid item 0050 shows a bid quantity of 100 LF removal of CSX Railroad track, crossies and ballast at pedestrian crossings. After reviewing the three locations as referred in section C67, C67 [C68] and drawings C-08, C-09, C13, T-08, T-09 and T-13, there are about 460 TF [LF] total CSX track removal. Please clarify.

A.74 Estimated quantity shall remain in effect.

Q.75 Section C-84 describes “Sufficient PVC geomembrane material shall be furnished to cover the required area where the track slab crosses any CI or DI main and/or service.” And bid item 0010 shows a bid quantity of 150 ea 10’x 8”x 0.060mm PVC geomembrane. Drawing T-30 and T-32 Typical Girder Rail Track Slab Detail shows 0.06” Geomembrane(TYP). Does the drawing mean all 10,200 LF Track get Geomembrane. In other words, according to drawing, it would require about 1,275 ea 10’x8’x0.060mm geomembrane roll? Please clarify.

A.75 Estimated quantity shall remain in effect.

- Q.76 Drawing (Sheet 201 of 396) supplied does not show TWC Loops (TWC 016 & TWC 017) or interface cabling as reference in specification section C.111.13.b. Please clarify if the location and interface cabling for these TWC Loops.
- A.76 TWC 016 will be located at the south end of the platform aligned below the vehicle antenna when the tram is positioned for loading. TWC 017 will be located south of the powered switch at sufficient distance to clear a vehicle being towed and activated by the trailing end of the vehicle. Cabling to the TWC controller will be included.
- Q.77 Specification Section C.111.7.c states, "The power for the switch shall be converted from AC using a solid state rectifier. Operating power may be switched using either relays or solid state devices." This might imply that the controller will drive the switch mechanism directly, if so, what are the operating specifications/requirements for switch operation. Additionally, is there any manual backup required such as a "push button" switch request?
- A.77 It is anticipated that these machines will use 230 Vac for both the switch machine and heaters. Detail design and integration of the controller is the responsibility of the Contractor, per Section C.111.1. Maintenance operation of the switch from the controller cabinet is standard and may be either by "push button", laptop diagnostic program, or other as approved in the submittals.
- Q.78 Section C.111.8 states, "The contractor shall be responsible for providing the controllers for the heaters and all wiring and conduit for the connection of the heaters to the heater controller." Please provide information with respect to heater operation (turn on/off), as well as, load/power requirements.
- A.78 It is anticipated that the switch heaters will be 230 Vac, 1200 W. The detailed design and integration of these heaters, including control points, varies among possible suppliers and is the responsibility of the Contractor's selected supplier, as stated in Section C.111.1.
- Q.79 Section C.111.9 (a) states, "A free standing signal case shall be provided. The case shall be manufactured from 12 Gauge Cor-Ten steel with a painted finish. The case shall be provided with a backboard for component mounting." Section C.111.9 (d) states, "Preapproved cabinet is Phillip Sisson Model 336SS mounted on a concrete base as used by the District Department of Transportation. The District standard controller cabinets are described in C56.15 and C56.16." Which identifies a NEMA Type 4, hot-dipped galvanized cabin steel cabinet. Please clarify.

- A.79 Reference Section C.111.9.d for information pertaining to an acceptable product (Philip Sisson Model 336SS).
- Q.80 Are there training requirements with respect to the TWC/Switch Controller?
- A.80 No.
- Q.81 Are there spare parts requirements with respect to TWC/Switch Controller?
- A.81 No.
- Q.82 Will a PE seal be required on the drawings described in the required drawings in the Specification?
- A.82 The PE seal is only required for submittal of structural details and calculations.
- Q.83 There is no pay item for the 8" thick base paving shown on detail B, drawing T31. Please clarify.
- A.83 Reference CLIN #0590. Reference revised Drawing T-31R. Pavement legend #2, which indicates 8 inch hot bituminous base course, Superpave Mix 19mm.
- Q.84 Walls at Offices & Entry on Floor Plan MF-A201 do not match Enlarged Plan on MF-A506. Which is correct ?
- A.84 Enlarged plan on Drawing MF-A506 is accurate and shall be used. Any information or dimensions shown on Drawing MF-A506 for offices, entry area, break rooms, lockers, etc., supersedes those shown on Drawing MF-A201.
- Q.85 What are the lines outside of bldg, shown "lightly" on upper left corner of Floor Plan ?
- A.85 Reference revised Drawings MF-A201R. Lines are deleted.
- Q.86 Long Brick "Screen Walls" are shown on Elevations, but NOT on Floor Plan or Foundn Plan or on Civils. Are these walls part of the contract ? If so, what are the lengths of each wall ? How is Conc Foundation to be constructed ? The heights vary between the elevations, and some say CMU w/ Brick and one says Conc w/ Brick. Does the CMU get vertical reinforcing & grout ?

- A.86 Perimeter walls are 6" CMU + brick veneer, to the mezzanine level and from there above, wall construction is part of the steel building framing system, with metal wall panels on the outside. Sections 4/MF-A501 and 12/MF-A501 show the CMU and brick veneer supported by concrete foundation. Foundation details are provided in structural drawings. Refer to Drawing MF-S202 for various sections cut at different locations. For example, Drawing MF-S302 and MF-S401 contain numerous sections and details pertaining to foundation construction.
- Q.87 Provide Construction Details for Wood Casework in Break Room.
- A.87 Contractor shall propose casework details for break room for approval by DDOT.
- Q.88 No dimensions are shown for Alum Window Framing. Please provide.
- A.88 Reference Specification Section 08529.3.06.
- Q.89 Door & Room #'s are NOT shown on Plans.
- A.89 Door/Window numbers provided in previous drawings.
- Q.90 Provide the LOGO for large 12'L Sign in spec 10400 (Sched says "DDOT logo provided by owner").
- A.90 LOGO will be provided to the selected Contractor.
- Q.91 Please provide insulated joint kit specification for RI 59, RI 52 and 115RE to indicate joint bar length, type of fasteners, end post thickness, etc.
- A.91 Reference Amendment No. 4, Item 4-18.
- Q.92 Please provide details for the Standard Plate for M25 Turnout as required in specification C.86.6(h).
- A.92 Reference Amendment No. 4, Item 4-17 and 4-18.
- Q.93 Please provide Rail Plate, Rail Clips details for 115RE rail inside Maintenance Facility as shown in drawing MF-S401 detail 2 and MF-S402 detail 3.
- A.93 Reference detail #7/MF-S202 on Drawing MF-S402, for information pertaining to Plates and Clips. Also, reference Section 02456.2.01.f and g.

- Q.94 Is the free draining base course shown on sheets T-30 and T-31 HotMixAsphalt or Concrete per Blue Book Section 214 “Permeable Base” ? Or is loose #57 Stone acceptable?
- A.94 The free drainage base course shall comply with Section 805 (Aggregates for Drainage) of the Standard Specifications for Highways and Structures, 2007 Edition.
- Q.95 The basis design of the split ac unit tagged acu-1 and acc-1, is not available for hot gas reheat, please provide direction for pricing the equipment needed for this project.
- A.95 See revisions to Section 15672.2.01 (Manufacturers) and Section 15736.2.01 (Manufacturers).
- Q.96 It appears there is a bid item to pick up and transport the DC furnished OCS poles to the job site and a bid item to ground the OCS poles. However, there does not seem to be a bid item to set the OCS poles on the foundation. Where do we need to include this with regards to the bid items?
- A.96 Reference Section C.108.19.b, which calls for installation and grounding of poles to be included in the unit price.
- Q.97 I previously asked (see question Q.4) and have received an answer that is incorrect. Coping cannot be used at the location depicted on the plans. This work needs to be PCC Curb or PCC Curb & Gutter.
- A.97 The bidder shall include with 9 inch Coping a 16-inch depth footing, total depth is 25 inches to sustain the stability of the coping when impacted.
- Q.98 The drawings provided do not show turnout bonding details. Are the turnouts required to have bonding? If so, which bid item should this be included under?
- A.98 Bonding is not required. Reference Amendment No. 4, Item 4-18.
- Q.99 On the mechanical drawings there is a conflict between the “stated” scale of 1/8” = 1’0” and the scaling block which in fact is 3/32” = 1’0”. Which is correct?
- A.99 1/8” = 1’-0” is the correct scale.
- Q.100 There is no plumbing fixture schedule in bid documents; therefore our subcontractors cannot match the drawings to specifications or quantities..
- A.100 Reference Section 15440 (Plumbing Fixtures).

Q.101 Page M-102, notes 15 & 16. Does NFPA 13 allow for unions and disconnect able sprinklers lines in a system. Please verify.

A.101 Delete requirements in questions with reference to sprinkler system. Contractor shall comply with NFPA requirements for installation of sprinkler system.

Q.102 Sheet M-001 schedules a gas-fired water heater, but M-301 details no flue and would appear to indicate an electric water heater. Which is correct?

A.102 Gas fired water heater is correct. M-301 shows 3" vent for combustion air and flue. Also, reference M-401 for gas water heater detail.

Q.103 Note 4 under the "Split AC unit" states "hot gas bypass for humidity control". Please explain as this option is not normally available.

A.103 Schedule states "hot gas reheat for humidity control". This is a common option for this type of unit and application.

Q.104 The detail on M-301 showing the "Make up air unit" shows a fire damper in the discharge ductwork of the unit. Should that not be a "mechanical smoke and fire damper combination" per AHSRAE 90A?

A.104 Mech\Elec wall being penetrated is fire rated only.

End of Q&A No. 3

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001-ANACOSTIA INITIAL LINE SEGMENT AND RECONSTRUCTION OF FIRTH STERLING AVENUE

0010	000506 UNASSIGNED SPECIAL ITEM -EACH - 0.060 INCH PVC GEOMEMBRANE ROLL	EACH	150.000			
0020	000506 UNASSIGNED SPECIAL ITEM -EACH - TRACK DRAINAGE BASE AND GRATE	EACH	32.000			
0030	000506 UNASSIGNED SPECIAL ITEM -EACH - TRACK TUB DRAIN	EACH	6.000			
0040	000506 UNASSIGNED SPECIAL ITEM -EACH - REMOVAL OF CSX RAILROAD TRACK, CROSSTIES& BALLAST	LF	2500.000			
0050	000506 UNASSIGNED SPECIAL ITEM -EACH - REMOVAL CSX RR TRACK, CROSSTIES & BALLAST AT PEDESTRIAN CROSSINGS	LF	100.000			
0060	000506 UNASSIGNED SPECIAL ITEM -EACH - TRACK BUMPING POST	EACH	3.000			
0070	000506 UNASSIGNED- LS PICK UP AND TRANSPORT D.C FURNISHED MATERIALS TO THE WORK SITES	LUMP SUM	1.000	LUMP SUM		
0080	000506 UNASSIGNED- EACH OCS POLE FOUNDATION TYPE 1	EACH	125.000			
0090	000506 UNASSIGNED- EACH OCS POLE FOUNDATION TYPE 2	EACH	8.000			

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			DOLLARS	CTS	DOLLARS	CTS
0100	000506 UNASSIGNED OCS POLE FOUNDATION TYPE 3	9.000 EACH	.		.	
0110	000506 UNASSIGNED OCS POLE FOUNDATION TYPE 4	15.000 EACH	.		.	
*0120	000506 UNASSIGNED SPECIAL ITEM -EACH - TURNOUT STRAIGHT FROG	3.000 EACH	.		.	
*0130	000506 UNASSIGNED SPECIAL ITEM - EACH - TURNOUT CURVED FROG	3.000 EACH	.		.	
*0140	000509 UNASSIGNED CONCRETE SPECIAL ITEM RI52 AND RI59 PCC PAVED TRACK	10200.000 LF	.		.	
0150	000509 UNASSIGNED SPECIAL ITEM -LF - 8"X12" FLUSH GRANITE EDGING	30.000 LF	.		.	
0160	000509 UNASSIGNED SPECIAL ITEM -LF - 609993 12"X20" GRANITE STRAIGHT CURB	140.000 LF	.		.	
0170	000509 UNASSIGNED SPECIAL ITEM -LF - PLATFORM LEANING RAIL	600.000 LF	.		.	
0180	000515 UNASSIGNED SPECIAL ITEM -SY - PRECAST CONCRETE TACTILE PAVERS	200.000 SY	.		.	

*DDOT FURNISHED AND CONTRACTOR INSTALLED ITEMS, SEE SECTION B.3 ABOVE.

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			DOLLARS	CTS	DOLLARS	CTS
0190	108002 PROGRESS PHOTOGRAPHS	1.000 LUMP SUM	LUMP SUM	.	.	.
0200	108004 AS-BUILT DRAWINGS	1.000 LUMP SUM	LUMP SUM	.	.	.
0210	201002 CLEARING AND GRUBBING	1.000 LUMP SUM	LUMP SUM	.	.	.
0220	202002 COMMON EXCAVATION	3250.000 CY	CY	.	.	.
0230	202004 HARD SURFACE PAVEMENT EXCAVATION	2833.000 CY	CY	.	.	.
0240	205008 DEMOLITION	400.000 CY	CY	.	.	.
0250	206002 STRUCTURAL BACKFILL	5500.000 CY	CY	.	.	.
0260	206006 MACADAM AND OLD ROADWAY MATERIAL EXCAVATION	1820.000 CY	.	.	.	.
0270	207002 TRENCH EXCAVATION AND BACKFILL	3600.000 CY	.	.	.	.
0280	207004 TRENCH UNDERCUT EXCAVATION	6400.000 CY	.	.	.	.
0290	207006 GRAVEL FOR TRENCH UNDERCUT	3350.000 CY
0300	207008 BORROW TRENCH BACKFILL	2230.000 CY

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			DOLLARS	CTS	DOLLARS	CTS
0310	209002 AGGREGATE BASE COURSE	3750.000 CY	.		.	
0320	212002 TEST PIT	50.000 EACH	.		.	
0330	213002 GEOSYNTHETIC STABILIZED SUBGRADE USING GRADED AGGREGATE BASE	4500.000 CY	.		.	
0340	214002 200010 PERMEABLE BASE, 6 INCH	4500.000 SY	.		.	
0350	309002 SEWER MANHOLE ON SEWER 48 INCH AND LESS DIAMETER	18.000 EACH	.		.	
0360	310003 GRATE TYPE CATCH BASIN	17.000 EACH	.		.	
0370	310005 DOUBLE GRATE TYPE CATCH BASIN	14.000 EACH	.		.	
0380	310006 STANDARD TRIPLE CATCH BASIN	21.000 EACH	.		.	
0390	310008 BASIN CONNECT PCC PIPE, CLASS III, 15 INCH	920.000 L.F.	.		.	
0400	310010 BASIN CONNECT PCC PIPE, CLASS III, 18 INCH	550.000 L.F.	.		.	
0410	310012 BASIN CONNECT PCC PIPE, CLASS IV, 15 INCH	680.000 L.F.	.		.	

SCHEDULE OF ITEMS

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0420	310014 BASIN CONNECT PCC PIPE, CLASS IV, 18 INCH	L.F. 170.000	.		.	
0430	310992 TRACK DRAIN CONNECT PCC PIPE, CLASS IV, 15 INCH	L.F. 220.000	.		.	
0440	311002 ADJUST SEWER-WATER-UTILITY MANHOLE FRAME	EACH 11.000	.		.	
0450	311004 RESET SEWER-WATER-UTILITY MANHOLE FRAME	EACH 3.000	.		.	
0460	311010 ADJUST STANDARD BASIN TOP	EACH 2.000	.		.	
0470	311016 REPLACE SEWER-WATER MANHOLE FRAME COVER	EACH 3.000	.		.	
0480	311022 REBUILD SEWER-WATER MANHOLE	VLF 400.000	.		.	
0490	311034 ADJUST STANDARD MANHOLE TOP	EACH 3.000	.		.	
0500	311063 CLEAN SEWER STRUCTURE	EACH 30.000	.		.	
0510	311065 CLEAN PCC PIPE	L.F. 900.000	.		.	
0520	311991 ADJUST, REBUILD OR REPLACE UTILITY MANHOLE	EACH 8.000	.		.	
0530	312002 REPLACE SEWER-WATER MANHOLE FRAME	EACH 3.000	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0540	312006 REPLACE STANDARD CATCH BASIN TOP	3.000 EACH	.		.	
0550	312991 SPECIAL ITEM -EACH REPLACED SEWER/WATER MANHOLE FRAME	11.000 EACH				
0560	314046 PCC PIPE, CLASS IV, GASKET, 15 INCH	1750.000 LF	.		.	
0570	314048 PCC PIPE, CLASS IV, GASKET, 18 INCH	200.000 LF	.		.	
0580	315002 PIPE SEWER TV INSPECTION	1.000 LUMP SUM	LUMP SUM	.	.	
0590	402002 SUPERPAVE SURFACE COURSE, 19 MM	4100.000 TON	.		.	
0600	402012 SUPERPAVE SURFACE COURSE, 12.5 MM	1022.000 TON	.		.	
0610	403002 TACK COAT	12000.000 SY	.		.	
0620	409002 ASPHALT PATCHING SUPERPAVE SURFACE COURSE, 12.5 MM	60.000 TON	.		.	
0630	500008 CONCRETE RETAINING WALL	92.000 CY	.		.	
0640	504006 PCC DRIVEWAY-ALLEY ENTRANCE, 7 INCH	45.000 SY	.		.	
0650	601002 PCC BUS STOP	50.000 CY	.		.	

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PROJECT(S): DCKA-2007-B-0164-ND

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			DOLLARS	CTS	DOLLARS	CTS
0660	601008 PCC PEDESTRIAN ISLAND	72.000 CY	.		.	
0670	601010 STANDARD PCC COPING, 9 INCH HIGH	80.000 CY	.		.	
0680	603002 UNDERDRAIN PIPE, 4 INCH	4160.000 LF	.		.	
0690	603010 UNDERDRAIN CONNECT PIPE, 4 INCH	900.000 LF	.		.	
0700	603012 UNDERDRAIN CONNECT PIPE, 6 INCH	200.000 VLF	.		.	
0710	605036 REMOVE GUIDERAIL BURIED TERMINAL	6.000 EACH	.		.	
0720	605038 REMOVE W BEAM / THREE BEAM GUIDERAIL	260.000 EACH	.		.	
0730	605993 STEEL GUIDERAILS	520.000 LF	.		.	
0740	606002 PAVEMENT PROFILING (MILLING)	2320.000 SY	.		.	
0750	607005 TEMPORARY SAFETY FENCE	5000.000 LF	.		.	
0760	607006 CHAIN LINK FENCE	2500.000 LF	.		.	
0770	608004 PCC SIDEWALK, 4 INCH	2250.000 SY	.		.	

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			DOLLARS	CTS	DOLLARS	CTS
0780	608016 REPLACE PCC SIDEWALK, 4 INCH	600.000 SY	.		.	
0790	609014 PCC CIRCULAR CURB AND GUTTER, 15 TO 18 INCH DEPTH	3700.000 LF	.		.	
0800	609040 PCC CIRCULAR CURB FOR ALLEY-DRIVE ENTRANCE	53.000 LF	.		.	
0810	609068 8"X12" GRANITE STRAIGHT CURB	4000.000 LF	.		.	
0820	609070 8"X12" GRANITE CIRCULAR CURB, RADIUS UNDER 10 FT.	120.000 LF	.		.	
0830	609072 8"X12" GRANITE CIRCULAR CURB, RADIUS 10-100 FT.	1110.000 LF	.		.	
0840	609096 GRANITE CURB TRANSITION	180.000 LF	.		.	
0850	609200 PCC WHEELCHAIR/BICYCLE RAMP NEW CONSTRUCTION	15.000 EACH	.		.	
0860	609993 8"X20" CONCRETE STRAIGHT CURB	125.000 LF	.		.	
0870	609993 2" METAL PAINTED PIPE HANDRAIL	600.000 LF	.		.	
0880	610004 SEED WITH 4" TOP SOIL	1000.000 SY	.		.	

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0890	610006 HYDROSEED	10,500.000 SY	.		.	
0900	610012 RENOVATE GRASS	200.000 SY	.		.	
0910	610058 PLANTING SOIL MIX	2310.000 CY	.		.	
0920	610060 MULCH	1200.000 SY	.		.	
0930	611002 REMOVE TREE AND STUMP UP TO 6 INCH DIA.	22.000 EACH	.		.	
0940	611004 REMOVE TREE AND STUMP 6 TO 12 INCH DIA.	13.000 EACH	.		.	
0950	611006 REMOVE TREE AND STUMP 12 TO 18 INCH DIA.	3.000 EACH	.		.	
0960	611104 LITTER RECEPTACLE	8.000 EACH	.		.	
0970	611219 ACER PLATANOIDES COLUMNAR 3 - 3 1/2 INCH GAL., B&B	95.000 EACH	.		.	
0980	611237 ARM STRONG RED MAPLE 4 INCH GAL., B&B	196.000 EACH	.		.	
0990	611435 PURPLE WINTER CREEPER 2 1/4 INCH POT	438.000 EACH	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1000	611627 WILLIAM PENN BARBERRY 3 1/2 - 4 FT, B&B	3049.000 EACH	.		.	
1010	611642 EVERGREEN MAGNOLIA 4 INCH GAL., B&B	8.000 EACH	.		.	
1020	611868 FRAGRANT SUMAC 5 GAL., B&B	82.000 EACH	.		.	
1030	611911 GOLDMOUND SPIREA 5 GAL., B&B	203.000 EACH	.		.	
1040	612000 RUBY CINQUEFOIL 1 GAL., B&B	12291.000 EACH	.		.	
1050	612002 MOBILIZATION	1.000 LUMP SUM		LUMP SUM	.	.
1060	614012 PORTABLE PRECAST PCC BARRIER	2020.000 LF	.		.	
1070	615002 TWO-PLY MEMBRANE WATERPROOFING	9450.000 SY	.		.	
1080	615004 THREE-PLY MEMBRANE BARRIER	4350.000 SY	.		.	
1090	616001 MAINTENANCE OF HIGHWAY TRAFFIC	1.000 LUMP SUM		LUMP SUM	.	.
1100	616004 CONSTRUCTION LANE CLOSED	1.000 LUMP SUM		LUMP SUM	.	.
1110	616006 REMOVE LANE MARKINGS	3200.000 SF	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1120	616008 TEMPORARY CONSTRUCTION SIGN SUPPORTS	35.000 EACH	.		.	
1130	616010 PORTABLE TRAFFIC SIGNAL BASES	30.000 EACH	.		.	
1140	616012 CONSTRUCTION WARNING AND DETOUR SIGNS	800.000 SF	.		.	
1150	616014 REFLECTORIZED TRAFFIC CONES	80.000 EACH	.		.	
1160	616016 FLASHING AMBER WARNING LIGHTS, TYPE 'B'	80.000 EACH	.		.	
1170	616022 CONSTRUCTION SIGN WARNING FLAGS	25.000 EACH	.		.	
1180	616024 TYPE III PVC BARRICADE	142.000 EACH	.		.	
1190	616028 TRAFFIC DRUMS	90.000 EACH	.		.	
1200	000509 115RE PCC PAVED RAIL CONTROL COOLED WITH BOOT	550.000 LF	.		.	
1210	616033 DOUBLE YELLOW 4" THERMOPLASTIC PAVEMENT MARKING	5270.000 LF	.		.	
1220	616035 6" YELLOW THERMOPLASTIC PAVEMENT MARKING	1300.000 LF	.		.	
1230	616042 THERMOPLASTIC PAVEMENT MARKING, 4 INCH DASH	2350.000 LF	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

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			DOLLARS	CTS	DOLLARS	CTS
1240	616044 THERMOPLASTIC PAVEMENT MARKING, 6 INCH	4150.000 LF	.		.	
1250	616048 WHITE THERMOPLASTIC PAVEMENT MARKING, 8 INCH	1000.000 LF	.		.	
1260	616049 WHITE DASH THERMOPLASTIC PAVEMENT MARKING, 8 INCH	3700.000 LF	.		.	
1270	616050 WHITE THERMOPLASTIC PAVEMENT MARKING, 12 INCH	2000.000 LF	.		.	
1280	616051 WHITE THERMOPLASTIC PAVEMENT MARKING, 24 INCH	1520.000 LF	.		.	
1290	616052 THERMOPLASTIC PAVEMENT LETTER	120.000 EA	.		.	
1300	616054 THERMOPLASTIC PAVEMENT ARROW	64.000 EACH	.		.	
1310	000506 RAIL TRANSITION SECTION PCC PAVED, RI52 TO 115RE, 3.28 FT LONG	6.000 EACH	.		.	
1320	616066 DIAGONAL YELLOW THERMOPLASTIC PAVEMENT MARKING, 24 INCH	52.000 LF	.		.	
1320A	616090 CONSTRUCTION ZONE (TEMPORARY) ATTENUATOR	10.000 EACH	.		.	
1320B	616091 TEMPORARY IMPACT ATTENUATOR REMOVAL AND RESET	30.000 EACH	.		.	
1330	616110 PORTABLE CHANGEABLE MESSAGE SIGN	4.000 EACH	.		.	

SCHEDULE OF ITEMS

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REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1340	616992 STD. STEEL MONOLEVER POLE WITH 32 FT LONG MAST ARM	EACH 2.000	.		.	
1350	616992 STD. STEEL MONOLEVER POLE WITH 36 FT LONG MAST ARM	EACH 3.000	.		.	
1360	616992 STD. STEEL MONOLEVER POLE WITH 42 FT LONG MAST ARM	EACH 1.000	.		.	
1370	616992 STD. STEEL MONOLEVER POLE WITH 46 FT LONG MAST ARM	EACH 2.000	.		.	
1380	616992 MAST ARM POLE FOUNDATION FOR STD. STEEL MONOLEVER W/BEYOND 20 FT MAST ARM	EACH 9.000	.		.	
1390	500003 ENDWALLS FOR 18 INCH PIPE CULVERTS	C.Y. 3.500	.		.	
1400	617002 INDUCTIVE LOOP DETECTOR	LF 1690.000	.		.	
1410	617006 REMOVE ABANDONED TRAFFIC SIGNAL STREET LIGHT POLE FOUNDATION	EACH 15.000	.		.	
1420	617008 PCC FOUNDATION FOR TRAFFIC SIGNAL POLE OR PENDANT POST STREET LIGHT POLE	EACH 12.000	.		.	

SCHEDULE OF ITEMS

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REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1430	617010 3 FT X 3 FT ELECTRICAL MANHOLE	4.000 EACH				
1440	617012 4FT X 4 FT ELECTRICAL MANHOLE	1.000 EACH	.		.	
1450	617014 ONE 2 INCH PVC ENCASED ELECTRICAL CONDUIT	100.000 LF	.		.	
1460	617016 ONE 4 INCH PVC ENCASED ELECTRICAL CONDUIT	320.000 LF	.		.	
1470	617018 #10 AWG STRANDED WIRE	20.000 LF	.		.	
1480	617020 #8 AWG STRANDED GROUND WIRE	290.000 LF	.		.	
1490	617022 #6 AWG STRANDED GROUND WIRE	840.000 LF	.		.	
1500	617024 GALVANIZED STEEL TRANSFORMER BASE	15.000 EACH	.		.	
1510	617028 HAND BOX	9.000 EACH	.		.	
1520	617030 ONE 2 INCH AND TWO 4 INCH PVC ENCASED EL ELECTRICAL CONDUITS	150.000 LF	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

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			DOLLARS	CTS	DOLLARS	CTS
1530	617032 ONE 2 INCH AND ONE 4 INCH PVC ENCASED ELECTRICAL CONDUITS	LF 950.000	.		.	
1540	617034 FOUR 4 INCH PVC ENCASED ELECTRICAL CONDUITS	LF 290.000	.		.	
1550	617038 PCC FOUNDATION FOR CONTROLLER CABINET	EACH 4.000	.		.	
1560	617046 20 FOOT TALL STEEL TRAFFIC SIGNAL POLE	EACH 15.000	.		.	
1570	617048 8 FOOT LONG MAST ARM WITH CLAMP AND REMO VEABLE END CAP	EACH 2.000	.		.	
1580	617050 7 CONDUCTOR 14 AWG STRANDED ELECTRICAL TRAFFIC SIGNAL CABLE	LF 8400.000	.		.	
1590	617052 4 CONDUCTOR 18 AWG STRANDED ELECTRICAL TRAFFIC SIGNAL CABLE	LF 4150.000	.		.	
1600	617054 12 PAIR 19 AWG UNDERGROUND COMMUNICATIONS CABLE	LF 3000.000	.		.	
1600A	617056 F&I 12 PAIR, 19 AWG OVERHEAD COMMUNICATIONS CABLE	LF 600.000	.		.	
1610	617068 RED BALL LED MODULE	EACH 36.000	.		.	
1620	617070 YELLOW BALL LED MODULE	EACH 36.000	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1630	617072 GREEN BALL LED MODULE	36.000 EACH	.		.	
1640	617076 YELLOW ARROW LED MODULE	5.000 EACH	.		.	
1650	617078 GREEN ARROW LED MODULE	7.000 EACH	.		.	
1660	617084 12 INCH OVERLAY LUNAR WHITE WALKING PERSON AND PORTLAND ORANGE RAISED HAND LED MODULE	8.000 EACH	.		.	
1670	617086 12 INCH PORTLAND ORANGE COUNTDOWN LED MODULE	8.000 EACH	.		.	
1680	617090 3 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD ON A POLE (ALL LENSES 12")	15.000 EACH	.		.	
1690	617092 4 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD ON A POLE (ALL LENSES 12")	1.000 EACH	.		.	
1700	617094 5 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD ON A POLE (ALL LENSES 12")	1.000 EACH	.		.	
1710	617096 3 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD ON A MAST ARM (ALL LENSES 12")	15.000 EACH	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

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			DOLLARS	CTS	DOLLARS	CTS
1720	617098 4 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD ON A MAST ARM (ALL LENSES 12")	1.000 EACH	.		.	
1730	617100 5 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD, (ALL LENSES 12")	4.000 EACH	.		.	
1740	617114 2 SECTION CONVENTIONAL PEDESTRIAN SIGNAL HEAD ON A POLE, (12")	8.000 EACH	.		.	
1750	617118 PEDESTRIAN PUSH BUTTON	8.000 EACH	.		.	
1760	617120 MICROWAVE VEHICLE DETECTOR	7.000 EACH	.		.	
1770	617124 TRAFFIC SIGNAL CONTROLLER AND CABINET	4.000 EACH	.		.	
1780	617126 REMOVE ABANDONED TRAFFIC SIGNAL CONTROLLER CABINET FOUNDATION	2.000 EACH	.		.	
1790	617130 REMOVE TRAFFIC SIGNAL POLE AND TRAFFIC SIGNAL EQUIPMENT	3.000 EACH	.		.	
1800	617132 REMOVE TRAFFIC SIGNAL CONTROLLER AND CABINET	4.000 EACH	.		.	
1810	617164 TRAFFIC SIGN PANELS	310.000 SF	.		.	
1820	618016 36" X 36" X 36" MANHOLE	17.000 EACH	.		.	

SCHEDULE OF ITEMS

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1830	618022 48" X 48" X 48" MANHOLE	17.000 EACH	.		.	
1840	618072 1-2" SCHEDULE 40 RIGID PVC CONDUIT	3405.000 LF	.		.	
1850	618148 6-4" SCHEDULE 40 RIGID PVC CONDUIT DUCTBANK	1240.000 LF	.		.	
1860	618150 6-4" AND 2-2" SCHEDULE 40 RIGID PVC CONDUIT (DUCTBANK)	765.000 LF	.		.	
1870	618152 6-4" AND 1-2" SCHEDULE 40 RIGID PVC CONDUIT (DUCTBANK)	160.000 LF	.		.	
1880	618154 4-4" SCHEDULE 40 RIGID PVC CONDUIT (DUCT BANK)	500.000 LF	.		.	
1890	618160 2-4" SCHEDULE 40 RIGID PVC COND UITS (DUCT BANK)	380.000 LF	.		.	
1900	618190 #10 STRANDED WIRE	18120.000 LF	.		.	
1910	618250 #0000 STRANDED WIRE	8430.000 LF	.		.	
1920	618292 #8 STRANDED GROUND WIRE	10710.000 LF	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1930	618310 #2 STRANDED GROUND WIRE	2810.000 LF	.		.	
1940	618394 15" B.C. STREET LIGHT POLE FOUNDATION	38.000 EACH	.		.	
1950	618400 REMOVE STREET LIGHT POLE FOUNDATION	37.000 EACH	.		.	
1960	618436 15" B.C STEEL TRANSFORMER BASE	26.000 EACH	.		.	
1970	618526 TWIN #20 STEEL/ CAST IRON POLE	16.000 EACH	.		.	
1980	618748 150 WATT HPS TEAR DROP FIXTURE	79.000 EACH	.		.	
1990	618760 250 WATT HPS TEAR DROP FIXTURE	9.000 EACH	.		.	
2000	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- UP to 24 FOOT ARM ON STEEL MONOLEVER POLE	5.000 EACH	.		.	
2010	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- 4' ARMS ON TWIN-20 POLE	33.000 EACH	.		.	
2020	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- TWIN 4' ARMS ON OCS POLES	46.000 EACH	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

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			DOLLARS	CTS	DOLLARS	CTS
2030	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- CLEAN AND RELAMP EXISTING FIXTURES	7.000 EACH	.		.	
2040	618992 ELECTRICAL WORK SPECIAL ITEM -EACH- UNDER PASS LIGHTING FIXTURES	4.000 EACH	.		.	
2050	618999 PAYMENT TO PEPCO FOR CONNECTION, DISCONNECTION, AND INSPECTION	1.000 LUMP SUM	LUMP SUM	.	30500.00	.
*2060	618992 INSTALLATION OF PRE FABRIC SUBSTATION (MAINLINE)	2.000 EACH	.		.	
*2070	618992 INSTALLATION OF SUBSTATION EQUIPMENT IN PLACE (MAINTENANCE FACILITY)	1.000 EACH	.		.	
2080	618993 DUCTBANK -TRACTION ELECTRIFICATION, 1 X 4"	220.000 LF	.		.	
2090	618993 DUCTBANK -TRACTION ELECTRIFICATION, 2 X 4"	720.000 LF	.		.	
2100	618993 DUCTBANK -TRACTION ELECTRIFICATION, 6 X 4"	30.000 LF	.		.	
2110	618992 MANHOLES AND HANDHOLES	3.000 EACH	.		.	
2120	618992 TRAIN TO WAYSIDE COMMUNICATION (TWC)	3.000 EACH	.		.	

*DDOT FURNISHED AND CONTRACTOR INSTALLED ITEMS, SEE SECTION B.3 ABOVE.

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2130	618992 SWITCH CONTROLLERS	2.000 EACH	.		.	
*2140	618992 GROUNDING OF TAPER TUBULAR POLES	148.000 EACH	.		.	
*2150	618992 GROUNDING OF BALANCE WEIGHT ANCHOR POLES	7.000 EACH	.		.	
2160	618992 CANTILEVER ASSEMBLY	95.000 EACH	.		.	
2170	618992 HEADSPAN ASSEMBLY	16.000 EACH	.		.	
2180	618992 CROSS SPAN ASSEMBLY	19.000 EACH	.		.	
2190	618992 SINGLE PULL OFF ASSEMBLY	23.000 EACH	.		.	
2200	618992 BACKBONE ASSEMBLY	11.000 EACH	.		.	
2210	618992 BRIDGE SUPPORT ASSEMBLY	2.000 EACH	.		.	
2220	618992 BALANCE WEIGHT ANCHOR ASSEMBLY	7.000 EACH	.		.	
2230	618992 FIXED TERMINATION ANCHOR ASSEMBLY	10.000 EACH	.		.	

*DDOT FURNISHED AND CONTRACTOR INSTALLED ITEMS, SEE SECTION B.3 ABOVE.

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2240	618992 MIDPOINT ANCHOR ASSEMBLY	1.000 EACH	.		.	
2250	618992 DISCONNECT SWITCH ASSEMBLY -SINGLE	6.000 EACH	.		.	
2260	618992 CROSSED CONTACT WIRE BRIDGE JUMPER	11.000 EACH	.		.	
2270	618993 AUTO-TENSIONED SINGLE CONTACT SYSTEM	12000.000 LF	.		.	
2280	618993 FIXED TERMINATION SINGLE CONTACT SYSTEM	1500.000 LF	.		.	
2290	618992 SECTION INSULATOR - SINGLE CONTACT SYSTEM	9.000 EACH	.		.	
2300	618992 MAINTENANCE FACILITY OCS CONTROL PANEL	1.000 EACH	.		.	
2310	618992 WAYSIDE POWER SUPPLY	1.000 EACH	.		.	
2320	618992 SHOP CONDUCTOR BAR ON TRACK 2	1.000 EACH	.		.	
2330	618992 MAINTENANCE SHOP DOOR BRIDGE ASSEMBLY	3.000 EACH	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2340	618992 DISCONNECT SWITCH ASSEMBLY - GROUNDED	3.000 EACH	.		.	
2350	618992 SHOP DOOR WIRE TERMINATION ASSEMBLIES	6.000 EACH	.		.	
*2360	618992 ADDITIONAL SHOP SUBSTATION EQUIPMENT	1.000 LUMP SUM	LUMP SUM	.	.	
2370	618991 TRACK ELECTRICAL TESTING	1.000 LUMP SUM	LUMP SUM	.	.	
2380	618997 CCTV CAMERA AND DOME	2.000 EACH	.		.	
2390	620002 TIMBER GROUND MOUNTED SIGN POST 4X4	100.000 LF	.		.	
2400	620011 METAL SIGN POSTS	100.000 LF	.		.	
2410	625002 FIELD LAYOUT	1.000 LUMP SUM	LUMP SUM	.	.	
2420	624002 ENGINEERING FIELD FACILITIES	1.000 LUMP SUM	LUMP SUM	.	.	
2430	628002 SEDIMENT and EROSION CONTROL	1.000 LUMP SUM	LUMP SUM	.	.	
2440	628003 PLATFORM PYLON	8.000 EACH	.		.	

*DDOT FURNISHED AND CONTRACTOR INSTALLED ITEMS, SEE SECTION B.3 ABOVE.

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2450	628041 REBUILDING D.C. SIGNS	4.000 EACH	.		.	
2460	616992 STD. STEEL MONO-LEVER POLE WITH 62 FOOT LONG MAST ARM	1.000 EACH	.		.	
2470	618208 #4 STRANDED WIRE	4600.000 L.F.	.		.	
2480	618452 28'-6" STEEL PENDANT POST POLE WITH UP TO 8 FOOT ARM	10.000 EACH	.		.	
2490	618566 REMOVE PENDANT POST POLE 30 FOOT HEIGHT OR LESS	37.000 EACH	.		.	
2500	618992 250 WATT MH TEAR DROP FIXTURE	10.000 EACH	.		.	
2510	618993 2-2 INCH SCHEDULE 40 PVC CONDUIT	220.000 L.F.	.		.	
2520	618546 Remove and Relocate Existing 28'-6" FOOT STEEL PENDANT POLE WITH UP TO 8 FOOT ARM	12.000 EACH	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
SECTION 0002 - OPERATION AND MAINTENANCE FACILITY						
ALL DIVISIONS - COSTS INCLUDE INCIDENTAL COSTS ITEMS						
2530	700012 UNASSIGNED DIVISION 1 GENERAL DATA	1.000 PER PLAN				
2540	700012 UNASSIGNED DIVISION 2 SITE CONSTRUCTION	1.000 PER PLAN				
2550	700012 UNASSIGNED DIVISION 3 CONCRETE	1.000 PER PLAN				
2560	700012 UNASSIGNED DIVISION 4 MASONRY	1.000 PER PLAN				
2570	700012 UNASSIGNED DIVISION 5 METALS	1.000 PER PLAN				
2580	700012 UNASSIGNED DIVISION 6 WOOD & PLASTICS	NOT APPLICABLE INTENTIONALLY LEFT BLANK		N/A		N/A
2590	700012 UNASSIGNED DIVISION 7 THERMAL & MOISTURE PROTECTION	1.000 PER PLAN				
2600	700012 UNASSIGNED DIVISION 8 DOORS & WINDOWS	1.000 PER PLAN				
2610	700012 UNASSIGNED DIVISION 9 FINISHES	1.000 PER PLAN				
2620	700012 UNASSIGNED DIVISION 10 SPECIALITIES	1.000 PER PLAN				
2630	700012 UNASSIGNED DIVISION 11 EQUIPMENT	1.000 PER PLAN				

SCHEDULE OF ITEMS

DATE:

REVISED: 7/23/08

CONTRACT ID: DCKA-2007-B-0164-ND

PROJECT(S): DCKA-2007-B-0164-ND

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
2640	700012 UNASSIGNED DIVISION 12 FURNISHINGS	1.000 PER PLAN	.		.	
2650	700012 UNASSIGNED DIVISION 13 SPECIAL CONSTRUCTION	1.000 PER PLAN	.		.	
2660	700012 UNASSIGNED DIVISION 14 CONVEYING SYSTEM	1.000 PER PLAN	.		.	
2670	700012 UNASSIGNED DIVISION 15 MECHANICAL	1.000 PER PLAN	.		.	
2680	700012 UNASSIGNED DIVISION 16 ELECTRICAL	1.000 PER PLAN	.		.	
SECTION 0001 - ANACOSTIA INITIAL LINE SEGMENT AND RECONSTRUCTION OF FIRTH STERLING AVENUE (ITEM # 10 THRU # 2520) - SUBTOTAL			.		.	
SECTION 0002 - OPERATION AND MAINTENANCE FACILITY (ITEM # 2530 THRU # 2680) - SUBTOTAL			.		.	
TOTAL BID - SECTIONS 0001 + 0002			.		.	

Revised Attachment J.4

General Decision Number: DC080001 07/18/2008 DC1

Superseded General Decision Number: DC20070001

State: District of Columbia

Construction Types: Heavy (Heavy and Sewer and Water Line) and Highway

County: District of Columbia Statewide.

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines);
HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	02/08/2008
1	04/18/2008
2	05/02/2008
3	05/09/2008
4	05/30/2008
5	06/06/2008
6	07/04/2008
7	07/18/2008

ASBE0024-001 10/01/2007

	Rates	Fringes
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Asbestos Worker/Heat and Frost Insulator

Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.....

	\$ 27.88	13.88
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ASBE0024-002 10/01/2007

	Rates	Fringes
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HAZARDOUS MATERIAL HANDLER

Includes preparation,

wetting, stripping,
 removal, scrapping,
 vacuuming, bagging and
 disposing of all
 insulation materials,
 whether they contain
 asbestos or not, from
 mechanical systems.....\$ 17.95 6.50

ASBE0024-005 10/01/2007

	Rates	Fringes
Fire Stop Technician.....	\$ 22.95	6.39

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of 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.

BOIL0193-001 10/01/2007

	Rates	Fringes
Boilermakers:.....	\$ 32.06	16.46

BRDC0001-001 04/30/2007

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

CARP0132-001 05/01/2008

	Rates	Fringes
Carpenter/Lather.....	\$ 25.37	6.55
Piledriver.....	\$ 23.87	7.10

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

Carpenters:

Millwrights.....\$ 24.34 4.05

 ELEC0026-001 06/02/2008

Rates Fringes

Electricians.....\$ 35.55 11.42+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 09/02/2007

Rates Fringes

Line Construction:

Cable Splicers.....\$ 30.29 19.75%+4.81
 Equipment Mechanic.....\$ 21.82 19.75%+4.81
 Equipment Operators.....\$ 25.78 19.75%+4.81
 Groundman/Truck Driver.....\$ 15.34 19.75%+4.81
 Line Truck with Auger.....\$ 20.09 19.75%+4.81
 Linemen.....\$ 28.86 19.75%+4.81

ENGI0077-001 05/01/2008

	Rates	Fringes
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Power equipment operators:

(HEAVY AND HIGHWAY

CONSTRUCTION)

GROUP 1.....	\$ 29.74	7.17+a
GROUP 2.....	\$ 28.74	7.17+a
GROUP 3.....	\$ 28.28	7.17+a
GROUP 4.....	\$ 27.57	7.17+a
GROUP 5.....	\$ 25.54	7.17+a
GROUP 6.....	\$ 21.00	7.17+a
GROUP 7.....	\$ 30.11	7.17+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Tower Cranes and Cranes 100 ton and over.

GROUP 2: 35 ton cranes & above, tower & climbing cranes, derricks, concrete boom pump, drill rigs (equivalent to L & Double L), mole.

GROUP 3: 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 4: 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 5: 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 6: Fork lifts, ditch witch, bobcat 1/3 cu. yd. and below, space heaters, sweepers, assistant engineers, oilers.

GROUP 7: 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.

 ENGI0077-002 06/01/2008

	Rates	Fringes
Power equipment operators: (PAVING AND INCIDENTAL GRADING)		
GROUP 1.....	\$ 23.75	5.75
GROUP 2.....	\$ 20.80	5.75
GROUP 3.....	\$ 17.84	5.75
GROUP 4.....	\$ 16.35	5.75
GROUP 5.....	\$ 24.26	5.55

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Gradall operator, Crane.
 GROUP 2: Boom Truck, Milling Machine, Excavator, Rubber Tire Backhoe, Asphalt Paver, Asphalt Plant Engineer, Motor Grader, Track Loader, Rubber Tire Loader, Track Dozer, Concrete Paver.
 GROUP 3: Broom Truck, Asphalt Roller.
 GROUP 4: Air Compressor, Grade Rollers.
 GROUP 5: Mechanic.

 ENGI0077-003 07/01/2008

	Rates	Fringes
Power equipment operators: (SEWER, GAS AND WATER LINE CONSTRUCTION)		
GROUP 1.....	\$ 21.58	5.62+a
GROUP 2.....	\$ 21.18	5.62+a
GROUP 3.....	\$ 20.67	5.62+a
GROUP 4.....	\$ 20.35	5.62+a
GROUP 5.....	\$ 19.53	5.62+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Excavators, Cranes, Gradalls.

GROUP 2: Backhoes, Front-end Loaders, Fork alift/Lull, Bulldozers, Motor Graders. Qualified Mechanics, Hydraulic Tamper and Hoe Pack, Paving Mixers, Pile Driving Engines, Batch Plant, Concrete Pumps, Low-Boy Driver, Lube Truck.

GROUP 3: Trenching Machine, Well Drilling Machines, Concrete Mixers, Motor Graders, Truck Driver.

GROUP 4. Roller, Air Compressors, Pumps, Welding Machines, Well Points, Firemen.

GROUP 5: Oiler

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 06/01/2008

	Rates	Fringes
Ironworkers:		
Structural, Ornamental and Chain Link Fence.....	\$ 27.83	12.595

 IRON0201-001 05/01/2008

	Rates	Fringes
Ironworkers:		
Reinforcing.....	\$ 26.15	12.08

 LABO0657-003 06/01/2008

	Rates	Fringes
Laborers: (HEAVY AND HIGHWAY AND SEWER & WATER LINES CONSTRUCTION)		
GROUP 1.....	\$ 20.42	4.68
GROUP 2.....	\$ 20.72	4.68
GROUP 3.....	\$ 20.88	4.68
GROUP 4.....	\$ 21.04	4.68

GROUP 5.....	\$ 21.47	4.68
GROUP 6.....	\$ 22.01	4.68
GROUP 7.....	\$ 22.53	4.68
GROUP 8.....	\$ 23.23	4.68

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 nozzleman, timber buckler 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 nozzlemen 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 06/01/2008

	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.....	\$ 16.93	4.68
Skilled Toxic and Hazardous Waste Removal Laborers.....	\$ 19.80	4.68

LABO0657-005 06/01/2008

	Rates	Fringes
Laborers: (TUNNEL, RAISE & SHAFT (FREE AIR) FOR HEAVY AND SEWER & WATER LINES CONSTRUCTION)		
GROUP 1.....	\$ 21.11	4.68
GROUP 2.....	\$ 21.74	4.68
GROUP 3.....	\$ 23.34	4.68
GROUP 4.....	\$ 24.02	4.68

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 06/01/2008

	Rates	Fringes
Laborers: (TUNNEL, RAISE AND SHAFT (COMPRESSED AIR) FOR HEAVY CONSTRUCTION ONLY		
Gauge Pressure Work Period		
(Pounds)	(Hours)	
1-14	7.....\$ 26.39	4.68
14-18	6.....\$ 31.05	4.68

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 06/01/2007

	Rates	Fringes
Laborers: (PAVING AND INCIDENTAL GRADING)		
Asphalt Raker & Concrete		
Saw Operator.....	\$ 17.14	4.30
Asphalt Shoveler.....	\$ 16.59	4.30
Asphalt Tammer & Concrete		
Shoveler.....	\$ 16.84	4.30
Jack Hammer.....	\$ 17.03	4.30
Laborer.....	\$ 16.48	4.30
Sand Setter & Form Setter...	\$ 17.76	4.30

LABO0657-008 06/01/2008

	Rates	Fringes
LABORERS (BRICK MASONRY WORK)		
Mason Tenders.....	\$ 14.65	4.68
Scaffold Builders, Mortarmen and Small Equipment Operators.....		
	\$ 15.45	4.68

MARB0002-003 05/01/2007

	Rates	Fringes
Marble & Stone Mason Includes Pointing, Caulking and Cleaning of All Types of Masonry, Brick, Stone and Cement Structures.....	\$ 31.00	11.52

MARB0003-001 05/01/2007

	Rates	Fringes
Mosaic & Terrazzo Worker, Tile Layer Marble Mason and Tile Layer.	\$ 24.67	8.78
Terrazzo Worker.....	\$ 25.42	8.78

MARB0003-004 05/01/2007

	Rates	Fringes
Marble, Tile & Terrazzo Finisher.....	\$ 19.84	7.90

PAIN0051-001 06/01/2008

	Rates	Fringes
Painters: All Industrial Work.....	\$ 25.73	7.56
Bridges, Heavy Highway, Lead Abatement and Flame/Thermal Spray.....	\$ 29.12	7.56
Commercial and Mold Remediation, Painters, Wallcovers and Drywall Finishers.....	\$ 24.31	7.56
Metal Polishing and Refinishing.....	\$ 25.31	7.56

PLAS0891-001 05/01/2007

	Rates	Fringes
Cement Masons: HEAVY CONSTRUCTION ONLY.....	\$ 26.15	6.01

 PLAS0891-002 06/01/2007

	Rates	Fringes
Cement Masons: (PAVING & INCIDENTAL GRADING)		
Cement Masons.....	\$ 17.35	4.35
Concrete Saw Operators.....	\$ 17.35	4.35
Form Setters.....	\$ 17.35	4.35

 PLUM0005-001 10/21/2007

	Rates	Fringes
Plumbers.....	\$ 33.92	12.94+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 11/01/2007

	Rates	Fringes
Steamfitter, Refrigeration & Air Conditioning Mechanic.....		
	\$ 33.27	13.57+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 07/01/2008

	Rates	Fringes
Sheet Metal Worker.....	\$ 33.04	12.12

 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

General Decision Number: DC080003 07/18/2008 DC3

Superseded General Decision Number: DC20070003

State: District of Columbia

Construction Type: Building

County: District of Columbia Statewide.

BUILDING CONSTRUCTION PROJECTS (Does not include single family homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	02/08/2008
1	04/18/2008
2	05/02/2008
3	05/09/2008
4	05/30/2008
5	06/06/2008
6	07/04/2008
7	07/18/2008

ASBE0024-001 10/01/2007

Rates Fringes

Asbestos Worker/Heat and Frost Insulator

Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.....\$ 27.88 13.88

ASBE0024-005 10/01/2007

	Rates	Fringes
Fire Stop Technician.....	\$ 22.95	6.39

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of 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.

BRDC0001-001 04/30/2007

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

CARP0132-006 05/01/2008

	Rates	Fringes
Carpenters (Including Drywall Hanging).....	\$ 25.37	6.55
Piledriver.....	\$ 23.87	7.10

ELEC0026-003 09/03/2007

	Rates	Fringes
Communication Technician.....	\$ 23.15	3%+6.87

SCOPE OF WORK: Includes low voltage construction, installation, maintenance and removal of teledata facilities (voice, data and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, railroad communications, micro waves, VSAT,

bypass, CATV, WAN (Wide area networks), LAN (Local area networks) and ISDN (Integrated systems digital network).

WORK EXCLUDED: The installation of computer systems in industrial applications such as assembly lines, robotics and computer controller manufacturing systems. The installation of conduit and/or raceways shall be installed by Inside Wiremen. On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway or conduit not greater than 10 feet. Fire alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit. All HVAC control work.

 ELEC0026-016 06/02/2008

	Rates	Fringes
Electricians (Excluding Communication-Low Voltage Wiring).....	\$ 35.55	11.42+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.

 ENGI0077-009 05/01/2008

	Rates	Fringes
Power equipment operators:		
Boom Trucks.....	\$ 27.57	7.17+a
Cranes (35 tons and above)..	\$ 28.74	7.17+a
Cranes (under 35 tons).....	\$ 28.28	7.17+a
Forklifts.....	\$ 21.00	7.17+a
Piledrivers.....	\$ 28.28	7.17+a

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.

 * IRON0005-001 06/01/2008

	Rates	Fringes
Ironworkers:		
Structural, Ornamental and Chain Link Fence.....	\$ 27.83	12.595

 IRON0201-003 05/01/2008

	Rates	Fringes
Ironworker (Reinforcing).....	\$ 26.15	12.08

 LABO0657-001 06/01/2008

	Rates	Fringes
Laborer:Skilled.....	\$ 19.57	4.68

FOOTNOTE: Potmen, power tool operator, small machine operator, concrete labor including concrete preparation, signalmen, laser beam operator, waterproofer, open caisson, test pit, underpinnig, pier hole and ditches, ladders and all work associated with lagging that is not expressly stated, strippers, operator of hand derricks, vibrator operators, pipe layers, or tile layers (tile laid on road construction projects ONLY), operators of jackhammer, paving breakers, spaders or any machine that does the same general type of work, scaffold builders, operators of towmasters, scootcretes, buggymobiles and other machines of similar character, operators of tampers and rammers and other machines that do the same general type of work, whether powered by air, electric or gasoline builders of trestle scaffolds over one tier high and sand blaster, power and chain saw operators used in clearing, installers of well points, wagon drill operators, acetylene burners and licensed powdermen.

 LABO0657-002 06/01/2008

	Rates	Fringes
Laborers:		
Mason Tenders, Brick.....	\$ 14.65	4.68
Mortarmen, Scaffold Builders.....	\$ 15.45	4.68

 MARB0002-002 05/01/2007

	Rates	Fringes
Marble & Stone Mason.....	\$ 31.00	11.52

INCLUDES pointing, caulking and cleaning of All types of masonry, brick, stone and cement structures; EXCEPT pointing, caulking and cleaning of exisiting masonry, brick, stone and cement (restoration work)

 MARB0003-001 05/01/2007

	Rates	Fringes
Mosaic & Terrazzo Worker, Tile Layer		
Marble Mason and Tile Layer..	\$ 24.67	8.78
Terrazzo Worker.....	\$ 25.42	8.78

 MARB0003-004 05/01/2007

	Rates	Fringes
Marble, Tile & Terrazzo Finisher.....	\$ 19.84	7.90

 PAIN0051-004 06/01/2008

	Rates	Fringes
Glaziers		
Contracts \$2 million and under.....	\$ 25.12	7.46
Contracts over \$2 million...	\$ 27.84	7.46

 PAIN0051-010 06/01/2008

	Rates	Fringes
Painters:		
Brush, Roller, Spray and Drywall Finisher.....	\$ 24.31	7.56

 PLAS0891-003 05/01/2007

	Rates	Fringes
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Cement Mason/Concrete Finisher...\$ 26.15 6.01

PLUM0005-007 10/21/2007

Rates Fringes

Plumbers

Apartment Buildings over 4 stories (except hotels), schools, colleges and speculative office buildings, strip shopping centers, churches, water coolers, room air conditioning units, appliances, packaged ice machines and light commercial refrigeration and/or air conditioning systems serving a single business in a single story building and not to exceed 5. h.p. or tons, self-contained package unit up to including 5 h.p. or tons.\$ 21.54 8.33+a
 ALL Other Work.....\$ 33.92 12.94+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.

PLUM0602-006 11/01/2007

Rates Fringes

Steamfitter, Refrigeration & Air Conditioning Mechanic (Including HVAC Pipe Work).....\$ 33.27 13.57+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 Day and Christmas Day.

SFDC0669-001 04/01/2008

	Rates	Fringes
Sprinkler Fitters.....	\$ 29.35	14.30

SHEE0100-002 07/01/2008

	Rates	Fringes
Sheet Metal Worker (Including HVAC Duct Work).....	\$ 33.04	12.12

SUDC2000-001 04/12/2000

	Rates	Fringes
ASBESTOS ABATEMENT WORKER (Removal from Floors, Ceilings, Walls and Mechanical Systems).....	\$ 10.60	

Laborer, Unskilled.....	\$ 11.83	2.23
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Pointer, caulker and cleaner
INCLUDES pointing,
caulking and cleaning of
existing masonry, brick,
stone and cement
structures (restoration
work); EXCLUDES pointing,
caulking and cleaning of
new or replacement
masonry, brick, stone and
cement.....\$ 20.00

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

=====
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:

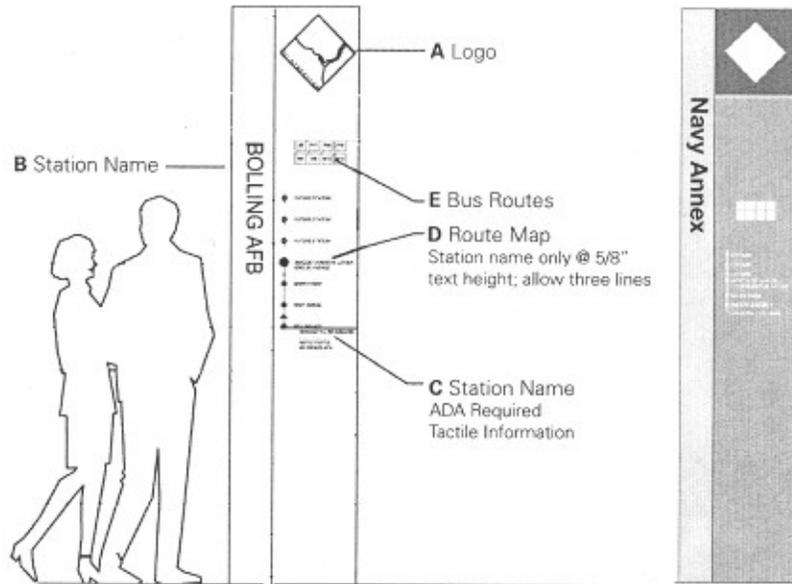
Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

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

=====
END OF GENERAL DECISION

Streetcar Platform Pylon - Additional Information

The following illustrations identify the graphic information that should be included in the pylon bid price. Refer to the construction documents for pylon dimensions and details. Final graphics are to be provided by DDOT COTR prior to final approval.



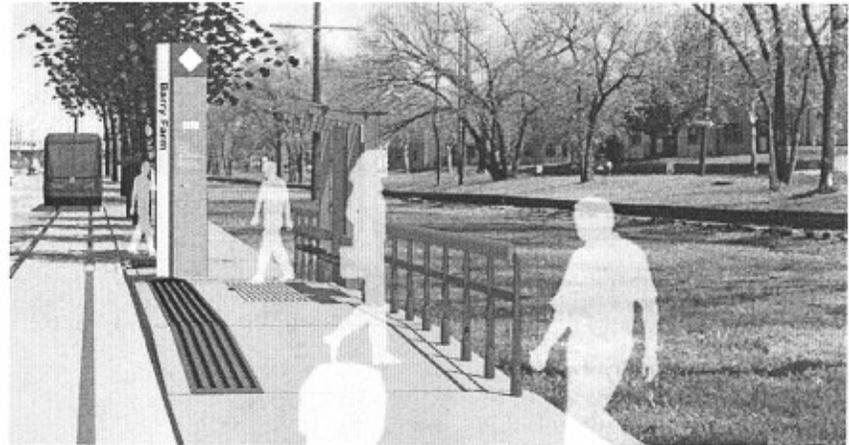
Pylon
Signage Requirements include:

- A** Logo
- B** Station Name
- C** Station Name - ADA
- D** Route Map
- E** Bus Routes

Pylon Colors



Platform Perspective View - From Street
Barry Farm Platform



Platform Perspective View - From Sidewalk
Barry Farm Platform

Anacostia Streetcar



K-1

CERTIFICATE OF ELIGIBILITY

CERTIFICATION OF ELIGIBILITY

_____, being duly sworn (or
(President or Authorized Official of Bidder)
under penalty of perjury under the laws of the United States), certifies that, except as noted below, (the Company) or any person associated therewith in the capacity of (owner, partner, director, officer, principal investigator, project director, manager, auditor, or any position involving the administration of federal funds):

is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility under any Federal, District or State statutes;

has not been suspended, debarred, voluntarily excluded or determined ineligible by an Federal, District or state agency within the past three (3) years;

does not have a proposed debarment pending; and

has not been indicted, convicted, or had a civil judgment rendered against (it) by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years.

Exceptions will not necessarily result in denial of award, but will be considered in determining acceptability of offeror. For any exception noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in criminal prosecution or administrative sanctions.

Contractor President or Authorized Official

Date Title

The penalties for making false statements are prescribed in the Program Fraud Civil Remedies Act of 1986 (Public Law 99-509, 31 U.S.C. 3801-3812).

Subscribed and sworn before me this _____ day of _____

At _____
City and State

Notary Seal Notary Public

K-2

CERTIFICATE REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

**CERTIFICATION REGARDING DEBARMENT
SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION
LOWER TIER COVERED TRANSACTION**

_____, being duly sworn (or
(President or Authorized Official of Bidder)
under penalty of perjury under the laws of the United States), certifies that, except as noted below, (the Company) or any person associated therewith in the capacity of (owner, partner, director, officer, principal investigator, project director, manager, auditor, or any position involving the administration of federal funds):

is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility under any Federal, District or State statutes;

has not been suspended, debarred, voluntarily excluded or determined ineligible by an Federal, District or state agency within the past three (3) years;

does not have a proposed debarment pending; and

has not been indicted, convicted, or had a civil judgment rendered against (it) by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years.

Exceptions will not necessarily result in denial of award, but will be considered in determining acceptability of offeror. For any exception noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in criminal prosecution or administrative sanctions.

_____	_____
Contractor	President or Authorized Official
_____	_____
Date	Title

The penalties for making false statements are prescribed in the Program Fraud Civil Remedies Act of 1986 (Public Law 99-509, 31 U.S.C. 3801-3812).

Subscribed and sworn before me this _____ day _____

At _____
City and State

Notary Seal

Notary Public

K-5

TAX CERTIFICATION AFFIDAVIT

DEPARTMENT OF FINANCE AND REVENUE
TAX CERTIFICATION AFFIDAVIT
2005

Name of Organization/Entity: _____
Address: _____

Principal Officers: _____
Name Soc. Sec. No. Title

Business Telephone: _____
Finance and Revenue Registration No.: _____
Federal Identification No.: _____
DUNS No.: _____ Contract No.: _____
Unemployment Insurance Account No.: _____

I hereby certify that:

1. I have complied with the applicable tax filing and licensing requirements of the District of Columbia.
2. The following information is true and correct concerning tax compliance for the following taxes for the past five (5) years:

District:		Current	Not Current
Sales and Use		()	()
Employer Withholding		()	()
Hotel Occupancy		()	()
Corporation Franchise		()	()
Unincorporated Franchise		()	()
Personal Property		()	()
Arena/Public Safety Fee		()	()
Vendor Fee		()	()

3. If not current, as checked in Item 2, I am in compliance with a payment agreement with the Department of Finance and Revenue _____ Yes ___ No
Attach copy of the Agreement. If outstanding liabilities exist and no agreement has been made, please attach a listing of all such liabilities.

The Department of Finance and Revenue also requires:

- (A) Copies of Form FR-532 (Notice of Registration) or a copy of an FR-500 (Combined Registration Form)
- (B) Copies of cancelled checks for the last tax period(s) filed for each tax liability; i.e., sales and use, employer withholding, etc.

The District of Columbia Government is hereby authorized to verify the above information with appropriate authorities. Penalty for making false statements is a fine of not more than \$1,000.00, imprisonment for not more than one (1) year, or both, as prescribed in DC Code Sec. 22-2514. Penalty for false swearing is a fine of not more than three years, or both, as prescribed in DC Code Sec. 22-2513.

Signature of Person Authorized To Sign This Document Title

Print Name

Notary: DISTRICT OF COLUMBIA, AS:
Subscribed and sworn before me this ____ day of _____
Month and Year

Notary Public
My Commission Expires _____

K-6

BID BOND

NOTE:

As required under D.C. Official Code 2-305.02(b) and Article 12 of Standard Contract Provisions for use with the District's Construction Contracts, each bidder must submit a Bid guarantee in the amount of 5% of the total bid price with his/her bid.

GOVERNMENT OF THE DISTRICT OF COLUMBIA

BID BOND (See Instructions on 2 nd page)	Date Bond Executed: (Must Not be Later Than Bid Opening Date)				
PRINCIPAL (Legal Name and Address)	TYPE OF ORGANIZATION ("X")				
	<input type="checkbox"/> INDIVIDUAL		<input type="checkbox"/> PARTNERSHIP		
	<input type="checkbox"/> JOINT VENTURE		<input type="checkbox"/> CORPORATION		
	STATE OF INCORPORATION				
SURETY(IES) (Name(s) and Address(es))	PENAL SUM OF BOND				
	AMOUNT NOT TO EXCEED				5% OF BID
	MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS	
	BID IDENTIFICATION				
	BID OPENING DATE		INVITATION NO.		
<p>KNOW ALL MEN BY THESE PRESENTS, that we, the Principal and Surety(ies) hereto are firmly bound to the District of Columbia Government, a municipal corporation, hereinafter called "the District", in the above penal sum for the payment of which we bind ourselves, our heirs, executors, and successors, jointly and severally; Provided that, where the Surety(ies) are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly" and "severally" only for the purpose of allowing a joint action against any or all of us, and for all other purposes each Surety bonds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.</p> <p>THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the bid identified above. NOW THEREFORE, if the Principal shall not withdraw said bid within the period specified therein after the receipt of the same, or, no period be specified, within ninety (90) calendar days after said receipt, and shall within the period specified therefore, or, if no period be specified, within ten (10) calendar days after being called upon to do so, furnish Performance & Payment Bonds with good and sufficient surety, as may be required, for the faithful performance and proper fulfillment of the Contract, and for the protection of all persons supplying labor and material in the prosecution of the work provided for in such Contract or, in the event of withdrawal of said bid, within the period specified, or the failure to furnish such bond within the time specified, if the Principal shall pay the District the difference between the amount specified in said bid and the amount for which the District may procure the required work and/or supplies, if the latter amount be in excess of the former, then the above obligations shall be void and of no effect, otherwise to remain in full force and virtue. Each Surety executing this bond hereby agrees that its obligation shall not be impaired by extension(s) of time for acceptance of the bid that the Principal may grant to the District, notice of which extension(s) to Surety (ies) being hereby waived: Provided that such waiver of notice shall apply only with respect to extensions aggregating not more than sixty (60) calendar days in addition to the period originally allowed for acceptance of the bid.</p> <p>IN WITNESS WHEREOF, the Principal and Surety (ies) have executed this bid bond and have affixed their seals on the date set forth above.</p>					
PRINCIPAL					
1. SIGNATURE		1. ATTEST		Corporate Seal	
Seal Name & Title (typed)		Name & Title (typed)			
2. SIGNATURE		2. ATTEST		Corporate Seal	
Seal Name & Title (typed)		Name & Title (typed)			

K-7

**CERTIFICATION AS TO
CORPORATION**

CERTIFICATE AS TO CORPORATION

I, _____, certify that I am _____, Secretary of the Corporation, named as Principal herein, that _____, who signed this bond, on behalf of the Principal, was then of said Corporation; that I know his signature, and his signature thereto is genuine; that said bond was duly signed and sealed for and in behalf of said Corporation by authority of its governing body, and is within the scope of its corporate powers.

Secretary of Corporation

SURETY(IES)

1. Name & Address (typed)	State of Inc.	Liability Limit	Corporat Seal
Signature of Attorney-in-Fact	Attest (Signature)		
Name & Address (typed)	Name & Address (typed)		
1. Name & Address (typed)	State of Inc.	Liability Limit	Corpora Seal
Signature of Attorney-in-Fact	Attest (Signature)		
Name & Address (typed)	Name & Address (typed)		

INSTRUCTIONS

1. This form shall be used whenever a bid guaranty is required in connection with construction, alteration and repair work.
2. Corporations name should appear exactly as it does on Corporate Seal and inserted in the space designated "Principal" on the face of this form. If practicable, bond should be signed by the President or Vice President; if signed by other official, evidence of authority must be furnished. Such evidence should be in the form of an Extract or Minutes of a Meeting of the Board of Director or Extract of Bylaws, certified by the Corporate Secretary, or Assistant Secretary and Corporate Seal affixed thereto. **CERTIFICATE AS TO CORPORATION** must be executed by Corporate Secretary or Assistant Secretary.
3. Corporations executing the bond as sureties must be among those appearing on the U. S. Treasury Department's List of approved sureties and must be acting within the limitations set forth therein, and shall be licensed by the Insurance Administration, Department of Consumer and Regulatory Affairs, to do business in the District of Columbia. The surety shall attach hereto an adequate Power-Of-Attorney for each representative signing the bond.
4. Corporations executing the bond shall affix their Corporate Seals. Individuals shall sign full first name, middle initial and last name opposite the word "seal", two witnesses must be supplied, and their addresses, under the word "attest". If executed in Maine or New Hampshire, an adhesive seal shall be affixed.
5. Names of all partners must be set out in body of bond form, with the recital that they are partners composing a firm, naming it, and all members of the firm shall execute the bond as individuals. Each signature must be witnessed by two persons and address supplied.

K-8

**CERTIFICATE OF
INDEPENDENT PRICE
DETERMINATION**

CERTIFICATION OF INDEPENDENT PRICE DETERMINATION

- A. Each signature of the Bidder is considered to be a certification by the signatory that:
- (a) The prices in this Bid have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any Bidder or competitor relating to:
 - (i) those prices
 - (ii) the intention to submit a Bid, or
 - (iii) the methods or factors used to calculate the prices in the Bid;
 - (b) The prices in this Contract have not been and will not be knowingly disclosed by the Bidder, directly, to any other Bidder or competitor before Contract opening unless otherwise required by law; and
 - (c) No attempt has been made or will be made by the Bidder to induce any other concern to submit or not to submit a Bid for the purpose of restricting competition.
- B. Each signature on the bid is considered to be a certification by the signatory that the signatory;
- (a) Is the person in the Bidder's organization responsible for determining the prices being offered in this Bid, and that the signatory has not participated and will not participate in any action contrary to subparagraphs A(a) through A(c) above; or
 - (b) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs A(a) through A(c) above:

(insert full name of person(s) in the organization responsible for determining the prices offered in this Contract and the title of his or her position in the Bidder's organization);

(ii) As an authorized agent, does certify that the principals named in subsection B(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs A(a) through A(c) above; and

(iii) As an agent, has not participated, and will not participate, in any action contrary to subparagraphs A(a) through A(c) above.

C. If the Bidder deletes or modifies subparagraph A (b) above, the Bidder must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

K-9

EMPLOYMENT AGREEMENT

EMPLOYMENT AGREEMENT

For all new employment resulting from this contract or subcontracts hereto, as defined in Mayor's Order 83-265 and implementing instructions, the Contractor shall use its best efforts to comply with the following basic goal and objectives for utilization of bona fide residents of the District of Columbia in each project's labor force:

at least fifty-one (51) percent of apprentices and trainees employed shall be residents of the District of Columbia registered in programs approved by the District of Columbia Apprenticeship Council.

The Contractor shall negotiate an Employment Agreement with the DOES for jobs created as a result of this contract. The DOES shall be the Contractor's first source of referral for qualified apprentices and trainees in the implementation of employment goals contained in this clause.

Date

Authorized Signature

K-10

CERTIFICATION UNDER “BUY AMERICAN ACT”

BUY AMERICAN CERTIFICATION

The Bidder hereby certifies that each end product, except the end products listed below, is a domestic end product, and that components of unknown origin are considered to have been mined, produced, or manufactured outside the United States.

_____ EXCLUDED END PRODUCTS

_____ COUNTRY OF ORIGIN