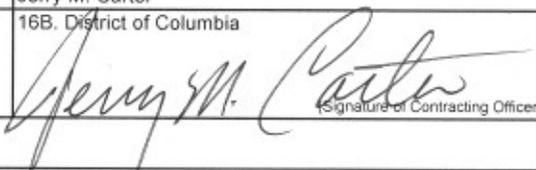


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 of 11	
2. Amendment/Modification Number No. 4		3. Effective Date See Block 16C		4. Requisition/Purchase Request No.	
5. Solicitation Caption: Construction of Anacostia Initial Line Segment and the Operation and Maintenance Facility, and Reconstruction of Firth Sterling Avenue					
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.	
				10B. Dated (See Item 13)	
Code		Facility			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>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 11 of this Amendment, and Amendment No. 4 becomes part of the Contract Documents and consist of Items 4-1 through 4-35.					
Note: Q&A No. 2 is attached to this Amendment No. 4.					
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		16C. Date Signed
(Signature of person authorized to sign)					7/18/2008
			(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. 4
Issued July 18, 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. 4. Failure to do so may result in rejection of your bid.

Item 4-1 SECTION B: CONSTRUCTION

Reference Section B.3

DELETE Section B.3.1, which reads “Streetcar tracks, and turnouts”, and **REPLACE** with the following:

“B.3.1 Streetcar tracks and turnouts (including bolts and spring washers).”

Item 4-2 SECTION B: CONSTRUCTION

Reference Section B.3

ADD the following language at the end of Section B.3:

“The OCS poles are located at the DDOT Warehouse identified above. The streetcar tracks, turnouts, and substation equipment are located at Gallatin St NE & 6th Pl NE, Washington D.C. 20017.”

Item 4-3 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 8RR through 33RR, and attached hereto as Attachment A4-3.

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

Item 4-4

SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.36 PORTABLE CHANGEABLE MESSAGE SIGN: 616 110 (CLIN #1330)

ADD the following to Section C.36:

“C.36.1 Measure and Payment

The unit of measure for the specified Portable Changeable Message Signs will be each.

Payment for each Portable Changeable Message Signs furnished and installed by the Contractor shall include all labor, materials, equipment, tools, and incidentals necessary to accomplish the work.”

Item 4-5

SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.55.4.h HDPE CONDUIT

DELETE Section C.55.4.h in its entirety.

Item 4-6

SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.64 AS-BUILT DRAWING Item 108 004 (CLIN #0190)

DELETE reference to “CLIN #0190”, and **REPLACE** with “CLIN #0200”.

Item 4-7

SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.67 STREETCAR TRACKS CROSSING CSX RAILROAD TRACK, Item 000 506 (CLIN #0040)

ADD the following after Section C.67.1.b:

“C.67.2 MEASURE AND PAYMENT

Payment will be made at the unit price stipulated under CLIN #0040 for each linear foot of CSX railroad track, crossties and ballast removed under this contract, and payment will include all labor, supervision, materials, equipment, insurance, tools and incidentals necessary to complete the work.”

Item 4-8

SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.68 PEDESTRIALS CROSSING CSX
RAILROADTRACK, Item 000 506 (CLIN #0050)

ADD the following after Section C.68.1:

“C.68.2 MEASURE AND PAYMENT

Payment will be made at the unit price stipulated under CLIN #0050 for each linear foot of CSX railroad track, crossties and ballast removed at pedestrian crossings under this contract, and payment will include all labor, supervision, materials, equipment, insurance, tools and incidentals necessary to complete the work.”

Item 4-9 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.80.1 MATERIALS

DELETE reference to “CLIN #0040”, and **REPLACE** with “CLIN #0030”.

Item 4-10 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.83 OCS POLE FOUNDATIONS, Item No. 618992 (CLIN 0080, 0090, & 0100, 0110)

DELETE reference to “Item No. 618992”, and **REPLACE** with “Item No. 000506”.

Item 4-11 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.85 PAVED TRACK, Item No. 000 506 (CLIN #0140)

DELETE reference to “Item No. 000506”, and **REPLACE** with “Item No. 000509”.

Item 4-12 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.85.4 SUBMITTALS

DELETE the first sentence of Section C.85.4.j, which reads “The contractor shall submit shop drawings for rails that will be curved”, and **REPLACE** with the following sentence:

“DDOT will provide the contractor with shop drawings for rails that will be curved.”

Note: The District is responsible for purchasing the precurved rails, not the Contractor.

Item 4-13 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.85.6 MATERIALS FURNISHED BY DC DOT

ADD the following to Section C.85.6:

“Straight rail length is nominal 60-feet, with up to 10% shorts allowed, and curve length may vary. All curves of 500 feet radius or less will be pre-curved. All pre-curved rails will be Ri59.”

Bidders should cross-reference Section C.85.6 and this amendment item with Section C.86.5 (Materials to be Furnished by the District) and Item 4-17 below.

Item 4-14 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.85.22.(d) Distressing Rail

DELETE Section C.85.22.d.i in its entirety, and **REPLACE** with the following:

“i For distressing purposes, the rail will be considered to be fastened when the concrete is placed and reaches its initial set. Rail zero stress (neutral) temperature at final closure and fastening shall be 70 °F ± 20 °F.”

Item 4-15 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.85.25 Bonded Insulated Joints

DELETE Section C.85.25 in its entirety. All references to “bonded insulated joins” shall be deleted from this contract.

Item 4-16 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.85.35.a and b Paved Track

DELETE the last sentence in Sections C.85.35.a and C.85.35.b, which reads “Payment for saw cutting and excavation for Paved Track is

included in the “Trackway Excavation” bid item as stated in Section 00641”, and **REPLACE** with the following:

“Payment for saw cutting and excavation for Paved Track is included in the Hard Surface Pavement Excavation bid item as stated in CLIN #0230, and in accordance with the Article 202.03 (Hard Surface Pavement Excavation) of the Standard Specifications for Highways and Structures, 2007 Edition.”

Item 4-17 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.86.5 Materials to be furnished by the District

ADD the following to Section C.86.5.a:

“Rail lengths are nominal 60 feet with maximum of 10% shorts, and are manufactured by VAE Nortrak North America, Inc. DDOT will provide all support plates, concrete anchor embeds, anchors, bolts, joint bars, and all miscellaneous nuts, bolts and washers and other hardware necessary to allow the Contractor to install turnouts. Joint bars are used only where Ri52 is joined to Ri59.

Transition rails from Ri52 to Ri59 will be furnished by the District and installed by the Contractor”

ADD the following after Section C.86.5.d:

“(e) Standard plates for 25 M turnouts.”

Item 4-18 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.86.6 Materials to be furnished by the Contractor

DELETE Section C.86.6.c, which reads “Field fabricated Bonded Insulated Joints shall be in accordance with Section C.86.”

DELETE Section C.86.6.c, which reads “Welding Kits for Ri59 and Ri52 rail sections”, and **REPLACE** with the following:

“(c) Welding kits for Ri59 and Ri52 rail sections and welding kits for Ri52 and 115RE rail sections.”

DELETE Section C.86.6.f in its entirety.

DELETE Section C.86.6.h in its entirety.

DELETE Section C.86.6.j in its entirety. All reference to crossing diamonds shall be deleted from the IFB documents.

ADD the following subsection:

“(l) Transition rails from Ri52 to 115RE shall be furnished and installed by the Contractor.”

Item 4-19 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.86.23 Payment

DELETE reference to “Crossing Diamond per AREMA” and “Crossing Sidewalk” under Section C.86.23.b (Pay Item).

Note: All reference to crossing diamonds shall be deleted from the IFB documents.

Item 4-20 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.93.1 DESCRIPTION

DELETE the word “exclusive” in the first sentence, and **REPLACE** with the word “inclusive”, so that the sentence reads “...PEPCO work inclusive of the Temporary Lighting...”

Item 4-21 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.94 POLE MOUNTED CCTV CAMERA AND POLE, Item No. 618997 (CLIN #2370)

DELETE the title of Section C.94 in its entirety, and **REPLACE** with following title:

“C.94 POLE MOUNTED CCTV CAMERA AND DOME, Item No. 618997 (CLIN #2380).”

Note: Payment will be made at the unit price of “EACH” for each set of CCTV camera and Dome provided and installed.

Item 4-22 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.97 PLATFORM LEANING RAILS, Item No. 609993 (CLIN #0170)

DELETE reference to “Item #609993”, and **REPLACE** with “Item #000509”.

Item 4-23 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.103 CONDUIT AND UNDERGROUND DUCTBANK, Item 618993 (CLIN 2030, 2040 and 2050)

DELETE the title of Section C.103 in its entirety, and **REPLACE** with the following title:

“C.103 DUCTBANK – TRACTION ELECTRIFICATION, Item 618993 (CLIN 2080, 2090 and 2100)”

Item 4-24 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.104 MANHOLES AND HANDHOLES, Item No. 618992 (CLIN #2100)

DELETE reference to “CLIN #2100”, and **REPLACE** with “CLIN #2110”.

Item 4-25 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.107 TRACTION POWER SUBSTATION INSTALLATION, Item 618992 (CLIN 2090 and 2100)

DELETE the title of Section C.107 in its entirety, and **REPLACE** with the following title:

“C.107 INSTALLATION OF PRE FABRIC SUBSTAION (MAINLINE), AND INSTALLATION OF SUBSTATION EQUIPMENT IN PLACE (MAINTENANCE FACILITY), Item 618992 (CLIN # 2060 and 2070).”

Item 4-26 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.107.5.c Installation of Substation Equipment

ADD the following sentence to Section C.107.5.c.ii:

“DDOT shall be responsible for the cost associated with the manufacturer’s field service engineer. The Contractor shall not be entitled to any additional compensation for the work of installing, wiring, testing and starting-up the substations.”

Item 4-27 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.107.11 Measurement and Payment

DELETE Section C.107.11.c (Payment will be made under) in its entirety, and **REPLACE** with the following:

“(c) Payment will be made under

<u>Item Number</u>	<u>Description</u>	<u>Pay Unit</u>
618992	Mainline Substation Installation	Each
618992	Maintenance Facility Substation Installation	Each”

Item 4-28 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.107

ADD the following after C.107.11.c:

“C.107.12 Substation Supplier

Powell Electrical Manufacturing Company
8967 Pleasantwood Avenue NW
North Canton, OH 44720”

Item 4-29 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.108 OVERHEAD CONTACT SYSTEM, Item No. 618992, 618993 (CLIN 2090 - 2300)

DELETE reference to “CLIN 2090 - 2300”, and **REPLACE** with “CLIN 2140 - 2290”.

Item 4-30 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.110 TRAIN TO WAYSIDE COMMUNICATION SYSTEM, Item 618992 (CLIN 2070)

DELETE reference to “CLIN 2070”, and **REPLACE** with “CLIN 2120”.

Item 4-31 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.110 TRAIN TO WAYSIDE COMMUNICATION SYSTEM

ADD the following at the end of Section C.110.2.a:

“The carborne portion of the TWC system was manufactured by Hanning & Kahl, and their North American representative is CosmoRail, Inc., 1123 Morrison Heights Drive, Oakville, On, Canada L6J 4H9”.

Item 4-32 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.111 SWITCH CONTROLLER, Item 618992 (CLIN 2080)

DELETE reference to “CLIN 2080”, and **REPLACE** with “CIN 2130”.

Item 4-33 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.111 SWITCH CONTROLLER, Item 618992
Reference Amendment No. 4, Item 4-32

ADD the following after C.111.2.(a):

- “1 Powered
 - Maintenance Yard Entrance (Station 1000+00)
 - South Capitol & Firth Sterling (Station 138+74)

- Manual
 - Bolling AFB Station
 - Maintenance Yard Track (Station 1003+00)
 - Maintenance Yard Track (Station 1004+00)
 - Anacostia Station”

Item 4-34 SECTION C: SCOPE/SPECIFICATIONS/DRAWINGS

Reference Section C.113 TRACK ELECTRICAL TESTING, Item 618992 (CLIN 2070)

DELETE reference to “CLIN 2070”, and **REPLACE** with “CLIN 2370”.

Item 4-35: CONTRACT DRAWINGS

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

<u>Current Drawings</u>	<u>New Drawings</u>
G-06	G-06R
G-07	G-07R
T-30	T-30R
T-31	T-31R
T-32	T-32R
T-33	T-33R

S-03	S-03R
S-04	S-04R
S-05	S-05R
S-06	S-06R
S-07	S-07R
S-08	S-08R
SM-02	SM-02R
SM-03	SM-03R
SM-04	SM-04R
SM-05	SM-05R
SM-06	SM-06R

All new drawings are incorporated herein by reference, and can be obtained from the Bid Room at the address listed below:

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

Note: Revised drawings will be mailed to Plan Holders.

SCHEDULE OF ITEMS

DATE:

REVISED: 7/18/08

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 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			

SCHEDULE OF ITEMS

DATE:

REVISED: 7/18/08

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
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.

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
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	CY	.	.	.
0270	207002 TRENCH EXCAVATION AND BACKFILL	3600.000 CY	CY	.	.	.
0280	207004 TRENCH UNDERCUT EXCAVATION	6400.000 CY	CY	.	.	.
0290	207006 GRAVEL FOR TRENCH UNDERCUT	3350.000 CY	CY	.	.	.
0300	207008 BORROW TRENCH BACKFILL	2230.000 CY	CY	.	.	.

SCHEDULE OF ITEMS

DATE:

REVISED: 7/18/08

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
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

DATE:

REVISED: 7/18/08

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
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	VLFF 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	.		.	

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
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	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/18/08

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

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

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			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	.		.	

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			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	.		.	

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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	.		.	

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			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	.		.	

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			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	.		.	

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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	EACH 4.000	.		.	
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	.		.	

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			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 AND 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 4 SECTION CONVENTIONAL TRAFFIC SIGNAL HEAD ON A MAST ARM (ALL LENSES 12")	15.000 EACH	.		.	

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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	.		.	

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			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	.		.	

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			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	.		.	

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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.

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			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.

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			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	.		.	

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			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.

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			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 28'-6" FOOT STEEL PENDANT POLE WITH UP TO 8 FOOT ARM	12.000 EACH	.		.	

SCHEDULE OF ITEMS

DATE:

REVISED: 7/18/08

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: 7/18/08

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			.		.	

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.2

Issued July 18, 2008

Q.1 CLIN 630 – Pay Item 500 008 – Concrete Retaining Wall

Pay Item in Schedule of Prices is by the Square Yard. Blue Book Measure and Payment for this item is the Cubic Yard. If by the Square Yard, please define the method of measurement. There is no wall design in the plans, only a detail.

A.1 Reference Amendment No. 2, Item 2-5.

Q.2 CLIN 840 – Pay Item 609 096 – Granite Transition Curb

Please identify this curb and provide details for its fabrication.

A.2 Reference DDOT Standard Drawings 609.06 and 504.01, and Contract Drawings T-33 and T-34. At platform, curbs shall be transition from 7” to 14”.

Q.3 There is no Pay Item for the erection of the DDOT furnished OCS poles.

A.3 Reference CLIN #2140 and 2150.

Q.4 The plans call for a “9” standard concrete coping along the west side of South Capitol Street throughout its entire length. This work should actually be curb, not coping.

A.4 Reference DDOT Standard Drawings 602.06 and Contract Drawings T-33 for information pertaining to 9” coping detail.

Q.5 Per Spec. section C.86.6 we are to furnish Anchor bolt assemblies for the turnouts. Can you provide the turnout plate quantity and arrangement that you are furnishing and how many anchor bolts are required per plate? Also we are to

- furnish Standard plates for the M25 Turnouts. How many standard plates are required per turnout?
- A.5 Reference Amendment No. 4, Items 4-17 and 4-18.
- Q.6 What lengths of Ri59 and Ri52 will be furnished?
- A.6 Reference Amendment No. 4, Items 4-17 and 4-18.
- Q.7 Specification section C.85.22 (d), Distressing Rail. Please provide a procedure for distressing rail installed in a rubber rail boot.
- A.7 Reference Amendment No. 4, Item 4-14.
- Q.8 The storm drain profiles identify runs of pipe where 15" Class III RCP is to be utilized however there is no bid item for Class III RCP. Furthermore, the quantity for Item 0560 reflects all proposed 15" RCP to be class IV. Please clarify.
- A.8 Pipes shall be Portland Concrete Pipes (PCC). Reference CLIN #0390 and 0400 for the PCC Class III, and CLIN #0560 for PCC Pipe Class IV Gasket.
- Q.9 The typical sections for Firth Sterling Avenue depict curb shown on both sides of the street but do not indicate whether it should be granite or PCC. Please clarify.
- A.9 All new street and platform curbs on Firth Sterling Avenue shall be granite.
- Q.10 Could DDOT please explain the purpose for Item 0240 - Demolition? What scope of work does this item include and on what plan sheets can this work be found?
- A.10 Removal of abandoned pipes, manholes, poles, pole base, fencing, trash, tires, construction debris, miscellaneous items, etc., from the track path and associated work off South Capitol Street and the Maintenance Yard. Also, please reference Amendment No. 4, Item 4-3 (revisions to CLIN #0240).
- Q.11 Plan sheet 43 was missing from our set of plans. Could DDOT please provide this plan sheet?

A.11 A copy of Drawing No. T-17 (sheet 43 of 395) can be provided to any Plan Holder upon written request to the Contract Specialist, Neville Daley, at the following e-mail address: neville.daley@dc.gov.

Q.12 Plan sheet 22 has a note that states "*All hard surface removal including concrete pavement, curb and gutter, coping, etc. as described in D.C. Standard Specification 202.03 shall be incidental to pay item 202.002 Common Excavation*" and D.C. Standard Specification 202.02 states that this holds true if no item for Hard Surface Pavement Excavation is provided but, DDOT has provided an item for this work already (Item 0230 - Hard Surface Pavement Excavation). Please clarify.

A.12 Bidders shall use CLIN #0220 for work related to common excavation and CLIN #0230 for work related to hard surface pavement excavation, as required by the bid documents (Schedule of Items, etc.).

Q.13 Please clarify what is meant by section L.5.1 "Each bidder shall return the complete solicitation as its bid".

1.Question: Does this mean the entire Volumes 1 of 2 and 2 of 2 spec books and plans?

OR.....

Is there a separate booklet containing bid documents that was not distributed with the original plans and specs that is to be submitted for this project? If so, will copies be distributed to all contractors who purchased plans and specs?

2.How many copies of proposal are to be submitted? Page 5 of Standard Form A, Block 10 states "original plus 1 copy" and page 409, L.5 states that "one (1) signed original plus two (2) copies of the bid are to be submitted ".WHICH IS CORRECT?

A.13 Reference Amendment No. 2, Items 2-3 and 2-31.

Q.14 Volume I – Page 109 list a procedure for distressing rail. We have never seen a distressing procedure for embedded track and do not [know] of any procedure for meeting these specifications. The rail will essentially be like the rebar with nothing to prevent thermal movement until encased in concrete. Please advise.

A.14 Reference Amendment No. 4, Item 4-14.

- Q.15 Volume I – Page 103 says we are to provide shop drawings for all precurved rails. As you have already purchased the precurved rails, we assume the shop drawings were done during this process. Is this correct?
- A.15 Reference Amendment No. 4, Items No 4-12 and 4-13.
- Q.16 Volume I – Page 103 [116 not 103] says “crossing diamonds shop drawing to be designed and submitted for approval to COTR before installation.” Where do these diamonds go and where is the bid item?
- A.16 Reference Amendment No. 4, Items No 4-18 and 4-19.
- Q.17 There are casual references in Volume I to furnishing 115RE rail for inside the building. On the drawings there appears to be some Posted Track and some embedded track. Is this contract responsible for the trackwork in the building? If so, where are the bid items and quantities for Posted Track and Building Embedded Track? Where is the complete list of materials we are to furnish?
- A.17 The Contractor shall be responsible for purchasing and installing all 115RE Rails trackwork inside the building. The trackwork shown as part of the support rail system within the pit (part of line #2) is to be compensated under CLIN #2570 – Division 5. The Contractor shall be compensated for purchasing and installing the building’s imbedded trackwork for Line #1, the remaining parts of Line #2, and Line #3. Payment for trackwork in CLIN #1200 and CLIN #1310 will be made at the contract unit price per linear feet of 115RE Rails furnished and installed. Also, see changes to CLIN #1200 and 1310 under the revised Schedule of Items.
- Q.18 The standard gauge for trapezoidal standing seam roof systems is 24 gauge, not the 22 gauge noted in specification section 13125. Please advise.
- A.18 Contract requirements shall remain in effect.
- Q.19 Reference Specification Volume 1, Section B – Schedule of Items: Line Item #2640 – Division 12 Furnishings is listed as Not Applicable under Approx. Quantity and Units, Unit Price and Bid Amount. Volume 2, Technical Specifications includes Sections 12481 – Entry Mats, 12491 – Horizontal Louver Blinds and 12500 – Furnishings. Please advise if we are to include any of the division 12 requirements and if so, where they are to be listed on the Schedule of Items.
- A.19 Reference Amendment No. 2, Item 2-5, for changes to CLIN #2640.

- Q.20 Reference Specification Volume 1, Section J, Attachment J.4: This section contains two (2) Wage Determinations – General Decision Number DC80001 and General Decision Number DC80003. Is the DC80003 to be used only for the Maintenance Facility work? Please clarify.
- A.20 As stated on the respective wage determinations, DC80001 is for work related to “Heavy and Highway construction”, and DC80003 is for work related to “Building Construction”.
- Q.21 What building code is being used and what are the loads? Please verify LL, WL, Ground snow, wind exposure, collateral auxiliary, etc.
- A.21 Reference Contract Drawing MF-S100.
- Q.22 Is the canopy with the EPDM roof loaded to the building? If so, what is the load imparted to the columns?
- A.22 Reference load criteria on Contract Drawing MF-S100, and apply it during the computer analysis of the building frame, thus providing overall design reactions.
- Q.23 Are there any roof and wall panel specifications? Are standard panels to be used?
- A.23 Reference Section 13125, Article 3.4 (Wall Covering Systems) and Article 3.8 (Roof Systems) for roof panels.
- Q.24 Please provide a dimensional layout of the mezzanine and work platforms. What are the dead loads, live loads, support column locations, and flooring materials?
- A.24 Reference to Structural (“S” series) Drawings, particularly Drawing MF-S203 for layout.
- Q.25 Who provides the “Services Support Channel” (A302)? Please provide information on this support.
- A.25 Reference Section 16050, Article 2.5

Q.26 Are the masonry walls around the perimeter of the building self supported? (i.e. no masonry beam needed)

A.26 Reference Drawings MF-S201, S302 and S401.

Q.27 Section C.111.2.a states 2 switch controllers shall be installed at the following locations:

- Maintenance Yard Entrance (Station 1000+00) - Designed Sheet E-01 and Section C.111.2.a
- South Capitol & Firth Sterling (Station 138+74) – Designed Sheet E-02 and Section C.111.2.a

What type of switch controllers will be utilized at the following locations?

- Bolling AFB Station
- Maintenance Yard Track (Station 1003+00)
- Maintenance Yard Track (Station 1004+00)
- Anacostia Station

A.27 Reference Amendment No. 4, Items 4-32 and 4-33.

Q.28 Section 0002 on the bid form. Where are we to put the costs for the Track Work, and associated items, which goes inside the Maintenance Building? There appears to be no provision for this. We assume that item 0140 accounts for the Track Work outside the building.

A.28 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.

Q.29 Bid item # 0630, Concrete Retaining Wall.
Is the quantity of 1,660 SY correct? We cannot locate new retaining walls amounting to this quantity on the plans and cross sections.

A.29 Reference Amendment No. 2, Item 2-5.

Q.30 Bid item # 0660, PCC Pedestrian Island.
Is this quantity for the median islands shown on sheets T-11 and T-12? There are no callouts shown on the drawings as for the other items.

A.30 Yes, but the estimated quantity of Bid Item No. 0660 is not limited to the work shown on Drawings T-11 and T-12.

Q.31 Bid item # 0670, Standard PCC Coping, 9 inch high.
Is this quantity correct? Quantity survey of the plans and cross sections does not provide enough linear footage to utilize a quantity of concrete this large.

A.31 Reference Amendment No. 2, Item 2-5.

Q.32 Bid items # 0080 thru 0110, OCS Pole foundations.
The bid form quantities and the quantities implied on the OCS pole schedules (sheets S-03 thru S-08) do not match. Does the bid form govern?

A.32 Reference Amendment No. 4, Items 4-3 (revised Schedule of Items) and 4-35 (revised Drawing No. S-03R through S-08R).

Q.33 The contract specifications reference the Standard Specifications, Blue Book, 2007 Edition. The Office of Contracting and Procurement (Bid-Room) personnel have indicated that they are not aware of this addition. They stated that the current Blue Book Edition is the August 2005 with a 2007 supplement that was posted on the DDOT website. Please confirm.

A.33 Reference Amendment No. 2, Item 2-6.

Q.34 REFERENCE: Page 50 – C.34 Reflective Tape Lane Marking
REFERENCE: Page 18 – Schedule of Items – CLIN 1200 (616031) White Reflective Tape Pavement Marking, 12 inch, CLIN 1210 (616033) Double-Faced Yellow 4” Thermoplastic Pavement Marking and CLIN 1220 (616035) Single-Faced Yellow Thermoplastic Pavement Marking

Question – In the Schedule of Items, CLIN 1200, 1210 and 1220 are identified with a designation of “each” under the quantity/units column. C.34 Measure and Payment requires a “linear foot” unit of measurement. If required, please provide measurement in units of linear feet.

A.34 Reference Amendment No. 2, Item 2-5.

Q.35 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 provide a measure or payment for the signs. Please provide clarification on this issue.

A.35 Reference Amendment No. 4, Item 4-4.

Q.36 REFERENCE: Page 54 – C.43 Clean PCC Pipe
REFERENCE: Page 12 – Schedule of Items – CLIN 0510 (311065) Clean PCC Pipe

Question – C.43.2 and C.43.3 Measure Payment depict a “linear feet” unit of measurement. CLIN 0510 in the Schedule of Items depicts a unit of measurement of “each.” Should this item requires a “linear foot” unit of measurement. If required, please provide the measurement in units of linear feet.

A.36 Reference Amendment No. 2, Item 2-5.

Q.37 REFERENCE: Page 55 – C.46 Rebuild Manhole
REFERENCE: Page 12 – Schedule of Items – CLIN 0480 (311022) Rebuild Sewer Manhole

Question –In the Schedule of Items, CLIN 0480 is identified with a designation of “linear feet” under the quantity/units column. C.46.2 Measure and Payment requires a unit price per each. If required, please provide a count of each unit.

A.37 Reference Amendment No. 2, Item 2-12, and cross-reference Items 2-5 and 2-15.

Q.38 REFERENCE: Page 56 – C.48 Granite Banding, Edging and Curb
REFERENCE: Page 15 – Schedule of Items – CLIN 0780 (608016) Replace PCC Sidewalk,4 inch

Question – C.48 Granite Banding, Edging and Curb includes CLIN 0780 Replace PCC Sidewalk, 4 inch. In the Schedule of Items, CLIN 0780 is identified with a designation of “square yards” under the quantity/units column. C.48 requires a Measure and Payment of price per linear feet. If required, should CLIN 0780 be moved to C.47 Sidewalk, 4 inch?

A.38 Reference Amendment No. 2, Item 2-16, and cross-reference Item 2-19.

Q.39 REFERENCE: Page 59 – C.49 Metal Sign Post
REFERENCE: Page 30 – Schedule of Items – CLIN 2390 (620002) Timber Ground Mounted Sign Post 4X4

Question – C.49 provides specific instructions for metal sign posts Item 620 041. In the Schedule of Values, CLIN 2390 refers to a timber sign post. Please provide clarification of specification instructions for CLIN 2390 timber sign posts.

A.39 These are two (2) different pay items. Reference Amendment No. 2, Items 2-5 and 2-21, for changes to CLIN #2400 (Section C.49), and Reference Section 620.01 (Wood Sign Posts) of the Standard Specifications for Highways and Structures, 2007 Edition, Division 600 (Incidental Construction), for information pertaining to CLIN 2390.

Q.40 REFERENCE: Page 88 – C.67 Streetcar Tracks Crossing CSX Railroad Track
Question – C.67 does not include a Measure and Payment section. Please provide.
ITEM 10

A.40 Reference Amendment No. 4, Item 4-7.

Q.41 REFERENCE: Page 89 – C.68 Pedestrian Crossing CSX Railroad Track
Question – C.68 does not include a Measure and Payment section. Please provide.

A.41 Reference Amendment No. 4, Item 4-8.

Q.42 REFERENCE: Page 89 – C.69 Track Bumping Posts
REFERENCE: Page 8 - Schedule of Items – CLIN 0060 (000506) Unassigned
Special Item-Each- Track Bumping Post

Question – C.69 specifies of the contract documents does not state the installation of two track bumping posts at Beginning Station and two track bumping posts at the End Station. In the Schedule of Items, CLIN 0060 has a designation of “3 each” under the quantity/units column.

Should the quantity change to reflect the additional post?

A.42 Reference Amendment No. 2, Item 2-29.

Q.43 REFERENCE: Page 89 - C.70 Retaining Concrete Walls
REFERENCE: *August 2005 Standard Blue Book – 602.01.D(2) Minor Structures-
Measure and Payment- Concrete Walls*
REFERENCE: Page 13– Schedule of Items — CLIN 0630 (500008) Concrete
Retaining Wall (2060 & 2070)

Question – The August 2005 Standard Blue Book – 602.01.D(2) identifies a unit of measurement in cubic yards. In the Schedule of Items, CLIN 0630 is identified with a designation of “square yards “under the quantity/units column. Please provide clarification for this issue.

A.43 Reference Amendment No. 2, Item 2-5, for changes to CLIN #0630.

Q.44 REFERENCE: Page 187 – C.107 Traction Power Substation Installation Item 618992 (CLIN 2090 and 2100)
REFERENCE: Page: 27 –Schedule of Items – CLIN 2060 (618992) & CLIN 2070 (618992)

Question: The CLIN numbers referenced in C.07 and on the Schedule of Items do not match. Please clarify

A.44 Reference Amendment No. 4, Items 4-25 and 4-27.

Q.45 REFERENCE: Page 187 – C.107 Traction Power Substation Installation Item 618992 (CLIN 2090 and 2100)

Question: The contract documents state that DDOT has/will purchase the required substation for this project. Please provide the manufacturers contact information so that the bidder can obtain the required information to price this item accordingly.

A.45 Reference Amendment No. 4, Item 4-28.

Q.46 REFERENCE: Page 187 – C.107.5 (c) Traction Power Substation Installation Item 618992 (CLIN 2090 and 2100)

Question: Section C107.5 (c) ii states that the substation shall be installed under the supervision of the manufacturer’s field service engineer. Is the contractor responsible for obtaining for this service or is this service included in the purchase of the equipment (purchased by DDOT)

A.46 Reference Amendment No. 4, Item 4-26.

Q.47 REFERENCE: Page 187 – C.107.11 (c) Traction Power Substation Installation Item 618992 (CLIN 2090 and 2100)

Question: The last item in the Measurement of Payment is “Installation” EA. Please provide additional description on this item.

A.47 Reference Amendment No. 4, Item 4-27.

Q.48 REFERENCE: Page 210 – C.110.2(a) Train To Wayside Communication System

Question: Please provide the manufacturer's model number and contact information for the existing Anacostia Streetcar carborne system so that the bidder can obtain the required information to price this item accordingly.

A.48 Reference Amendment No. 4, Items 4-30 and 4-31.

Q.49 DC IS FURNISHING TURNOUTS, RI 52 RAIL AND RI 59 RAIL

PLEASE PROVIDE THE LENGTHS OF EACH RAIL AND ANY ADDITIONAL INFORMATION ON THE RAIL? WHO SUPPLIED THE RAIL?

A. IS ANY OF IT PRE CURVED?

B. IS IT MARKED AS TO LOCATION?

C. RAIL # IF PRE CURVED?

A.49 Reference Amendment No. 4, Item 4-13 for additional information on the rail and supplier. All curves 500' radius or less will be pre curved by the rail supplier. Reference Drawings T-01, T-06, T-07, T-09, T-10, T-13 and T-14 for additional information/details on pre curved rails, including track curve data and curve numbers.

Q.50 TURNOUTS

A. WHAT IS PROVIDED WITH THE TURNOUT?

B. WHO MANUFACTURED THE TURNOUTS?

C. DO YOU HAVE A DRAWING FOR THE PLATING FOR THE TURNOUTS?

D. IN THE TUB FOR THE TURNOUTS DO YOU REQUIRE THE MEMBRANE, PAINTING THE RAILS & RAIL BOOT?

E. ARE THE FROGS & SWITCH ASSEMBLIES TO BE WELDED IN THE TRACK SYSTEM?

A.50 Reference Amendment No. 4, Items 4-1 and 4-17, for information pertaining to the Turnout and its manufacturer.

Turnout shop drawings showing special plates will be furnished to the successful bidder.

There is no requirement to paint rails or rail boot. Reference Drawings T-38 and T-39 (Note #4) for information pertaining to welding of frogs and switch assemblies to the track system.

Q.51 DO YOU HAVE A DRAWING FOR THE TRACK SHOWING THE LOCATION OF THE DIFFERENT SIZES OF THE RAIL?

A.51 There are no drawings specifically showing the different rail sizes. Pre-curved rails and turnouts will be Ri59. Other rails will be Ri52, except in the shop where 115RE will be utilized.

Q.52 DO YOU HAVE A DRAWING SHOWING THE DETAILS OF THE TRACK IN THE BUILDING?

A.52 Reference Drawings MF-S401 and MF-S402.

Q.53 DO YOU HAVE A MANUFACTURER FOR THE TRACK DRAINS?

A.53 It is the responsibility of the bidder to select a qualified manufacturer.

Q.54 Can you please provide a detail of the track structure that is located in the Maintenance Building.

A.54 Reference Drawing MF-S401 and MF-S402. Reference Drawing T-34 for information pertaining to rail typical section of Ri52 and Ri59.

Q.55 What is the location of the yard where the rail, turnouts & precurved rail is stored?

A.55 Reference Amendment No. 4, Item 4-2.

Q.56 Are the 3/4" x 10" bolts & spring washers supplied with the turnout plates?

A.56 Reference Amendment No. 4, Items 4-1 and 4-17.

Q.57 line no. 1210 - item no. 616033 - the quantity has been changed and reflects LF - the description does not clearly identify the type of marking - there is no such striping item as "double-faced 4 inch thermoplastic" double faced is a description for pavement marker lense type. and if the item is for raised pavement markers, the amount (5270) is far more markers than could possibly be utilized on a job of this size.

A.57 Reference Amendment No. 4, Item 4-3 (changes to description of CLIN #1210).

- Q.58 line no. 1220 - item no. 616035 - the quantity has been changed and reflects LF - the description does not clearly identify the type of marking - there is no such striping item as "single faced thermoplastic pavement marking" single faced is a description for pavement marker lense type and if the item is for raised pavement markers, the amount (1300) is also far more markers than could possible be utilized on a job of this size. If this is a thermoplastic pavement marking item, there is no width given to describe the size of the marking being requested.
- A.58 Reference Amendment No. 4, Item 4-3, for changes to the description of CLIN #1220.
- Q.59 line no. 1290 - item no. 616052 - thermoplastic pavement letter uses the word inch in the description column and shows the quantity in units of LF. Pavement letters are bid as "each".
- A.59 Reference Amendment No. 4, Item 4-3, for changes to CLIN #1290.
- Q.60 Reference specification section C.110.10.iii.b.; this paragraph discusses providing adequate capacity for described I/O functions. In this usage, does capacity refer to provided and installed I/O that are not used at the time of commissioning, or does it refer to adequate card cage space to accommodate the future installation of I/O?
- A.60 Provide for future installation. Section C.110.10(a) states "Each interrogator rack must contain sufficient backplane wiring, power supply capacity, and spare printed-circuit board socket capacity." Section C.110.10(b) states "as described above" for each loop.
- Q.61 Reference specification section C.111.8.a; this paragraph states that the owner will provide the switch heaters for the project and that the contractor will provide the switch heater controls. Can the owner provide the manufacturer and model of the switch heaters and/or provide the electrical characteristics of the switch heaters?
- A.61 The heaters are supplied by VAE Nortrak North America, Inc.. We anticipate the heaters to be 230Vac, 1200 W.
- Q.62 Reference specification section C.111.13.a; this paragraph describes the 'normal' position of the switch and the aspect to be provided over a normal switch. It is

assumed that the switch will normally be lined to allow southbound movements onto what is designated as the INBOUND TRACK on drawing E-02. Is this assumption correct?

A.62 Yes. Normal movement, in this context, shall be with a diverging position of the switch.

Q.63 Reference specification section C.111.14; this paragraph defines furnishing all labor, materials, tools, equipment and incidentals. Does this include test equipment such as an interrogator tester and a transponder tester? Does this include spares?

A.63 Test equipment and spare parts are not required under this contract.

Q.64 Drawing E-02 shows several loops, TWC013, TWC014, TWC015, TWC012 and signal TS012 that are not described in the operational discussion in C.111.13. Can a description of the expected operation for these loops be provided?

A.64 Reference Section C.110.13. These loops are for signal pre-emption.

Q.65 Drawing E-04 shows several loops and a train signal; however, no operational description is provided. It is assumed that they are for traffic pre-emption only. Can this assumption be confirmed and/or an operational description provided?

A.65 Reference Section C.110.13. These loops are for signal pre-emption.

Q.66 Would you please provide me with the address of the project we are bidding as well as the Ward?

A.66 Reference Section C.1.2.

Q.67 Drawing numbers T-08, T-09 and T-11 through T-13 depict work to be completed that either crosses and/or is adjacent to the CSX Railroad tracks.

- a. Is there a railroad insurance requirement?
- b. If so, please provide the daily train counts to the contractors which are required for the contractor to price the required railroad insurance.

A.67 CSX Railroad tracks in this area are not operable.

- Q.68 Drawing numbers T-30 and T-31 depict the typical sections for the railway work and roadway work, respectively. All typical sections illustrate the use of geotextile fabric placed on subgrade covered with six inches (6") of an aggregate base course. Could the Department please clarify whether this work is to be measured and paid under Item Number 0310, *Aggregate Base Course, 3750 CY*, or Item Number 0330, *Geosynthetic Stabilized Subgrade Using Graded Aggregate Base, 4500 CY*?
- A.68 Reference CLIN #0310 and #0330. Also, please reference Drawing Nos. T-30R and T-31R, as referenced under Amendment No. 4, Item 4-35.
- Q.69 Could the Department please clarify and/or describe where Item Number 0560, *PCC Pipe, Class IV, Gasket, 15 Inch, 1750 LF* and Item Number 0570, *PCC Pipe, Class IV, Gasket, 18 Inch, 200 LF* are to be utilized on the project? This type of pipe is considered a low head pressure, A.S.T.M. C361, pipe and there isn't any such pipe outlined in plan or profile views.
- A.69 These drainage pipes are to be utilized on the road between the curbs.
- Q.70 Attachment J.5, First Source Employment Agreement, project specification pages 328 through 337, describes and outlines the hiring practices to be utilized by the Contractor.
- a. If a Contractor is union affiliated, to what extent is this agreement applicable and/or enforceable? (See Page 332, Part VII. Exemptions, Items B and C)
 - b. If a Contractor is union affiliated, is it necessary to fill out pages 336 and 337 of the document?
- A.70 The requirements stipulated in the First Source Agreement shall remain in effect, regardless of the bidder's affiliation with a union.
- Q.71 Reference Bid Item 1130, Portable Traffic Signal Bases. We cannot locate this item in the civil, MOT or electrical plans. What is this item to be used for? Please provide a description.
- A.71 Reference Article 617.22 (Portable Traffic Signal Bases) of the Standard Specifications for Highways and Structures, 2007 Edition. There are no specific locations shown on the drawings, because locations may change within the limits of the work during construction.

- Q.72 It is apparent that temporary traffic signalization will be required. There are no specific details or plans describing this work. What line item is this paid for? Please provide a description of what is required.
- A.72 The traffic signal designs are such that the new traffic signals, conduits, and manholes can be constructed without having to use temporary traffic signal poles on temporary bases. The two (2) pedestal poles at the intersection of Suitland Parkway and Firth Sterling Avenue can be maintained during construction and do not require temporary bases.
- Q.73 The traffic signal prints for the existing intersections to be modified, S Capitol St & Firth Sterling and Firth Sterling & Suitland Pkwy, make no reference to temporary accommodations for construction. Are items for installation, relocation & removal of temporary bases to be added to the contract?
- A.73 There is no requirement for temporary bases and existing poles shall be maintained without relocation.
- Q.74 Will items to remove existing communications cable and install overhead communications cable be added? See sheet 181/395.
- A.74 Reference Amendment No. 4, Item No. 4-3 (new CLIN #1600A).
- Q.75 What is the spec on the twin bracket arm holding teardrop fixtures on the OCS pole.
- A.75 Reference Drawing No. SL9 for information pertaining to teardrop fixtures.
- Q.76 The item schedule calls for both Twin-20 poles (line #1970) and Twin-20 poles with 4' arms (line # 2010.) Where are the twin-20 poles without 4' arms installed?
- A.76 Reference Amendment No. 4, Item No. 4-3 (see revisions to CLIN #2010)
- Q.77 Page 74 references item 618-108, 4" Schedule 80 bored conduit. Is this to be added to the pay items?
- A.77 Reference Amendment No. 4, Item 4-5.

- Q.78 Page 135 references item 618-991, Temporary lighting. Is this to be added to the pay items?
- A.78 Service connection and disconnection to the streetlights shall include temporary and permanent service connections. Reference Amendment No. 4-20 for change to Section C.93.1.
- Q.79 Could the Department please provide the Asphalt Cement Price Index to be utilized for this project?
- A.79 Reference Section 401.18 (Adjustment of Price for Asphalt Binder) of the Standard Specifications for Highways and Structures, 2007 Edition.
- Q.80 We are a Machine Tool distributor and provide the equipment originally shown in Specification 11142 – Industrial Tools and Equipment. We are in receipt of the new bid packet for the updated project; however, there are no specifications, that I can find, for the Industrial Tools and Equipment nor the Electrical Equipment (Section 01460).
- A.80 Prior bid documents are not indicative of current requirements. Reference Section 11141 for information pertaining to Industrial Tools.
- Q.81 Please provide the lengths of each size rails.
- A.81 Reference Amendment No. 4, Item 4-13.
- Q.82 Is a string schedule for the rail available?
- A.82 Schedule of pre-curved rails will be provided to the successful bidder. There is no string schedule for tangents and curves greater than 500 feet radius.
- Q.83 Are the rails marked to match the string schedule?
- A.83 Pre-curved rails will be marked to correspond to the schedule. However, there will not be a string schedule for curves greater than 500 feet radius.
- Q.84 Is the rail pre curved to fit the curves and spiral curves?
- A.84 All curves with radius of 500 feet or less will be pre-curved.

- Q.85 Are drawings available showing the locations of the different size rails?
- A.85 There are no drawings specifically showing the different rail sizes. Pre-curved rails and turnouts will be Ri59. Other rails will be Ri52, except in the shop where 115RE will be utilized.
- Q.86 Since compromise welds are not available for the Ri52 to Ri59 and Ri? [Ri52] To 115RE is the owner providing transition rails?
- A.86 Reference Amendment No. 4, Items 4-17 and 4-18.
- Q.87 Who was the supplier of the rail?
- A.87 Reference Amendment No. 4, Items 4-1 and 4-17.
- Q.88 What is provided with the turnouts?
- A.88 Reference Amendment No. 4, Items 4-1 and 4-17.
- Q.89 Is a drawing available for the plating for the turnouts?
- A.89 Turnout shop drawings showing special plates will be furnished to the successful bidder.
- Q.90 Are Frog and Switch assemblies to be welded into the track system?
- A.90 Yes. Same as Q&A No.123.
- Q.91 Who is the supplier of the special trackwork?
- A.91 VAE Nortrak North America, Inc.
- Q.92 Who will furnish the operating stands for the turnouts?
- A.92 There is no requirement for operating stands. Reference Section C.86.6.a for information pertaining to furnishing turnouts housing and manual hand throw switch mechanism.

Q.93 Do the tubs for the turnouts require all 3 of the following membrane, painting of all steel components with elastomeric grout and rubber rail boot?

A.93 There is no requirement to paint rails or rail boots. Rubber rail boots are not required for turnouts in the tub section, and painting is referenced or required.

Q.94 Who furnishes the insulated joints in the turnouts?

A.94 Reference Amendment No. 4, Item 4-15.

Q.95 Per the Storm Drain Structure Schedule calls for 32 track drains and item on the bid sheets # 0020 shows 29 which is correct?

A.95 Reference Amendment No. 4, Item 4-3, for changes to CLIN #0020.

Q.96 Do you have a manufacturer for the track drains?

A.96 It is the responsibility of the bidder to select a qualified manufacturer.

Q.97 Do you have a drawing showing the details for the track in the building floor?

A.97 Reference Drawings MF-S401 and MF-S402.

Q.98 Per drawing E09 page 208 electric boxes. How many of these are required? Respectfully requested,

A.98 Reference Drawings E-01 and E-03.

Q.99 I am writing today to inquire about the "Subcontract Summary Form" which is depicted in the Project Specifications, for the above referenced project, on page 372. Under Section II of this form it is requesting the "MBOC Cert. No." for each subcontractor.

1. What is this certification number?
2. Is this certification number one associated with a minority certified company?
3. If it is a number associated with a minority certified company, through which agency is a qualified DBE company to be certified to be utilized towards this project's goal?

A.99 The “MBOC Cert. No.” is the same as LSDBE certification number. Reference Section L.27.5.B for the contact information pertaining to the LSDBE Certification Program.

Q.100 Plan sheet numbers 137 through 163 outline the suggested maintenance of traffic for this project.

Temporary Impact Attenuators are depicted for utilization. Could the Department please clarify:

a. Whether the Contractor is to utilize DDOT Standard Detail 616.20 - *Construction Zone Crash Cushion* or DDOT Standard Detail 616.21 - *Crash Cushion Inertial System*?

A.100a DDOT Standard Detail 616.21 – Crash Cushion Inertial System Unidirectional.

b What is the design speed for the temporary impact attenuators?

A.100b Reference DDOT Standard Detail 616.21– Crash Cushion Inertial System Unidirectional.

c Under what pay item are these temporary impact attenuators to be measured and paid?

A.100c Reference Amendment No. 4, Item 4-3 (new CLIN #1320A).

d Under what pay item is the removal and reset of temporary impact attenuators to be measured and paid?

A.100d Reference Amendment No. 4, Item 4-3 (new CLIN #1320B).

e Under what pay item is the replacement of temporary impact attenuators to be measured and paid?

A.100e Reference Amendment No. 4, Item 4-3 (new CLIN #1320A).

Q.101 Portable PCC Barrier is depicted for utilization. Could the Department please clarify under what pay item is the removal and reset of the portable PCC barrier to be measured and paid?

A.101 Reference CLIN #1060.

Q.102 On the back of the bid bond is a box for “Certificate as to Corporation”. Because we are submitting a proposal as a Joint Venture, do we not fill out that box? Or, if

we do fill it out, should I list both president's names and can the corporate secretary who signs it be from either company.

A.102 If the Principal is a Joint Venture, it should be identified as such on the bid bond and any other documentation pertaining to this solicitation. Note the first page of the bid bond, which calls for the bidder to identify the type of organization that is bidding the job (Individual, Partnership, **Joint Venture** or Corporation). Bidders should identify the person (or persons) authorized to bind the Joint Venture, and follow the guidelines of its Surety(ies) with respects to a Joint Venture bid/agreement. Also, please refer to Section L.27.4 (Preferences for Certified Joint Ventures) for information pertaining to DSLBD requirements for Joint Ventures, if LSDBE certification is applicable.

Q.103 Is it possible to get revised replacement pages for those affected by the changes listed in amendments instead of having to do copy, cut and paste of the amendment since this volume has to be copied to provide (2) additional copies with the original bid?

A.103 Bidders are not required to physically make every change indicated in each amendment and return the changes to the District for approval or acceptance. Bidders are required to recognize the changes and acknowledge the changes (hence, acknowledge receipt of the amendment) by either (a) completing items 8 and 15 of the amendment; (b) acknowledging receipt of the amendment on each copy of the offer submitted; or (c) acknowledging receipt of the amendment by separate letter or fax which includes a reference to the solicitation and amendment number. This is stated in Block 11 of Page 1 of the amendment and reiterated in the introductory paragraph on Page 2 of each amendment.

Q.104 Will there be a Liquid Asphalt Adjustment clause for this project?

A.104 Reference Section 401.18 (Adjustment of Price for Asphalt Binder) of the Standard Specifications for Highways and Structures, 2007 Edition.

Q.105 Is the track inside the building included in the item 0104[0140].

A.105 Tracks inside the building shall be included in CLIN #1200, 1310 and 2570. Reference Amendment No. 4, Item 4-3, for changes to CLIN #1200 and 1310.
Note: This is a revised response to Q&A No. 1, Item 4.

Q.106 Is the rails inside the building being supplied also?

A.106 The Contractor shall furnish and install all 115RE rails inside the building. Reference Amendment No. 4, Items 4-17 and 4-18, and Q&A No. 105 above.
Note: This is a revised response to Q&A No.1, Item 5.

Note: DDOT will provide responses to other outstanding questions via Amendment No. 5 and Q&A No. 3, which will be issued on or about Wednesday, July 23, 2008. DDOT will not response to questions received after 4:00 p.m. (local time), on Friday, July 18, 2008.

End of Q&A No. 2