

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES**



SOLICITATION DCAM-21-CS-IFB-0001

**REDEVELOPMENT ST. ELIZABETHS EAST CAMPUS
PECAN STREET INFRASTRUCTURE IMPROVEMENTS**

AMENDMENT NO. 5

Amendment Number 5 is hereby issued and posted on the Department's web site at <https://dgs.dc.gov/event/dcam-21-cs-ifb-0001-redevelopment-st-elizabeths-east-campus-pecanstreet-infrastructure> March 2, 2021. Except as otherwise noted, all other terms and conditions of the solicitation remain unchanged.

1. SECTION B CONTRACT TYPE, SUPPLIES OR SERVICES AND PRICE/COST

Delete: In its entirety
Insert: Revised Section B (Amendment 5 Attachment 1)

2. SECTION C.6, ACCELERATION

Delete: All references to Lump Sum
Insert: NTE Amount

3. SECTION G.7, CONTRACTING OFFICER (CO)

Delete: In its entirety
Insert:

G.7 CONTRACTING OFFICER (CO)

Contracts will be entered into and signed on behalf of the District only by contracting officers. The contact information for the Contracting Officer is:

George G. Lewis, CPPO
Chief Contracting Officer
Department of General Services
2000 14th Street, 4th Floor
Washington, DC 20009
(202) 727-2800
george.lewis@dc.gov

4. SECTION I.9 INSURANCE

Delete: In its entirety
Insert: Revised Section I.9 (Amendment 5 Attachment 2)

5. SECTION J ATTACHMENTS, Attachment J.1.1 Contract Plans

Delete: In its entirety
Insert: Revised Attachment J.1.1 available at

https://dcgovict-my.sharepoint.com/:f/g/personal/ali_sheikhbahaei_dc_gov/EqoEl5CRToBCr3WLYGqn3icBZZcOEoZzpTgSnTS1CsaBkQ?e=9MIPPA

The following revised plan sheets are included in Amendment 5. Please note all changes are clouded on the plans and noted with a revision block. Below is a summary of the changes by sheet in J.1.1.

- a. (GN-2): Added the list of Plans changed as part of this addendum and added (Sheet 26A, Sheet 168A & 168B)
- b. GN-4: Added Legend for Wetland/Streams
- c. GN-7 (summary of Quantity): Added revised Quantitates (JEG and AMT)
- d. TS-1: Revised Typical section to show 8 ft Chain link Fence
- e. DM-3A: Added Additional sheet to show 3 Trees removed within the LOD (sheet 26A)
- f. HD-1: Added Note about referring to Landscape sheets for Permeable pavement and revised label for Chain Link Fence Height (6' changed to 8')
- g. HD-2: Added Note about referring to Landscape sheets for Permeable pavement and revised label for Chain Link Fence Height (6' changed to 8')
- h. HD-3: Added Note about referring to Landscape sheets for Permeable pavement and revised label for Chain Link Fence Height (6' changed to 8')
- i. HD-9: Removed extraneous detail 604.01
- j. HD-12: Revised Curve Radii to 15.00 (from 14.78') and deleted extraneous note.
- k. GR-1: Revised Proposed Grading Plan to show proper Grades Tie-in to existing contours
- l. ES-2: Added Removable Pumping Station to Drainage Area
- m. ES-3: Added Removable pumping station and Silt Fence
- n. ES-4: Modified Diversion Fence **to** preserve existing trees
- o. ES-7: Revised plan to show existing trees, minor LOD and diversion fence adjustments.
- p. ES-8: modified note 9 for E&S inspections and operations
- q. ES-11: Added Rolled Erosion Control Matting Detail
- r. ES-12: Added Riprap Dimensions at Sediment Trap-1
- s. ES-13: Changed scale and added one Inset for Sequence of Sediment Trap-2 construction details
- t. ES-14: Changed scale and added One Inset for Sequence of Sediment Trap-3 construction details

- u. SD-1: Added Riprap Details and typical section per DOEE comments
- v. SD-25: Revised Bioretention details per DDOT and DOEE comments
- w. SD-29: Revised Drainage details and As-Built certificate space
- x. SW-6: Revised Plan Note to add Temporary Water line notes and added legend
- y. SW-7: Revised Plan Note to add Temporary Water line notes and added legend
- z. SG-4: Added traffic signal details
- aa. SG-5: Added traffic signal details
- bb. L0003: Added Tree removal labels
- cc. L0004: Revised Tree removal schedule per DOEE comments

6. SECTION J ATTACHMENTS, Attachment J.1.3 Special Provisions

- Delete: In its entirety
- Insert: Revised Attachment J.1.3 (Amendment 5 Attachment 3)
- Below is a summary of the changes in J.1.3
- a. 36 Temporary Water Line relocation/protection: Item 300009 (Lump Sum)
 - b. Added additional requirements to Special Provision 35 - Furnish and Install Outside Plant 12-Strand Fiber Optic Communication Cable Item 613 115

7. SECTION J ATTACHMENTS, Attachment J.1.4

- Insert: Attachment J.1.4 - Limited Cleanup Plan for CCR Contaminated Soil during Stage 2 Utility available at

https://dcgovict-my.sharepoint.com/:f/g/personal/ali_sheikhbahaei_dc_gov/Es1757Gl35IPoHGaoF3-TAwBzPyaOPYQmWLBxW-4ICH7Xg?e=Xun0ql

8. SECTION J ATTACHMENTS

- Insert: Attachment J.1.13 – Elevated Steel Water Storage Tank Utilities (Amendment 5 Attachment 4)

9. SECTION J ATTACHMENTS, Attachment J.2 Offer Letter and Price Schedule/Bid Form

- Delete: Price Schedule/Bid Form in its entirety
- Insert: Revised Price Schedule/Bid Form (Amendment 5 Attachment 6)
- Below is a summary of changes made to Price Schedule/Bid Form bid and quantity sheet (GN-7)
- a. 300009 – 8 “, 10 “ & 14” PVC Pipe Water Line - Private Temporary Line – change to LS and combine 08 and 09 into 09 only.
 - b. Add “Field Layout” – item # 108016 – LUMP SUM – Standard DDOT item in GOLD BOOK

- c. Removed item 300008 entirely
- d. Added amount to item 108005 – Permit Allowance
- e. Removed Item 106002 – Quality Assurance/Quality Control
- f. Added Item 204002 – Embankment Fill
- g. Revised Qty for item 204004 – Borrow Embankment Fill

10. SECTION L.7 QUESTIONS ABOUT THE SOLICITATION

Delete: In its entirety

Insert:

SECTION L.7 QUESTIONS ABOUT THE SOLICITATION

If a prospective bidder has any questions relative to this solicitation, the prospective bidder shall submit the questions in writing to the Contact. The prospective bidder shall submit questions no later than **2:00PM March 4, 2021** to James H. Marshall at james.marshall@dc.gov. The District will not consider any questions received after March 4, 2021. The District will furnish responses promptly to all other prospective bidders. An amendment to the solicitation will be issued, if that information is necessary in submitting bids, or if the lack of it would be prejudicial to any other prospective

11. SECTION L.7 QUESTIONS ABOUT THE SOLICITATION

Responses to questions received about the solicitation are provided in Attachment 5.

James H. Marshall

James H. Marshall
Contracting Officer

3/2/2021

Date

End of Amendment 5

DCAM-21-CS-IFB-0001

Redevelopment St. Elizabeths East Campus – Pecan Street Infrastructure Improvements
Amendment 5

Attachment 1

Revised Section B of IFB

SECTION B

CONTRACT TYPE, SUPPLIES OR SERVICES AND PRICE/COST

B.1 INTRODUCTION

The District of Columbia Government Department of General Services (DGS), on behalf of the Office of the Deputy Mayor for Planning and Economic Development (DMPED) is seeking a contractor to provide all labor, materials and equipment for the construction of the Pecan Street Infrastructure Improvements Project (Project) in accordance with Section C, the Contract Plans (**Attachment J.1.1**), DDOT Standard Specifications for Highways and Structures, 2013 (Gold Book) (**Attachment J.1.2**), Project Special Provisions (**Attachment J.1.3**) and other associated attachments in Section J.1 (Project).

B.2 TYPE OF CONTRACT

In accordance with 27 DCMR, Section 2402, the District contemplates award of a fixed unit price contract with a not-to-exceed amount ("NTE Amount") equal to the total Contract amount for the infrastructure and roadway improvements project.

B.3 PRICE SCHEDULE/BID FORM – Fixed Unit Price with NTE Amount

B.3.1 NTE Amount

The awarded Contractor shall be paid based on fixed unit prices for Contract item quantities, subject to a NTE Amount, as detailed in **Attachment J.2**, to complete the Project.

B.3.2 Significant Changes in the Character of Work

B.3.2.1 The Contracting Officer reserves the right to make, in writing, at any time during the Work such changes in quantities and such alterations in the Work as are necessary to satisfactorily complete the Project. Such changes in quantities and alterations shall not invalidate the Contract nor release the Contractor's Surety, and the Contractor agrees to perform the Work as altered.

B.3.2.2 If the alterations or changes in quantities significantly change the character of the Work under the Contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the Contract. The basis for the adjustment shall be agreed upon prior to the performance of the Work. If a basis cannot be agreed upon, then an adjustment will be made whether for or against the Contractor in such amount as the Contracting Officer may determine to be fair and equitable.

B.3.2.3 If the alteration or changes in quantities significantly change the character of the Work to be performed under the Contract, the altered Work will be paid for via a Change Order to the Contract.

B.3.2.4 The term “significant change” shall only apply to the following circumstances:

B.3.2.4.1 When the character of the Work as altered differs materially in kind of nature from that involved or included in the Contract; or

B.3.2.4.2 When an item of Work is increased or decreased by more than 25 percent of the original Contract quantity. Any adjustment for an increase or decrease in price shall apply only to that portion in excess of 125 percent of the original Contract item quantity, or in case of a decrease below 75 percent, to the actual amount of Work performed. For the avoidance of confusion, no adjustment in price shall be made if the Contract quantities increase/decrease by 25 percent of the original Contract quantities or less.

B.3.3 Work Included in the NTE Amount

The Bidder acknowledges and understands that the NTE Amount is based on the Scope of Work (**Section C**), including the Pecan Street Infrastructure Improvement Drawings and Specific Project Specifications provided in (**Attachment J.1**), which are incorporated into the Contract awarded pursuant to this IFB. It is understood and agreed that the NTE Amount, based on fixed unit rates and Contract item quantities, represents the Bidder’s offer to complete the Project. The Department and the awarded Contractor (the “Parties”) acknowledge and agree that it is their intent to have the awarded Contractor provide all labor, materials, and equipment to complete the project as contemplated in the Contract Documents, for the NTE Amount and consistent with the Project Schedule. In furtherance of such intent, the awarded Contractor assumes the risks associated with and shall be responsible for (i) any changes in market conditions that affect the cost of labor or materials; (ii) coordination issues between the drawings; (iii) elements of work not shown on the Contract Documents, but which are reasonably inferable from the Contract Documents; (iv) cost associated with acceleration of the work and expediting of materials necessary to meet the Project Schedule which are the result of anything other than an Excusable Delay; and (v) the risk of subcontractor default or non-performance. It is understood and agreed by the Parties that items (i) through (v) listed in the preceding sentence are not intended to be an exclusive list of the risks assumed by the awarded Contractor and that such items represent a partial list of the risks assumed by the awarded Contractor.

B.3.4 Basis of NTE Amount

The NTE Amount is based on the following documents that are incorporated into the IFB and resulting Contract:

- B.3.4.1 Attachment J.1**
Pecan Street Infrastructure Improvement Drawings and Specific Project Specifications including Attachments J.1.1 through J.1.13
- B.3.4.2 Attachment J.2**
Offer Letter and Price Schedule/Bid Form
- B.3.4.3 Attachment J.5**
Subcontracting Plan and Subcontracting Agreements
- B.3.4.4 Attachment J.8**
Living Wage Act Notice and Fact Sheet
- B.3.4.5 Attachment J.4**
Davis Bacon Wage Rates Determination

B.4 ACKNOWLEDGEMENT OF REVIEW OF CONTRACT DOCUMENTS

Before submitting its bid in response to this IFB, the Bidder acknowledges that it reviewed the Drawings and Specifications for accuracy, constructability, and completeness and was required to bring such deficiencies to the attention of the Department so that the Department's Architect/Engineer can address any such deficiencies. The awarded Contractor acknowledges that any deficiencies it identifies after submitting its bid shall not be the basis for a change in the NTE Amount or delaying the Project Schedule to the extent that any such deficiencies in the Drawings and Specifications could have been identified by prior review of a competent prospective Contractor.

- B.4.1** During the term of the awarded Contract, should any errors, omissions, ambiguities or discrepancies be found on the Contract Documents, or should there be found any discrepancies between the Contract Documents to which the awarded Contractor has failed to call attention before submitting its bid, the awarded Contractor shall bring any such errors, omissions, ambiguities or discrepancies to the attention of Department, and the Department will interpret the intent of the Contract Documents. The awarded Contractor agrees to abide by and to carry out the Work in accordance with the decision of the Department. Wherever the intent of the Contract Documents is not indicated clearly or there is a conflict between the Contract Documents, the awarded Contractor will be held to have included in the NTE Amount the more expensive material or method of construction and the quantity of material.

B.4.2 If any item or material shown on the Drawings is omitted from the Specifications, or vice versa (except when the Drawings and Specifications clearly exclude such omitted item), and such item or material is required to complete the detail shown or specified, and if additional details or instructions are required to complete the Work, then the awarded Contractor is deemed to have made an allowance in the NTE Amount for the completion of the Work, consistent with adjoining or similar details and the best accepted practices of the trade for projects of this type and quality, whichever is more expensive, unless such additional information was not reasonably inferable from the Contract Documents. Without limiting the awarded Contractor's other duties, in the case of a difference among the Contract Documents as to the Contractor's obligations, or an inconsistency in the Contract Documents, the Department will decide which requirement governs; however, the awarded Contractor shall assume that the more expensive material or method of construction and the quantity of material shall be required without a change to the NTE Amount.

B.4.3 Execution of the Contract by the awarded Contractor is a representation that the Contractor has thoroughly examined all Contract Documents, including all details, plans, elevations, sections, schedules and diagrams, has visited the site, has become familiar with local conditions under which the Work is to be performed, has correlated personal observations with the requirements of the Contract Documents, and has satisfied itself before executing the Contract as to all matters that can affect the Work and its cost, including: (1) the nature of the land and subsoil; (2) the form and nature of the site and surrounding areas; (3) details and levels of existing pipe lines, conduits, sewers, drains, cables or other existing services; (4) the quantities, nature and availability of the materials, tools, equipment and labor necessary for the completion of the Work; (5) the means of access to the site and any accommodation he may require; (6) uncertainties of weather and physical conditions at the site; and in general to have himself obtained all necessary information as to risk contingencies, climatic, hydrological and natural conditions and other circumstances which may influence or affect his performance of the Work. The awarded Contractor waives any and all claims against the Department arising from or relating to such contingencies and conditions that are reasonably inferable from the Contract Documents, in light of the required preconstruction review and inspection and the Contractor's expertise in the field of construction.

B.5 A bidder responding to this solicitation that is required to subcontract shall be required to submit with its bid, any subcontracting plan required by law. Bids responding to this IFB shall be deemed nonresponsive and shall be rejected if the bidder fails to submit a subcontracting plan that is required by law.

DCAM-21-CS-IFB-0001
Amendment 5 Attachment 1

- B.6** For contracts in excess of \$250,000, at least 50% of the dollar volume of the contract shall be subcontracted in accordance with section H.9.1. A Subcontracting Plan form is provided in Attachment J.5.

DCAM-21-CS-IFB-0001

Redevelopment St. Elizabeths East Campus – Pecan Street Infrastructure Improvements
Amendment 5

Attachment 2

Revised Section I.9 Insurance of IFB

I.9 INSURANCE

A. GENERAL REQUIREMENTS. The Contractor at its sole expense shall procure and maintain, during the entire period of performance under this contract, the types of insurance specified below. The Contractor shall have its insurance broker or insurance company submit a Certificate of Insurance to the CO giving evidence of the required coverage prior to commencing performance under this contract. In no event shall any work be performed until the required Certificates of Insurance signed by an authorized representative of the insurer(s) have been provided to, and accepted by, the CO. All insurance shall be written with financially responsible companies authorized to do business in the District of Columbia or in the jurisdiction where the work is to be performed and have an A.M. Best Company rating of A- / VII or higher. Should the Contractor decide to engage a subcontractor for segments of the work under this contract, then, prior to commencement of work by the subcontractor, the Contractor shall submit in writing the name and brief description of work to be performed by the subcontractor on the Subcontractors Insurance Requirement Template provided by the CA, to the Office of Risk Management (ORM). ORM will determine the insurance requirements applicable to the subcontractor and promptly deliver such requirements in writing to the Contractor and the CA. The Contractor must provide proof of the subcontractor's required insurance to prior to commencement of work by the subcontractor. If the Contractor decides to engage a subcontractor without requesting from ORM specific insurance requirements for the subcontractor, such subcontractor shall have the same insurance requirements as the Contractor.

All required policies shall contain a waiver of subrogation provision in favor of the Government of the District of Columbia.

The Government of the District of Columbia shall be included in all policies required hereunder to be maintained by the Contractor and its subcontractors (except for workers' compensation and professional liability insurance) as an additional insureds for claims against The Government of the District of Columbia relating to this contract, with the understanding that any affirmative obligation imposed upon the insured Contractor or its subcontractors (including without limitation the liability to pay premiums) shall be the sole obligation of the Contractor or its subcontractors, and not the additional insured. The additional insured status under the Contractor's and its subcontractors' Commercial General Liability insurance policies shall be effected using the ISO Additional Insured Endorsement form CG 20 10 11 85 (or CG 20 10 07 04 **and** CG 20 37 07 04) or such other endorsement or combination of endorsements providing coverage at least as broad and approved by the CO in writing. All of the Contractor's and its subcontractors' liability policies (except for workers' compensation and professional liability insurance) shall be endorsed using ISO form CG 20 01 04 13 or its equivalent so as to indicate that such policies provide primary coverage (without any right of contribution by any other insurance, reinsurance or self-insurance, including any deductible or retention, maintained by an Additional Insured) for all claims against the additional insured arising

out of the performance of this Statement of Work by the Contractor or its subcontractors, or anyone for whom the Contractor or its subcontractors may be liable. These policies shall include a separation of insureds clause applicable to the additional insured.

If the Contractor and/or its subcontractors maintain broader coverage and/or higher limits than the minimums shown below, the District requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Contractor and subcontractors.

1. **Commercial General Liability Insurance (“CGL”)** - The Contractor shall provide evidence satisfactory to the CO with respect to the services performed that it carries a CGL policy, written on an occurrence (not claims-made) basis, on Insurance Services Office, Inc. (“ISO”) form CG 00 01 04 13 (or another occurrence-based form with coverage at least as broad and approved by the CO in writing), covering liability for all ongoing and completed operations of the Contractor, including ongoing and completed operations under all subcontracts, and covering claims for bodily injury, including without limitation sickness, disease or death of any persons, injury to or destruction of property, including loss of use resulting therefrom, personal and advertising injury, and including coverage for liability arising out of an Insured Contract (including the tort liability of another assumed in a contract) and acts of terrorism (whether caused by a foreign or domestic source). Such coverage shall have limits of liability of not less than \$1,000,000 each occurrence, a \$2,000,000 general aggregate (including a per location or per project aggregate limit endorsement, if applicable) limit, a \$1,000,000 personal and advertising injury limit, and a \$2,000,000 products-completed operations aggregate limit including explosion, collapse and underground hazards.

The contractor should be named as an additional insured on the applicable manufacturer’s/distributor’s Commercial General Liability policy using Insurance Services Office, Inc. (“ISO”) form CG 20 15 04 13 (or another occurrence-based form with coverage at least as broad).

DGS should collect, review for accuracy and maintain all warranties for goods and services.

2. **Automobile Liability Insurance** - The Contractor shall provide evidence satisfactory to the CO of commercial (business) automobile liability insurance written on ISO form CA 00 01 10 13 (or another form with coverage at least as broad and approved by the CO in writing) including coverage for all owned, hired, borrowed and non-owned vehicles and equipment used by the Contractor, with minimum per accident limits equal to the greater of (i) the limits set forth in the Contractor’s commercial automobile liability policy or (ii) \$1,000,000 per occurrence combined single limit for bodily injury and property damage. Form CA 99 48 03 06 Pollution Liability - Broadened Coverage for Covered Autos - Business Auto, Motor Carrier and Truckers must be endorsed onto the policy

3. **Workers' Compensation Insurance** - The Contractor shall provide evidence satisfactory to the CO of Workers' Compensation insurance in accordance with the statutory mandates of the District of Columbia or the jurisdiction in which the contract is performed.

Employer's Liability Insurance - The Contractor shall provide evidence satisfactory to the CO of employer's liability insurance as follows: \$500,000 per accident for injury; \$500,000 per employee for disease; and \$500,000 for policy disease limit.

All insurance required by this paragraph 3 shall include a waiver of subrogation endorsement for the benefit of Government of the District of Columbia.

4. **Cyber Liability Insurance** - The Contractor shall provide evidence satisfactory to the Contracting Officer of Cyber Liability Insurance, with limits not less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by Contractor in this agreement and shall include, but not limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion and network security. The policy shall provide coverage for breach response costs as well as regulatory fines and penalties as well as credit monitoring expenses with limits sufficient to respond to these obligations.

5. **Environmental Liability/Contractors Pollution Liability Insurance** - The Contractor shall provide evidence satisfactory to the CO of environmental liability insurance covering losses caused by pollution or other hazardous conditions arising from ongoing or completed operations of the Contractor. Such insurance shall apply to bodily injury, property damage (including loss of use of damaged property or of property that has been physically injured), clean-up costs, transit and non-owned disposal sites. Coverage shall extend to defense costs and expenses incurred in the investigation, civil fines, penalties and damages or settlements. There shall be neither an exclusion nor a sublimit for mold or fungus-related claims. The minimum limits required under this paragraph shall be equal to the greater of (i) the limits set forth in the Contractor's pollution liability policy or (ii) \$5,000,000 per occurrence and \$5,000,000 in the annual aggregate. If such coverage is written on a claims-made basis, the Contractor warrants that any retroactive date applicable to coverages under the policy precedes the Contractor's performance of any work under the Contract and that continuous completed operations coverage will be maintained for at least ten (10) years or an extended reporting period shall be purchased for no less than ten (10) years after completion.

The Contractor also must furnish to CO Owner certificates of insurance evidencing environmental liability insurance maintained by third party transportation and disposal site operators(s) used by the Contractor for losses arising from facility(ies) accepting, storing or disposing hazardous materials or other waste as a result of the Contractor's operations. Such coverages must be maintained with limits of at least the amounts set forth above.

6. **Installation-Floater Insurance** - For projects not involving structures, the contractor shall provide an installation floater policy with a limit equal to the Property values being installed as part of the project. The policy shall cover property while located at the project site, at temporary locations, or in transit; deductibles will be the sole responsibility of the contractor.
7. **Railroad Protective Liability Insurance (RPL)** - The Contractor shall provide evidence satisfactory to the Contracting Officer of a RPL policy with respect to activities Contractor, or any of its officers, agents, employees, members, successors and assigns, or subcontractors, perform within fifty (50) feet vertically or horizontally of railroad tracks, but only prior to the initiation of any such activity, Contractor shall provide Railroad Protective Liability Insurance (ISO CG 00 35 or equivalent), in the name of the applicable railroad. The policy shall have limits of liability of not less than Ten Million Dollars (\$10,000,000.00) per occurrence, combined single limits, for coverage A & B, for losses arising out of injury to or death of any person, and for physical loss or damage to or destruction of property, including the loss of use thereof. A Ten Million Dollar (\$10,000,000.00) annual aggregate may apply. (If applicable)
8. **Commercial Umbrella or Excess Liability** - The Contractor shall provide evidence satisfactory to the CO of commercial umbrella or excess liability insurance with minimum limits equal to the greater of (i) the limits set forth in the Contractor's umbrella or excess liability policy or (ii) \$10,000,000 per occurrence and \$10,000,000 in the annual aggregate, following the form and in excess of all liability policies. All liability coverages must be scheduled under the umbrella and/or excess policy. The insurance required under this paragraph shall be written in a form that annually reinstates all required limits. Coverage shall be primary to any insurance, self-insurance or reinsurance maintained by the District and the "other insurance" provision must be amended in accordance with this requirement and principles of vertical exhaustion.

B. PRIMARY AND NONCONTRIBUTORY INSURANCE

The insurance required herein shall be primary to and will not seek contribution from any other insurance, reinsurance or self-insurance including any deductible or retention, maintained by the Government of the District of Columbia.

- C. DURATION.** The Contractor shall carry all required insurance until all contract work is accepted by the District of Columbia and shall carry listed coverages for ten years for construction projects following final acceptance of the work performed under this contract and two years for non-construction related contracts.
- D. LIABILITY.** These are the required minimum insurance requirements established by the District of Columbia. However, the required minimum insurance requirements provided above will not in any way limit the contractor's liability under this contract.
- E. CONTRACTOR'S PROPERTY.** Contractor and subcontractors are solely responsible for any loss or damage to their personal property, including but not limited to tools and equipment, scaffolding and temporary structures, rented machinery, or owned and leased equipment. A waiver of subrogation shall apply in favor of the District of Columbia.
- F. MEASURE OF PAYMENT.** The District shall not make any separate measure or payment for the cost of insurance and bonds. The Contractor shall include all of the costs of insurance and bonds in the contract price.
- G. NOTIFICATION.** The Contractor shall ensure that all policies provide that the CO shall be given thirty (30) days prior written notice in the event of coverage and / or limit changes or if the policy is canceled prior to the expiration date shown on the certificate. The Contractor shall provide the CO with ten (10) days prior written notice in the event of non-payment of premium. The Contractor will also provide the CO with an updated Certificate of Insurance should its insurance coverages renew during the contract.
- H. CERTIFICATES OF INSURANCE.** The Contractor shall submit certificates of insurance giving evidence of the required coverage as specified in this section prior to commencing work. Certificates of insurance must reference the corresponding contract number. Evidence of insurance shall be submitted to:

The Government of the District of Columbia

And mailed to the attention of:

George G. Lewis, CPPO

Chief Contracts and Procurement and Chief Contracting Officer

Department of General Services

2000 14th Street NW 4th Floor

Washington, DC 20009

george.lewis@dc.gov

The CO may request and the Contractor shall promptly deliver updated certificates of insurance, endorsements indicating the required coverages, and/or certified copies of the insurance policies. If the insurance initially obtained by the Contractor expires prior to

completion of the contract, renewal certificates of insurance and additional insured and other endorsements shall be furnished to the CO prior to the date of expiration of all such initial insurance. For all coverage required to be maintained after completion, an additional certificate of insurance evidencing such coverage shall be submitted to the CO on an annual basis as the coverage is renewed (or replaced).

- I. DISCLOSURE OF INFORMATION.** The Contractor agrees that the District may disclose the name and contact information of its insurers to any third party which presents a claim against the District for any damages or claims resulting from or arising out of work performed by the Contractor, its agents, employees, servants or subcontractors in the performance of this contract.
- J. CARRIER RATINGS.** All Contractor's and its subcontractors' insurance required in connection with this contract shall be written by insurance companies with an A.M. Best Insurance Guide rating of at least A- VII (or the equivalent by any other rating agency) and licensed in the District.

DCAM-21-CS-IFB-0001

Redevelopment St. Elizabeths East Campus – Pecan Street Infrastructure Improvements
Amendment 5

Attachment 3

Revised Attachment J.1.3 Special Provisions of IFB

GOVERNMENT OF THE DISTRICT OF COLUMBIA

DEPARTMENT OF GENERAL SERVICES



ATTACHMENT J.1.3

SPECIAL PROVISIONS

SOLICITATION NO.: DCAM-21-CS-IFB-0001

**REDEVELOPMENT ST. ELIZABETHS EAST CAMPUS
– PECAN STREET INFRASTRUCTURE
IMPROVEMENTS PROJECT**

THIS PAGE INTENTIONALLY LEFT BLANK

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF GENERAL SERVICES

TITLE PAGE --- SPECIFICATIONS

ISSUING OFFICE:

DC Department of General Services
1250 U Street , 4th Floor
Washington, DC 20009

REQUESTS FOR CLARIFICATION OR INTERPRETATIONS OF BID
DOCUMENTS PRIOR TO DATE OF BID OPENING SHOULD BE
ADDRESSED TO:

Mr. James Marshall
Department of General Services
Contracts and Procurement Division 2000 14th Street, NW
4th Floor Washington, DC 20009
(202) 664-0416
James.marshall@dc.gov

THIS PAGE INTENTIONALLY LEFT BLANK

TABLE OF CONTENTS

SP NO.	TITLE	PAGE NO.
1	COORDINATION WITH OTHERS	7
2	SHOP AND WORKING DRAWINGS.....	8
3	NIGHT WORK.....	9
4	WORK AND STORAGE SPACE	9
5	RODENT CONTROL	10
6	EXISTING FEATURES	10
7	UTILITY STATUS	10
8	PEDESTRIAN ACCESS REQUIREMENTS	11
9	VALUE ENGINEERING CHANGE PROPOSALS.....	12
10	PROGRESS PHOTOGRAPHS: ITEM 108004	12
11	DC WATER WORK: ITEM NUMBERS GENERALLY IN THE 300 SERIES.....	12
12	PEPCO WORK: ITEM NUMBERS GENERALLY IN THE 613 AND 614 SERIES.	12
13	VERIZON WORK: ITEM NUMBERS GENERALLY IN THE 613 AND 614 SERIES	13
14	RIGHT OF WAY STATUS	13
15	PERMITS	13
16	801 SHELTER GUARD BOOTH: ITEM 105 003.....	14
17	RIGHT-OF-WAY (ROW) MONUMENTATION: ITEM 108 017	15
18	CONTAMINATED SOIL DISPOSAL IN PECAN STREET: ITEMS 200 005.....	16
19	COMMON EXCAVATION, ITEM: 202 002	17
20	DEMOLITION – PAVEMENT AND SIDEWALK ITEM 202 005	18
21	STRUCTURE DEMOLITION – STEAM TUNNEL: ITEM 205 003.....	18
22	EXISTING STEEL ELEVATED STORAGE TANK DEMOLITION: ITEM 205 009.	19
23	AGGREGATE BASE COURSE: ITEM 209 002	20
24	STORMWATER CONVEYANCE FOR IRRIGATION OF SOILS: PERFORATED PIPE ITEM 310 029 & DOME INLET ITEM 310 031	20
25	GRANITE COBBLE PAVERS: ITEM 605 049	22
26	ERNST QUICK EROSION CONTROL SEED MIX - ITEM 607 001	23
27	INVERTED U BIKE RACK: ITEM 608 103.....	24
28	TRASH AND RECYCLE RECEPTACLES: ITEM 608 107.....	25

29	PARKING KIOSK: ITEM 608 109.....	26
30	MAINTENANCE OF TRAFFIC: ITEMS 612 003 AND 612 006	28
31	PROJECT SIGN.....	31
32	F&I 15 FOOT TALL STEEL TRAFFIC SIGNAL POLE: ITEM 613 059	32
33	F&I PEDESTRIAN POLE: ITEM 613 061	32
34	METAL SIGN POST: ITEM 613 063.....	32
35	FURNISH AND INSTALL OUTSIDE PLANT 12-STRAND FIBER OPTIC COMMUNICATION CABLE: ITEM 613 115.....	32
36	FURNISH AND INSTALL 8-INCH, 10-INCH, AND 14-INCH PRIVATE TEMPORARY WATER LINE: ITEM 300009	36

1 COORDINATION WITH OTHERS

In preparation of his/her bid, the bidder is advised to take into consideration that other Contracts either have been, will be or may be awarded for work in the vicinity of the project area.

The Contractor shall coordinate his/her work and cooperate fully with all others in order to eliminate or curtail delays and interference of any kind. Particular attention shall be made to coordinate all work with DC Water and PEPCO.

Other projects under construction during the time this Stage 2 Phase 3 Pecan Street Infrastructure Improvements project will be under construction include:

1. The new Men's Shelter north of Pecan Street SE.
2. Renovations to the Historic Horse Stables north of Pecan Street SE
3. The new GW Hospital site surveys and predevelopment work adjacent to Pecan Street SE
4. The new 750 space parking garage at Cypress St. SE and future 13th Street SE
5. DDOT improvements of MLK Jr Ave SE north and south of Pecan Street SE
6. 13th Street SE and outfall sewer infrastructure improvements in Stage 2 Phase 4
7. Parcel's 13, 15 and 17 private development site work and building construction
8. New townhouse construction on parcels 10 and 14

The DC Water representative is listed below:

NAME: Michael Collins

TITLE: Field Inspector – Utilities

ADDRESS: 5000 Overlook Avenue SW, Washington, District of Columbia 20032

Phone: 202-304-8719

Email: Michael.Collins@dcwater.com

The PEPCO representative is listed below.

NAME: Heather Duperly

TITLE: Distribution Designer

ADDRESS: 3400 Benning Road NE, Washington DC 20019 – 1599

Phone: 202-388-2528

Email: HDuperly@Pepco.com

The District will not consider any claims of compensation due to delay, other than written time extensions.

2 SHOP AND WORKING DRAWINGS

This SP supplements Section 105.02.B of the DDOT Standard Specifications.

Shop and working drawings and calculations of working drawings shall be submitted to the COTR. All other submittals shall be transmitted to the DDOT office responsible for their approval. The Contractor shall transmit six (6) copies and one (1) reproducible copy of the shop and working drawings and calculations of working drawings submittals to the following office:

1. District Department of General Services (DGS)
Field Engineer's Office

Material certifications and laboratory test reports shall be submitted to:

1. District Department of General Services (DGS)
Field Engineer's Office

Material approvals and testing submittals shall be submitted to the Quality Assurance/Quality Control Division of the Infrastructure Project Management Division at DDOT. DGS shall be responsible for coordinating the material approvals and testing submittals with DDOT.

Shop and working drawings and design calculations of working drawings for sewers and water mains shall be submitted to:

1. Chief, Office of Engineering Services
Attn: Dexter Holmes
D.C. Water and Sewer Authority
5000 Overlook Avenue, S.W.
Washington, D.C. 20032
2. District Department of General Services (DGS)
Field Engineer's Office

Shop and working drawings and design calculations of Pepco Power system improvements shall be submitted to:

1. PEPCO
Attn: Heather Duperly
2B 59F
3400 Benning Road, NE
Washington DC 20019-1599
hduperly@pepco.com
202-388-2528

Shop and working drawings and design calculations of working drawings for Communication system improvements shall be submitted to:

1. VERIZON COMMUNICATIONS
Attn: Kenneth Young
Kenneth.d.young@verizon.com
301-282-7035

3 NIGHT WORK

Night work will not be permitted unless written permission is obtained from the District Department of Transportation (DDOT) for work in the public space or from the Department of General Services (DGS) for work on East Campus not in the public space.

The Contractor shall be subjected to area noise ordinances for night work from 7 P.M. to 7 A.M. and to the restrictions on equipment as indicated below except as permitted by a variance. The Department will support the Contractor's efforts in applying for a variance permitting reasonable day and nighttime noise levels. The Department gives no guarantee concerning the noise levels granted in any waiver, nor whether a variance will be granted.

For this project, the entire project area will be classified as residential. The Contractor shall also maintain enough light illumination levels for safe operations in all active work areas during evening and night work. Temporary lighting for the Contractor's operations shall comply with applicable OSHA regulations, task requirements and as specified elsewhere in these Specifications.

The use of all mechanical impact demolition equipment will be absolutely prohibited between the hours of 7:00 PM and 7:00 AM.

No separate measurement or additional payment will be made for NIGHT WORK or night lighting.

4 WORK AND STORAGE SPACE

The Contractor has limited space for construction operations including storage. The Contractor shall be fully responsible for construction operations and scheduling delivery of materials to the project site to allow for the limited space. Material Storage can be accommodated in the areas shown on the Contract Plans and labeled as contractor staging area as well as the areas of future Pecan Street not actively under construction.

The Contractor shall arrange for employee parking and storage space, if necessary, at no additional expense to the Department. Inability of the Contractor to obtain additional parking and/or storage space will not serve as a basis of claim for delay. Street parking in public, business or residential areas adjacent to the project site is prohibited for construction staff including the existing "RED" events parking lot.

The Contractor shall be responsible for any damage to the roadways by repairing or replacing the surface and/or base materials at his or her expense to the satisfaction of the DGS PM and DDOT if damage occurs within public space.

The Contractor shall provide photographic documentation of the work zone prior to construction. All construction materials, fencing, trash, and temporary water, sewer and electrical facilities shall be removed from the project site, staging area and disposed of properly at the Contractor's expense.

All costs associated with the establishment, occupation and removal of the work and storage area as described in this specification will not be measured for payment but shall be distributed among the various items of the project.

5 RODENT CONTROL

The Contractor shall take necessary steps to ensure that the project site, including all project related facilities within the site, is always free of rodent infestation. Work includes, but is not limited to, the following:

1. Daily removal of and proper disposal of all refuse. If refuse cannot be removed from the project site daily, then the refuse shall be stored in containers designed to prevent infiltration by rodents.
2. Inspections of the entire project site at least once a week for possible rodent infestation. If infestations are found, the Contractor shall engage the services of a certified pest control contractor and the service shall be retained until the infestation is no longer apparent.
3. Other approved measures that may be required for rodent control.

No separate measure and payment will be made for rodent control. The cost for rodent control will be distributed among the various pay items.

6 EXISTING FEATURES

This Specification supplements 103.01, Article 17D of DDOT Standard Specifications. Add the following:

If additional existing features information is needed, the Contractor shall be responsible for obtaining and surveying such information at no cost to the Department.

7 UTILITY STATUS

The Department has coordinated with the private and public utility companies during the engineering phase of the project. The Contractor shall be required to maintain and continue this coordination throughout the construction of the project.

The following list of utility companies and the locations of utilities shown on the plans are for information and guidance only. No guarantee is made of the accuracy or completeness of the utility company list or the utility locations shown on the plans.

1. Potomac Electric and Power Company (PEPCO)
2. DC Water
3. Verizon Telephone Company

4. Washington Gas Light Company
5. DC-Net
6. DGS – Private Water Facilities crossing the site that are to remain in operation

The required coordination, project management, utility locating, evaluations, engineering, and construction of load distribution systems shall be deemed incidental to other pay items in the Contract and no separate measurement or payment will be made.

It is understood and agreed that the Contractor has considered in his/her bid all permanent and temporary utility appurtenances in their present and relocated positions. The District will not allow any additional compensation for reasonable delays, inconveniences, or damage sustained by the Contractor due to issues related to the said utility appurtenances and their relocation.

It may be necessary for utility companies to perform work during construction due to the contract work being performed. The utility companies will also be present during any demolition or concrete placement in the vicinity of their facilities. Adjusting or resetting manhole frames within the project limits will be the responsibility of the contractor after coordination with the respective utility companies.

If utility services are interrupted because of accidental breakage or because of being exposed or unsupported, the Contractor shall promptly notify the proper authority and shall cooperate with the authority in restoring the service. No work shall be undertaken around fire hydrants until the local fire authority has approved provisions for continued service.

8 PEDESTRIAN ACCESS REQUIREMENTS

(A) DESCRIPTION

The Contractor shall ensure that all sidewalks on this project remain in compliance with the Americans with Disabilities Act (ADA) Standards. All open pedestrian walkway areas, paved or unpaved, shall always be maintained and safely usable. Such measures as backfilling or ramping to existing sidewalks or providing alternate sidewalk areas adjacent to existing sidewalks may be used. In high pedestrian use areas, the DGS PM may request temporary hard-surface walkways, such as plywood sheets, to be installed at no additional cost to the District. The pedestrian access to the 801 Shelter is a critical part of the planned construction sequencing and maintenance of traffic plan. Contractor is always required to keep vehicular and pedestrian access open to the 801 Shelter and from the RED lot across the construction site for the Shelter and for ESA events to and from the RED LOT.

(B) MEASURE AND PAYMENT

No direct measurement or payment will be made for this work. The Cost of this work is considered to be incidental to the project and the costs of this work should be included in the contract Pay Items.

(C) OTHER

Special Event pedestrian access must be coordinated with the Events DC and the ESA facility.

9 VALUE ENGINEERING CHANGE PROPOSALS

This special provision supplements 104.03.

This contract allows for the submittal of Value Engineering Change Proposals (VECP's) which are initiated and developed by the Contractor to change the Contract Plans and specifications, or other requirements of this Contract for the purpose of reducing the total cost of construction. The above will be completed without reducing design quality, maintainability or durability of the finished product. The VECPs will clearly outline any potential impacts to reducing design quality, durability, maintainability, or durability of the finished product.

10 PROGRESS PHOTOGRAPHS: ITEM 108004

This Specification supplements 108.10 of the DDOT Standard Specifications. Add the following:

General - The Contractor shall furnish digital copies of all photographs taken. The Contractor shall take a minimum of four (4) pictures for each block of work location, with at least two (2) pictures taken prior to start of work and two (2) pictures taken after completion of work. At a minimum, the Contractor shall take a total of 300 photographs.

The pictures (digital and hard copies) shall be submitted with every invoice for the work performed during the respective billing period.

11 DC WATER WORK: ITEM NUMBERS GENERALLY IN THE 300 SERIES

(A) GENERAL

DC Water Specifications and Standard Details are to be used for water and sewer work where applicable. A weblink for the applicable DC Water Standard Specifications and Standard Water and Sewer Details are included in Section C.2 of the IFB. Additional drawings and designs are included in the Contract Plans.

12 PEPCO WORK: ITEM NUMBERS GENERALLY IN THE 613 AND 614 SERIES

This Specification modifies and supplements Section 614 of the DDOT Standard Specifications.

(A) GENERAL

Work under these items shall conform to PEPCO requirements. A weblink for the applicable standard specifications and details are included in Section C.2 of the IFB. Additional drawings and designs are included in the Contract Plans.

13 VERIZON WORK: ITEM NUMBERS GENERALLY IN THE 613 AND 614 SERIES

(A) GENERAL

Verizon Specifications and Standard Details are to be used for Verizon communication lines work where applicable. Applicable Verizon Standard Specifications are attached in Section J.1.10. Additional drawings and designs are included in the Contract Plans.

14 RIGHT OF WAY STATUS

The District of Columbia is the owner of the property (excluding MLK ROW) upon which the work will be constructed. The Department will issue right of access to the contractor with NTP. All work in the public space (MLK ROW) will be subject to DDOT permitting and approval.

15 PERMITS

The Contractor shall be solely responsible for compliance with all of the terms, conditions and/or requirements in each and every permit regardless of whether the permit provides for performance by either the named Permittee, the Department, or their Contractors. Only the DCRA BCIV and DOEE permits will be in the Department's name and they will be transferred to the contractor after the award of contract and as part of Notice To Proceed. Contractor will be responsible for submitting and obtaining any Public Space permits from DDOT for work in the public space.

The Contractor shall be responsible for coordination with all permitting agencies. If the Contractor requests any changes to permit terms, conditions and/or requirements, the Contractor shall be responsible for all costs and schedule impacts associated with the requested changes. The Department will not accept any delay claims for permit-related impacts.

The following permits, agreements and/or approvals are required for this project and the Contractor shall be responsible for obtaining these and all other required permits and licenses needed to perform the work in accordance section 103 of the DDOT Standard Specifications:

1. District of Columbia Construction Permit (DCRA)
2. Department of Energy and Environment E&S (DOEE) Permit
3. DDOT Public Space, excavation, and occupancy permit for work within any public spaces
4. FAA approval for height of crane for demolition of the water tower. The Federal Aviation Administration (FAA) requires a permit on the construction crane used to demolish storage water tower. The FAA requires that Form

7460-1 be completed and submitted by the contractor prior to any demolition activities related to the elevated storage tank demolition.

5. Permit and water meter application to DC Water for new SEH water meter at SEH parking lot connection and new service line.

The following permits, agreements and/or approvals are required for this project and the District will acquire the below listed permit(s), agreement(s) and approval(s) and anticipates that the below will be acquired before NTP:

1. The Department of Energy and Environment (DOEE) Stormwater Management Plan Approval and Permit Stamp (Permit BCIV2000047, DOEE Database #6568).
2. DOEE Soil Erosion and Sediment Control Plan Approval and Permit Stamp (Permit BCIV2000047, DOEE Database #6568).
3. Civil (BCIV) Permit from DCRA (Permit BCIV2000047).

16 801 SHELTER GUARD BOOTH: ITEM 105 003

(A) GENERAL

Work consists of the furnishing and installation of the fully operational 801 Men's Homeless Shelter Prefabricated Guard Booth as shown at the location on the Contract Plans. The Contractor shall be required to procure and install the prefabricated booth meeting requirements shown in attachment J.1.9 of the IFB.

(B) SUBMITTALS

The contractor/manufacturer shall prepare and submit copies of shop drawings as required in item 2 above for this project. Drawings shall include elevations, section, foundation, floor plan, electric schedule, service entrance locations, and anchor clip details.

Submit the design and working drawings for the shelter's foundation to the Engineer for review and approval

(C) MATERIALS

The shelter shall be the booth model DOP460B, manufactured by Pregoso Builder's Inc. and supplied by B.I.G. Enterprises, Inc., as shown in Section J.1.9 or approved equal. General information for the materials and requirements for the installation shall be as shown on the Contract Plans and in Section J.1.9.

(D) CONSTRUCTION REQUIREMENTS

After receiving the Engineer's approval of the shop drawings, the Contractor shall procure the shelter and all other associated equipment as determined to be necessary according to the Manufacturer's Specifications and Drawings, this Specification and as directed by the Department's personnel.

(E) MEASUREMENT AND PAYMENT

The unit of measure for 801 Shelter Prefabricated Guard Booth will be lump sum and includes all freight, labor, materials, tools, equipment, foundation design, utility connections, interior and exterior installation and connection requirements, and incidentals necessary to complete the work and have an operational guard booth in the location shown in the contract plans.

17 RIGHT-OF-WAY (ROW) MONUMENTATION: ITEM 108 017

(A) GENERAL

Work consists of monumentation of the Right-of-Way (ROW) as shown in the contract plans after completion constructing the roadway and infrastructure improvements in the contract.

(B) REQUIREMENTS

The Contractor shall monument the ROW after completion of the construction of Pecan Street improvements by setting permanent markers at all ROW corners, angle points, points of curvature, and points of tangency along the ROW line. Acceptable permanent markers include concrete monuments, rebar with surveyor's cap, cross-cut in concrete, and mag-nail in asphalt. Additionally, the Contractor shall install permanent markers for offset points/lines to the monumented ROW in accordance to the standard practices of the District of Columbia Surveyor's Office. A minimum number of six (6) permanent markers shall be set for the Pecan Street ROW and a similar number of permanent ROW offset markers shall be set for ROW offset lines. All ROW monumentation shall be performed under the direct supervision of a professional land surveyor licensed in the District of Columbia.

(C) SUBMITTALS

The Contractor shall submit the following as part of the Record Drawings and as a condition of Final Acceptance:

- a. A listing of all primary and secondary control coordinate values, original computations, and other records, including GPS observations and analysis made by Contractor.
- b. Copies of all survey control network measurements, computations, unadjusted and adjusted coordinate and evaluation values
- c. Survey records and survey reports.

The Contractor shall produce reports documenting the location of the as-built alignments, profiles, structure locations, Utilities, and survey control monuments. These reports shall include descriptive statements for the survey methods used to determine the as-built location of the feature being surveyed. The Contractor's as-built data shall include the coordinate types (x, y, and/or z) and feature codes in the same format in which the preliminary construction data was generated. Where data have been provided to the Contractor from the Department in an x, y, z only coordinate format, or z only coordinate format, the Contractor shall provide the

Department with data in an x, y, z only coordinate format or z only coordinate format.

All documents submitted shall bear the Surveyor's seal, signature, and a certification that all Work was done under the Surveyor's supervision, all information contained in the document is true and is accurately shown and in compliance with all local and federal regulations.

ROW monumentation shall be added to the as built CAD plan of the improvements by the contractor.

(D) MEASUREMENT AND PAYMENT

The unit of measure for Right-of-Way Monumentation will be Lump Sum. The payment includes all incidentals necessary to complete the Work specified herein.

18 CONTAMINATED SOIL DISPOSAL IN PECAN STREET: ITEMS 200 005

(A) GENERAL

The northeast portion of St. Elizabeth's East Campus has been identified as an area with the potential for coal combustion residual (CCR) contamination. Soil excavation in areas with CCR is anticipated for the installation of the wet and dry utility infrastructure improvements on the project, although pre construction testing in the east 500 LF of Pecan Street project did not detect any such contamination. Test results are included in Section J.1.4 of these specifications. Contractor may be required to do additional testing during construction if visible contaminants are identified during excavation for utility trenches.

(B) CONSTRUCTION REQUIREMENTS

The contractor shall follow the identification and management protocols of CCR contaminated soil encountered at locations with visible contamination in accordance with the *Limited Cleanup Plan for CCR Contaminated Soil during Stage 2 Utility Installation Activities St. Elizabeths East Campus Project, Washington, D.C.* The plan is included in Section J.1.4 of these specifications. In particular the contractor is to note specific requirements in the CCR plan for visual screening of excavations that may result in additional field testing requirements by the contractor if visible fly ash, petroleum residuals, or other contamination is evident in the utility trench excavations. Any temporary stockpiling of excavated materials whether containing contaminated soils or not, must follow DOE Soil Erosion Control Practices (SECP). Stockpile testing for soils with visible contamination removed from trenches are to follows these requirements:

- Up to 1,000 cubic yards - 1 sample per 250 cubic yards
- 1,000 to 5,000 cubic yards - 4 samples for first 1,000 cubic yards +1 sample per each additional 1,000 cubic yards
- Greater than 5,000 cubic yards - 4 samples for first 5,000 cubic yards + 1samples per each additional 2,000 cubic yards

Beside actual testing of excavation samples the contractor will be required to sample excavated trenches with visible contaminants on both sides every 500 LF along the length of the trench exhibiting visible contamination.

(C) MEASURE AND PAYMENT

The unit of measure will be the cubic yard, with measure taken of the actual cubic yards. It will be paid for at the contract unit price per cubic yard, which payment will include all work necessary to satisfactorily transport, handle, stockpile, test, sample, analyze and/or obtain lab results, and the second handling associated with removing the stockpiled material (whether determined to be contaminated or not) and landfill disposal of contaminated material, including all incidentals necessary to complete the work. The bid price for this item shall include all costs for compliance document preparation under DDOE or EPA regulations and in accordance with the DOEE approved CCR plan (J.1.4) and all sample collection, laboratory analysis, and equipment rental costs.

The published Contract Plan quantity is an estimated quantity based on testing during design. The actual quantity in the field may be higher or lower than the estimated quantity.

19 COMMON EXCAVATION, ITEM: 202 002

The special provision supplements and modifies Standard Specification Section 202.2, "Common Excavation," and Section 202.05, "Measure and Payment."

(A) GENERAL

Common excavation shall include all excavation including for installation of new hard surface pavement, sidewalks, medians, and curbs and gutters; for the construction of roadway, all types of sidewalks, handicap ramps, medians, and curbs and gutters, indicated on the Contract Plans and as directed by the DGS PM. This pay item does not include any costs or work associated with site or utility demolition excavation.

While removing the existing sidewalks, medians, or roadway pavements, the Contractor shall preserve the existing aggregate base below the existing sidewalks or pavements.

Supplementing 202.02, work under this item shall also include undercutting to remove soft and unstable material which may be encountered below the proposed soils base, within the limits prescribed by the DGS PM. Also included is special or hand excavation, if necessary, over, around, and under supports for existing or new utility lines and appurtenances uncovered from such base undercutting. Suitable material removed as excavation under this item shall be used for backfilling areas and for utility trench backfill as required. Replacement material shall be furnished, placed and compacted under the item "Aggregate Base Course"

(B) MEASURE AND PAYMENT

All excavations, including Trench Excavation and Backfill, will be paid under COMMON EXCAVATION, Item 202 002, per Section 202.05.

Payment for COMMON EXCAVATION will also include costs for special or hand excavation, support for existing or new utility lines and appurtenances uncovered during excavation, and all tools, materials, equipment and incidentals necessary to complete the work as specified and as directed by the DGS PM.

20 DEMOLITION – PAVEMENT AND SIDEWALK ITEM 202 005

This Specification modified Section 202 of the DDOT Standard Specifications.

(A) GENERAL

This Work shall consist of removal and disposal of roadways, parking areas, driveways, sidewalks, sidewalk curbs, a surface concrete slab next to building 90 south of Pecan Street to subgrade as indicated in the Contract Documents. Building 90 is a historic structure and cannot be impacted by removal of the slab or by any project related work.

(B) CONSTRUCTION REQUIREMENTS

In accordance with DDOT Standard Specification Section 202.04

(C) MEASURE AND PAYMENT

Payment for Demolition – Pavement and Sidewalk will be made at the Contract unit price per square yard, which payment will include saw cutting the perimeter to a neat line, removal and disposal of all materials, cleaning, bending, and cutting of reinforcing steel to remain and all labor, tools, equipment, and incidentals needed to complete the specified Work.

21 STRUCTURE DEMOLITION – STEAM TUNNEL: ITEM 205 003

(A) GENERAL

Work under this item includes the demolition and bulkheading the steam tunnels as shown in the contract plans.

(B) CONSTRUCTION REQUIREMENTS

Demolishing the Steam Tunnels shall be done in accordance with Section 207.03.A of the DDOT Standard Specifications. Backfill shall be standard trench backfill material subject to compaction requirements if located within the roadway section. Demolition is to be to 20 feet outside future ROW limits of Pecan Street SE.

(C) MEASUREMENT AND PAYMENT

The unit of measure for Demolition will be Linear Feet. Payment will include preparation of required Working Drawings, abatement of hazardous materials if found inside the tunnels, removal of piping and equipment inside the tunnels, furnishing all materials, installing and disposing of temporary supports, removal and disposal of all materials, saw cutting the perimeter to a neat line, and furnishing all labor, tools, equipment, and incidentals needed to complete the specified Work. No separate payment will be made for backfill materials or compaction in areas where the steam tunnel demolition is required.

22 EXISTING STEEL ELEVATED STORAGE TANK DEMOLITION: ITEM 205 009

(A) GENERAL

Work under this item includes the draining, demolition, dismantling, and removal from the site of the existing steel 100,000 gallon elevated water tank located at the St. Elizabeth Campus, Washington DC.

(B) CONSTRUCTION REQUIREMENTS

Demolish and dismantle the existing steel elevated storage tank in its entirety down to the surface, including the top two feet of the top of concrete foundation/pad, unless otherwise approved by the Engineer. Any material removed beyond authorized limits, or any portion of remaining structure damaged as a result of negligence on the part of the Contractor, shall be replaced or repaired by the Contractor at his own expense. Undercut volume shall be backfilled with gravel or crushed stone per 804.06 of the DDOT Standard Specifications, compacted with a vibratory compactor, protected, and maintained.

The Contractor shall notify and seek permission for any utilities impacted by the Work. Any water piping to the tank shall be removed within the footprint of the tank.

Before cutting or disconnecting members, the Contractor shall assure himself that members are adequately supported. The Contractor shall also construct and maintain protection shields about the trees in the vicinity of the Work to prevent inadvertent damage during the length of the Project. The use of explosives and blasting procedures is prohibited, unless specifically granted by permit.

The Federal Aviation Administration (FAA) requires a permit on the height of the construction crane used to demolish storage water tower. The FAA requires that Form 7460-1 be submitted at least 30 days or more before the date of the proposed demolition is to begin, or the date an application for a construction permit is to be filed. Notification instructions are at the following website <https://oeaaa.faa.gov/oeaaa/external/portal.jsp> and in Section J.1.7 of these Specifications.

The contractor shall provide limits of demolition in the project record drawings.

(C) MEASURE AND PAYMENT

The unit of measure for Existing Steel Elevated Storage Tank Demolition will be lump sum. No direct measure will be made. Payment will be made at the Contract lump sum price, which payment will include preparation of required Working Drawings, as-built drawings, utility coordination, hazardous materials abatement and removal if necessary, permit application and fees, furnishing all materials, installing and disposing of temporary supports, removal and disposal of all materials off site, backfilling and furnishing all labor, tools, equipment, and incidentals needed to complete the specified Work.

23 AGGREGATE BASE COURSE: ITEM 209 002

This special provision supplements and modifies 209 of the Standard Specifications. Add the following to section 209.01:

Work under this item shall also include installing the replacement material at the locations where undercutting was performed to remove soft and unstable material from below the aggregate base course for the proposed pavement. Also included is special or hand compaction, if necessary, under, around and over existing or new utility lines and appurtenances uncovered during excavation.

Replace section 209.02 in its entirety with the following:

209.02 MATERIALS- The materials for this work shall be crushed stone meeting the requirements of 804.04(A).

24 STORMWATER CONVEYANCE FOR IRRIGATION OF SOILS: PERFORATED PIPE ITEM 310 029 & DOME INLET ITEM 310 031

A. DESCRIPTION

The Contractor shall provide all labor, materials and equipment necessary to install the Stormwater conveyance system for the irrigation of soils as specified in the Contract Documents. All accessories including cap, inlet, riser, and tubing necessary for installation are included in the Work. All equipment that the Contractor receives shall be stored according to manufacturer recommendations.

The Contractor shall set the tubing with care to not cover or bury the inlet under soil or mulch. All damage to the element will be repaired and/or replaced at no additional cost to the District. The Contractor shall maintain the system properly until acceptance by the District and replace any materials damaged in kind at no additional cost to the District. All debris generated as part of the Work will be disposed of by the Contractor at no additional cost to the District.

B. SUBMITTALS

Product data, affidavits, certifications, installation details and maintenance data shall be submitted per 105.02.

Submit shop drawings, to include dimensions and attachments.

C. MATERIALS

Source Limitations: Provide the following Items. Obtain each product through one source from a single manufacturer.

Perforated Pipe (Item 310 029)

1. Pipe Type: Perforated pipe (See Section 808.02 B in the Standard Specifications)
2. Pipe Length: 10ft +/- Provide enough length to extend below the full extent of the sidewalk.
3. Pipe Diameter: 2.5"

Dome Inlet (Item 310 031)

4. Drain Dome Inlet Diameter: 6" inch
5. Drain Dome Inlet above grade height: 4.5"
6. Drain Dome Inlet Material: Cast Iron Body, Bronze Flashing Clamp, Secured Bronze Dome.
7. Drain Dome Inlet Cover: Stainless Steel mesh screen
8. Finish: Vandal Proof Dome

D. PLACEMENT

1. Below sidewalks with structural soil, see 47.7.7 Stormwater Conveyance for Irrigation of Soils in the DDOT Green Infrastructure Standards.
2. Cap buried end of perforated pipe.

E. CONSTRUCTION REQUIREMENTS

Construction shall conform to the manufacturer's requirements for connections and other conditions affecting performance. Installation of Irrigation System shall proceed prior to completion of landscaping and sidewalk paving.

Install system per typical details and specifications.

After completing sidewalk and planting installation, inspect components to ensure inlet cap is not buried or obscured by soil, mulch, or other debris.

F. MEASURE AND PAYMENT

The unit of measurement for Perforated Pipe (Item 310 029) will be linear feet.

The unit of measurement for Dome Inlet (Item 310 031) will be per each furnished and/or installed.

The accepted quantities will be paid at the contract unit price per each unit complete in place, which payment will be full compensation of the work prescribed in this section.

25 GRANITE COBBLE PAVERS: ITEM 605 049

(A) GENERAL

Sidewalk Granite: Sidewalk granite pavers shall meet the requirements of ASTM C615/C615M. Pavers shall be first quality granite, hard and durable, of a uniformly light color from 1 deposit or quarry, free from seams, cracks or other imperfections and have smooth splitting character.

It shall also be clean and show no evidence of any iron rust or iron particles.

Granite pavers shall have a non-slip finish. Large, rough, surfaces are not acceptable. The color shall match the DC Standard Curb. The pavers shall meet the following requirements

a. Material: Provide White Mount Airy Granite to match the adjacent granite curbs or approved equal.

b. Size: Sidewalk pavers shall

i. 4 inches X 6 inches

ii. 4 inches X 4 inches

iii. Paver height: 4 inches.

c. Finish: the top surface of pavers shall be thermal-non slip finish. Bottom surfaces shall have no projection or depression greater than 1.5 inches. The surface slope resistance shall be a minimum value of 0.42.

d. Foundation: See Green Infrastructure 621.06 Permeable Unit Paver Pavement.

(B) SUBMITTALS

Product data, affidavits, certifications, catalog, installation details and maintenance data shall be submitted per 105.02.

Provide test reports for abrasion resistance of stone in accordance with ASTM C241/C241M and ANSI A137.1-2012 Section 9.6.1 "Wet Dynamic Coefficient of Friction (DCOF)."

Provide 4 inch X 4 inch paver samples.

(C) MEASUREMENT AND PAYMENT

The unit of measure for Furnishing and setting, resetting, adjusting, and salvaging stone will be per square foot.

26 ERNST QUICK EROSION CONTROL SEED MIX - ITEM 607 001

(A) DESCRIPTION - SEED MIX FOR HYDROSEEDING DISTURBED AREAS

This work shall consist of soil preparation, fertilizing, liming as required, seeding, mulching, and mowing all areas designated for lawn establishment as specified in the Contract Documents or as directed by the Engineer.

(B) MATERIAL

Product data, affidavits, certifications, catalog, installation details and maintenance data shall be submitted per DDOT Standard Specifications 105.02. Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws if applicable.

1. Seed Mix Composition:

- 50% Lolium multiflorum (Annual Ryegrass)
- 50% Lolium perenne 'Bigleague' (Perennial Ryegrass)

2. Manufacturer: Ernst Seed Company, or approved alternate

(C) PLACEMENT AND INSTALLATION

Product data, affidavits, certifications, catalog, installation details and maintenance data shall be submitted per 105.02.

The Contractor shall refer to DDOT Standard Specifications Section 607.01 Seeding, and Section 823.03 Seed, for Construction Requirements.

The Contractor will utilize best practice for hydroseeding as specified in Sections 607.01 and 823.03, and will apply seed at a rate, not less than, the recommended manufacturer's seeding rate for approved seed mixes.

Ernst Quick Erosion Control Seed Mix, Seeding Rate: 50 lb per acre

(D) MEASURE AND PAYMENT

The unit of measure for hydroseeding installation will be the square feet. The actual number of square feet of surface area seeded will be paid for at the Contract unit price per square feet, which payment will include furnishing all labor, materials, tools, equipment, and incidentals necessary to complete the Work as specified herein.

27 INVERTED U BIKE RACK: ITEM 608 103

(A) GENERAL

The Contractor shall provide all labor, materials and equipment necessary to install new bike racks as specified in the Contract Documents. Provide custom St. Elizabeths logo in the center of the bike rack. All accessories including flange, bolts, bolt caps, nuts, washers and clips necessary for installation are included in the Work. All equipment that the Contractor receives shall be stored according to manufacturer recommendations.

The Contractor shall set the bike rack with care so as not to damage the finish. All damage to the finish will be repaired and/or replaced at no additional cost to the District. The Contractor shall maintain the bike rack properly until acceptance by the Department and replace any materials damaged in kind at no additional cost to the District. All debris generated as part of the Work will be disposed of by the Contractor at no additional cost to the District.

(B) SUBMITTALS

Product data, affidavits, certifications, catalog, installation details and maintenance data shall be submitted per 105.02.

Submit shop drawings for the bike rack and logo, to include dimensions and attachments.

(C) MATERIALS

Source Limitations: Obtain each Bike Rack through one source from a single manufacturer.

1. Height: 36 inches.
2. Bike Rack Width: 24 inches from the outside of each footing.
3. Pipe Width: 1.50 inches, schedule 40 steel pipe. 1.90 inches outside diameter.
4. Mounting: In-ground mount shall be embedded into concrete base.
5. Finish: Hot dipped galvanized coating with black PVC
6. Custom Logo: St. Elizabeths East emblem, see Contract Plans.

(D) PLACEMENT

a. Setbacks:

- i. Wall Setback – For Hoops set parallel to the wall, a minimum of 24 inches should be left between the wall and the rack, the recommended setback is 36". For Hoops installed perpendicular to the wall, a 28 inch setback is the minimum distance; however, 36" is recommended.

- ii. Distance between Racks – 24 inches is the minimum distance between racks. 36 inches recommended.
- iii. Street Setback – 24 inches is the minimum distance between the street and the rack. 36 inches is recommended.

(E) CONSTRUCTION REQUIREMENTS

Construction shall conform to the manufacturer's requirements for correct and level finished grade, installation tolerances, and other conditions affecting performance. Installation of bike racks shall proceed before landscaping and paving have been completed.

Install bike racks level, plumb, true, and securely anchored at locations indicated on Drawings.

After completing site and street furnishing installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace

(F) MEASURE AND PAYMENT

The unit of measurement for Install Bike Rack will be per each furnished and/or installed. The accepted quantities will be paid at the contract unit price per each unit complete in place, which payment will be full compensation of the work prescribed in this section.

28 TRASH AND RECYCLE RECEPTACLES: ITEM 608 107

(A) DESCRIPTION

Work consists of furnishing and installing a standard DDOT 36-gallon capacity trash receptacles, with a custom "St. Elizabeths" label on the top horizontal bar, complete in place at locations shown in the Contract Plans or as directed.

(B) SUBMITTALS

Product data, affidavits, certifications, catalog, installation details and maintenance data shall be submitted per 105.02. Submit samples of exposed finished in pieces not less than 6-inch long for linear components and 4-inch square for sheet components.

(C) MATERIALS

Source Limitations: Obtain each Litter Basket through one source from a single manufacturer.

1. Provide Standard Trash Receptacles manufactured by Victor Stanley, Dunkirk, Maryland or approved equal.
2. Height: 41 ¾" Height

3. Width: 23.5" base diameter and 28" top diameter.
4. Mounting: Firmly surface mount to a concrete base below finished pavement as recommended by manufacturer.
5. Finish: All fabricated metal components shall be powder coated.
6. Color:
 - a. Trash: Black
 - b. Recycle: Blue
7. Door: Provide hinged door.
8. Plate and Lid: Plate cover shall be No. 16 gauge. Provide riveted steel lid.
 - a. Recycle: Provide recycle labels.

(D) CONSTRUCTION REQUIREMENTS

Construction shall conform to the manufacturer's requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance. Installation of trash receptacles shall proceed after landscaping and paving have been completed.

Install trash and recycle receptacles level, plumb, true, and securely anchored at locations indicated on Drawings.

After completing site and street furnishing installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace

(E) MEASURE AND PAYMENT

The unit of measurement for Trash and Recycle Receptacles will be each. The accepted quantities will be paid at the contract unit price per each unit complete in place, which payment will be full compensation of the work prescribed in this section.

29 PARKING KIOSK: ITEM 608 109

(A) GENERAL

Multi-space parking kiosk - solar powered and digital display.

Contractor shall provide labor, materials and equipment necessary to install new multi-space parking kiosks to conform with details and at the location shown in the Contract Plans or as directed by the DDOT Engineer. All accessories necessary for installation are included in the Work. All materials that the contractor requires shall be stored according to manufacturer recommendations.

The Contractor shall set the parking kiosk with care so as not to damage the finish. The parking kiosk shall be attached to the surface in a manner that cannot be

tipped over or detached from its base. All damages to the finish will be repaired and/or replaced at no additional cost to the District. The Contractor shall maintain the parking kiosk until it is tested and acceptance by the District. All debris generated as part of the work will be disposed of by the Contractor at no additional cost.

(B) MATERIALS

Materials shall meet the following requirements: Provide solar powered meter kiosks approved and managed by DDOT. Parking Kiosks shall match the existing kiosks in the DDOT system. Features include the following:

- Two-way communications, that will alert DDOT of equipment malfunctions.
- Digital Display to notify users of transaction information, time of day, amount of time purchase and expiration time.
- Payment options: coin, bank cards or credit cards.
- Machine generated receipt from an internal printer.

(C) SUBMITTALS

Provide the following in advance of placing the material order. Contractor shall submit to the Engineer for review: Product data, shop drawings, certifications, installation details and maintenance data.

Shop drawings showing location and footer attachments shall be submitted by the Contractor to the Engineer for review.

(D) PLACEMENT

Surface mount to poured in place concrete footer per the construction documents. Install parking kiosk level, plumb, true, and securely anchored at locations indicated on Contract Plans.

(E) CONSTRUCTION REQUIREMENTS

Construction shall conform to the manufacturer's requirements for correct and level finished grade, installation tolerances, and other conditions affecting performance. Installation of parking kiosk footer shall proceed before landscaping and paving have been completed. Installation of the parking kiosk shall proceed after landscape and paving have been completed.

After completing site and street furnishing installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace

Contractor shall provide final inspection and demonstrate and to the DDOT Inspector that the equipment functions in a manner equivalent to the other Parking Kiosks currently in the DDOT system.

DMPED/DGS shall coordinate with Benito Perez at DDOT (benito.perez@dc.gov) on installation of multi-space meters.

(F) MEASUREMENT AND PAYMENT

The unit of measure for Furnishing and setting, resetting, adjusting, will be each. The actual numbers of Parking Kiosks complete in place and accepted will be paid for at the Contract unit price per each, payment will include all labor, materials, tools, equipment and incidentals necessary to complete the Work.

30 MAINTENANCE OF TRAFFIC: ITEMS 612 003 AND 612 006

This Specification supplements Sections 104.02 and 612.02 of the DDOT Standard Specifications:

(A) GENERAL

Work consists of proper maintenance of vehicular and pedestrian traffic adjacent to the project and includes, but not limited to the following for contract duration: safety officer, flaggers and watchmen; public convenience and safety; furnishing, placing maintenance, removal and disposal of all traffic control devices as defined in the MUTCD.

Failure on the part of the Contractor, at any time, to comply with the provisions of 104.02, 616 and this special provision will result in the immediate notification of the Contractor by the DGS PM to comply with the required traffic maintenance provisions. If the Contractor fails to make the needed corrections to unsatisfactory traffic maintenance to conform to the provisions of 104.02 and 616 within 24 hours after receipt of such notice, the DGS PM may notify the Contractor to suspend all work at the contract work site until such time that the unsatisfactory traffic maintenance is corrected. If the Contractor fails to respond to a notice of unsatisfactory traffic maintenance and correct the deficiency within 24 hours after receipt of such notice, the DGS PM may immediately proceed with other forces and equipment to maintain the project. The entire cost of this maintenance by the District will be deducted from monies due the Contractor on the next monthly invoice.

A deduction of \$200.00 will be made from the next invoice for each day, or portion thereof, that maintenance deficiencies exist and will continue until the deficiencies are corrected and accepted by the DGS PM. Any portion of a day will be considered a full day deduction. The amount of monies deducted will be a permanent deduction and will not be recoverable.

Supplementing 104.02.A TRAFFIC FLOW RESTRICTIONS

The Contractor shall coordinate with WMATA regarding the probable impact of this construction upon metro bus stop in the vicinity. The Contractor shall coordinate his activities with Mr. Jamie Cepler of WMATA at (202) 962-6085. The Contractor shall provide adequate space for the passengers for waiting for the bus at the bus stops, safely boarding and disembarking from the buses.

Rush hours shall be defined as 6:30am to 9:30am Monday thru Friday and 3:30pm to 6:30pm Monday thru Friday.

Non rush hours shall be defined as 9:30am to 3:30pm Monday thru Friday, 6:30pm to 6:30am Monday thru Friday, and 6:30pm Friday through 6:30am Monday.

Maintenance of traffic limitations and requirements for holidays shall be as determined by the DGS PM on an individual basis but shall not be less than the requirements for non-rush hours.

The Contractor shall give seventy-two (72) hours prior notice to the District when making a change in flow patterns.

No traffic lanes shall be less than 10 feet wide, except as shown on the contract plans.

Temporary lane closings will not be permitted during rush hour periods. The Contractor may temporarily close no more than one through traffic lane during non-rush hours unless otherwise approved by the DGS PM.

The Contractor shall always maintain access to adjacent streets and driveways throughout the duration of the construction project. At least one lane shall be kept open to traffic on adjacent streets during non-peak hours. Temporary closure of driveways shall be arranged between the Contractor, the DGS PM, and the property owner.

The Contract Plans contain a suggested Maintenance of Traffic Plan for implementation during construction of the project. The Contractor may use the Maintenance of Traffic Plan in the Contract Plans as the Traffic Control Plan (TCP) or he may submit a Contractor designed TCP to the DGS PM for review and approval. A Contractor designed TCP shall comply with 104.02(8) of the Standard Specifications.

Supplementing 104.02.C.I GENERAL

During the entire construction period, the Contractor shall minimize interference, as determined by the DGS PM, with the adjacent neighborhood, including pollution, noise, safety and other effects. The Contractor must immediately remedy all interference determined by the DGS PM.

Construction work zones shall be made safe for traffic and warning shall be provided by installing electronically illuminated traffic control devices such as flashing arrow panels and warning lights. These devices shall be used in conjunction with other traffic control devices, and their flashing sequence and light intensity shall meet the requirements as outlined in the special provisions.

Traffic control devices not in use during the current phase of work shall be removed from the work zone. Construction signs not in use shall be 100% covered. All traffic control devices used for maintenance of traffic shall remain the property of the Contractor and shall be removed from the project site upon completion of work.

All traffic control devices shall be in new or like new condition. All traffic control devices used on this project shall meet the testing and evaluation criteria specified

in NCHRP (National Cooperative Highway Research Program) Report No. 350. Certifications that all control devices meet said criteria shall be submitted to the DGS PM for approval prior to use.

The Contractor shall be required to replace all damaged traffic control devices including those damaged by vandalism, at his own expense.

Supplementing 104.02.C.3 PEDESTRIAN SAFETY-The Contractor shall provide pedestrians with a continuous 6-foot wide walkway past the construction work zone. A minimum 4-foot wide walkway may be authorized by the DGS PM only if a wider space is not possible. Pedestrians shall not be led into direct conflict with the work site operations or mainline traffic moving through or around the work site. All pedestrians including blind, hearing impaired, and physically challenged shall be provided protection and safe passage through the construction zone. The Contractor shall maintain and construct, when necessary, temporary wheelchair ramps to allow street crossing for the duration of the project. All necessary signs and supports for closing sidewalks, detouring pedestrians, and providing temporary ramps and/or protective walkways is the responsibility of the Contractor.

(B) DESCRIPTION

801 SHELTER AND RED PARKING LOT MAINTENANCE OF TRAFFIC ITEM 612003

- The work under item 612003 consist of maintaining and protecting pedestrian and vehicular traffic through areas of construction, constructing and obliterating detours, and protecting the traveling public for maintenance of traffic activities required to keep the vehicular and pedestrian access to the 801 Men's Shelter Facility open and operational and constructing a pedestrian path and new vehicle access road connection.

CONSTRUCTION LANE CLOSING ITEM 612006 - The work under item 612006 consist of maintaining and protecting pedestrian and vehicular traffic through areas of construction, constructing and obliterating detours, and protecting the traveling public for maintenance of traffic activities required through the St. Elizabeth's East Campus and along Martin Luther King Jr. Ave. SE.

(C) TRAFFIC CONTROL PLAN

The Contractor shall submit a plan sequenced with a plan of operations, for maintenance of traffic to the Engineer for review prior to commencement of work that conforms generally to the phased MOT on site and within MLK ROW indicated on the Contract plans. The contractor's plan shall be in accordance with Section 104.02(B) of the DDOT standard specifications and the contract documents and track the sequencing and major components of the contract plans MOT with regard to MOT for access to and modification of pedestrian and vehicular access to the 801 Men's shelter.

(D) MEASUREMENT AND PAYMENT

Maintenance of traffic flagger service, pilot vehicles, electronic arrows, warning lights, channelizing devices, traffic barrier service, traffic barrier service guardrail terminals, impact attenuator service, temporary signalizations, construction pavement markings, construction pavement message markings, temporary pavement markers, eradication of existing pavement markings, temporary detours, aggregate material, barricades, construction signs, and truck mounted attenuators will be paid for on a lump sum basis wherein no measurement will be made. The Contractor's price bid shall include, but not

be limited to, furnishing, placing, maintaining, replacing, relocating, adjusting, aligning, removing, flagger service, pilot vehicles, warning lights, electronic arrow, channelizing devices, traffic barrier service, traffic barrier service guardrail terminals, impact attenuator service, temporary signalizations, construction pavement markings, construction pavement message markings, temporary pavement markers, eradication of existing pavement markings, temporary detours, aggregate material, barricades, construction signs, truck mounted attenuators, and all labor, material and equipment incidental to completing this work in accordance with the DDOT Work Zone Temporary Traffic Control Manual and the Manual on Uniform Traffic Control Devices. Site specific adjustments to maintenance of traffic operations, quantity, location, or spacing of traffic control devices, within construction limits or on any approaches to the project, required by the Engineer to improve traffic operation or safety shall be considered an alteration to the character of work.

1. Construction Lane Closing - Item 612 006

The Contractor will be paid 30-percent of the lump sum bid price upon satisfactory removal of all maintenance of traffic items associated with the sequence of construction shown in the contract plans at the conclusion of the following stages:

- Part 1 – 30 percent
- Part 2 – 30 percent
- Part 3 – 30 percent

The remaining 10 percent will be paid for after all maintenance of traffic items are removed at final acceptance of the Contract.

2. 801 Shelter and Red Parking Lot Maintenance of Traffic - Item 612 003

The Contractor will be paid 100-percent of the lump sum bid price upon satisfactory removal of all maintenance of traffic items associated with the sequence of construction shown in the contract plans at the conclusion of Part 1 Phase 4.

31 PROJECT SIGN

(A) GENERAL

The Contractor shall furnish, erect, maintain, and remove as directed by the Engineer 1 Project Sign at each end of the Project under construction as shown on the detailed drawing included in the Contract Documents. Cost figures for insertion on signs, rounded to the nearest \$1,000.00, will be provided by DGS. Refer to Project provided in Section J.1.11.

The sign shall be 3 foot x 5 foot x 3/4 inch exterior plywood, substrate smooth sanded on 1 side. The sign will be mounted on three 4 inches x 4 inches x 12 foot posts (or approved alternate) at location(s) designated by DGS. The sign face shall be painted with 3 coats of outdoor white enamel; sign rear with 1 coat of same enamel. Lettering shall be of silk screen enamels; black for all lettering; crimson red for the D.C. Logo. The abbreviation of street names is not acceptable.

(B) COLORS

- Red – Pantone 485
- Blue – Pantone 280
- Light Blue – Pantone 305
- Gray – CiCy 2, and Black over White

(C) FONTS

Ariel Narrow Italic or Ariel Narrow Bold Italic may be used. Sizes: 180 pt., 140 pt., 120 pt. and 100 pt.

(D) ARTWORK

DMPED's Logo, DGS's Logo, Contractor's Name/Logo and the Mayor's name Logo will be provided with the fonts outlined, EPS-JPEG Adobe Illustrator file on Mac formatted 3.5 disk or as required by DGS.

(E) OUTPUT

Digitally reproduced sign. Printed or silk screened.

(F) MEASUREMENT AND PAYMENT

No payment will be made for Project Sign. It is incidental to the Project.

32 F&I 15 FOOT TALL STEEL TRAFFIC SIGNAL POLE: ITEM 613 059

Work under this Pay Item shall meet the requirements of Section 613.18 of the DDOT Standard Specifications.

33 F&I PEDESTRIAN POLE: ITEM 613 061

Work under this Pay Item shall meet the requirements of Section 613.18 of the DDOT Standard Specifications the DDOT Standard Drawings (2015) 613.32.

34 METAL SIGN POST: ITEM 613 063

Work under this Pay Item shall meet the requirements of Section 613.02 of the DDOT Standard Specifications.

35 FURNISH AND INSTALL OUTSIDE PLANT 12-STRAND FIBER OPTIC COMMUNICATION CABLE: ITEM 613 115

The Martin Luther King Avenue SE (MLK) and Pecan Street SE (PECAN) Work under this Pay Item shall meet the requirements of Section 613.16 of the DDOT Standard Specifications and the following:

1. 12-strand single mode fiber optic cable between proposed Traffic cabinet at MLK and PECAN and existing traffic cabinet at MLK and CUPRESS (identified in DDOT's traffic signal system as MLK and Gate 4).

a. Proposed Fiber optic cable shall be attached to existing DDOT fiber running along MLK.

b. Existing fiber optic cable shall not be cut or disturbed.

2. Quantity 2 of the following:

a. Actelis model MS684D or approved equal (see Specification in section 2.2 of this Special Provisions)

3. Quantity 4 of the following:

a. Fiber SFP transceivers (see specification 1.1 in this Special Provision)

4. Quantity 2 of the following:

a. Modular splice enclosure (see 1.1 of this Special Provision)

5. Quantity 8 of the following

a. LC to LC fiber patch cord, 3 feet long each

6. Furnish and install all fiber splicing and terminations in traffic cabinets.

a. All fiber splicing to splice enclosure pigtails shall be via fusion splice method.

1.1 FURNISH AND INSTALL MODULAR FIBER OPTIC SPLICE ENCLOSURE

Modular splice enclosure shall be Belden® MIPP™, modular industrial patch panel, or approved equal.

1.1.1. Modular industrial panel shall be din rail mountable.

1.1.2. Modular industrial panel shall be expandable based on number of fiber strands, and number of fiber cables.

1.1.3. Modular industrial panel shall utilize LC type panel mounted fiber connectors.

1.1.4. Modular industrial panel shall include connectors with labeled and color coded pigtails (factory assembled)

1.1.4.1. All connections to the main fiber cables shall be via fusion splicing.

1.1.4.2. All strands of fiber shall be terminated in the splice enclosure.

1.1.5. All fiber patching and termination shall be performed under the direction of DDOT ITS personnel.

1.1.6. All network devices supplied with SFP ports shall include SFP transceivers installed in each port.

1.1.6.1. All SFP transceivers shall be compatible with DDOT's current and future installed Actelis Networks® equipment.

1.1.7. All fiber optic connectors SFP transceivers, and patch cables shall conform to LC

1.1.8. Contractor shall test all strands within all fiber optic cable runs.

1.1.8.1. Contractor shall submit an expected loss budget based on number of splices and connections.

1.1.8.2. Contractor shall test all cables and strands end to end between splice enclosures.

1.1.8.3. Test shall be performed to industry standards

1.1.8.4. Test results and actual loss shall be documented.

1.1.8.5. All Fiber testing shall be performed with DDOT staff present.

2. Specification of Ethernet over copper devices

2.1. Ethernet access device (EAD) shall be installed at each camera cabinet location.

2.1.1. EAD shall be Actelis model ML624 or approved equal.

2.1.2. EAD shall be cable of connecting and bonding to 4 twisted pairs simultaneously.

2.1.3. EAD shall be capable of up to 100 Mbps;10/100base-T (symmetrical) over bonded twisted pairs.

2.1.4. EAD shall include 4 Ethernet ports and one SFP fiber ports.

2.1.5. EAD shall be capable of remote management via DDOT's current MetaASSIST software.

2.1.6. EAD devices shall operate at -40 to +74 Degree Celsius

2.1.7. EAD devices shall operate at up to 95% relative humidity.

2.2. Ethernet over copper add-drop unit shall be installed at designated camera repeater locations.

2.2.1. Add-drop devices shall be Actelis model MS684D or approved equal.

2.2.2. Add-drop device shall be capable of receiving data over one or 2 bonded copper pairs.

2.2.3. Add-drop device shall be capable of transmitting data over one or 2 bonded copper pairs.

2.2.4. Add-drop device shall include 6, 10/100Base-T Ethernet ports

2.2.5. Add-drop device shall include 2, 100/1000Base-FX, fiber ports

2.2.6. Add-drop device shall be compatible with Ethernet access device (EAD) specified in section 2.1.

2.2.7. Add-drop devices shall be capable of remote management via DDOT's current MetaASSIST software.

2.2.8. Add-drop devices shall operate at -40 to +74 Degree Celsius

2.2.9. Add-drop device shall operate at up to 95% relative humidity

2.3. Gigabit Ethernet Managed Switch

2.3.1. Gigabit Ethernet Managed Switch shall be The ML510D Industrial Ethernet Switches from Actelis Networks® or approved equal.

2.3.2. Gigabit Ethernet Managed Switch shall be Equipped with at least 5 10/100/1000Base-T Ethernet interfaces and at least four 100/1000Base-FX Small Form Factor (SFP) ports

2.3.3. Gigabit Ethernet Managed Switch shall provide 802.1q VLAN-aware wire-speed bridging, double tagging (VLAN stacking) for end-user VLAN transparency.

2.3.3.1. L2 (Ethernet priority) classification with eight queues per port, fast healing rings, MSTP/RSTP/STP.

2.3.3.2. Dynamic Link Aggregation.

2.3.3.3. bandwidth monitoring.

2.3.3.4. Multicast/Broadcast limiting.

2.3.3.5. Support IGMP bandwidth snooping for video distribution applications. Manageable through Actelis' MetaASSIST

2.4. Gigabit Ethernet Managed Switch, Environmental

2.4.1. Operating Temp. -40° to +75°C.

2.4.2. Relative humidity: Up to 95%, non-condensing

2.5. Ethernet over copper aggregation switch shall be installed in the server room at the TMC (when required)

- 2.5.1. Aggregation switch shall be Actelis model ML2300 Bundle or approved equal (including associated interface cards and cables).
- 2.5.2. Aggregation switch shall be compatible with devices specified in sections 2 and sections 2.2.
- 2.5.3. Aggregation switch shall include primary redundant power supplies.
- 2.5.4. Aggregation switch shall include primary central processing units.
 - 2.5.4.1. Central processing cards shall include a minimum 2 100/1000Base-T LAN ports.
 - 2.5.4.2. Central processing cards shall include a minimum 2 100/1000Base-T Fiber ports.
- 2.5.5. Aggregation switch shall include 4 field communications cards
 - 2.5.5.1. Field communications cards shall be capable of communications with a minimum of 32 copper pairs per card.
 - 2.5.5.2. Field communications cards shall be capable of up to 100Mbps Add-drop device shall include 2, 100/1000Base-FX, fiber ports.
- 2.5.6. Aggregation switch shall include compatible, 100-foot interface cable for connected to up to 128 copper pairs.
 - 2.5.6.1. Interface cable shall be configured to communicate
- 2.5.7. Aggregation switch shall be capable of remote management via DDOT's current MetaASSIST software.
 - 2.5.7.1. Aggregation switch shall operate at -40 to +74 Degree Celsius
 - 2.5.7.2. Aggregation switch shall operate at up to 95% relative humidity.
 - 2.5.7.3. Aggregation switch chassis shall be 19-inch EIC rack mountable

36 FURNISH AND INSTALL 8-INCH, 10-INCH, AND 14-INCH PRIVATE TEMPORARY WATER LINE: ITEM 300009

(A) GENERAL

Contractor shall furnish all plans, labor, equipment, materials and incidentals necessary to implement a temporary water piping system relocation or protection for the purpose of diverting existing water flow around a work area for the duration of the project in general conformance with DC Water standard specification and remove the existing private fire hydrant and connection piping.

Temporary water piping shall be used to maintain a continuous and reliable water flow during various phases of the Work.

REFERENCED SECTIONS of DC Water Standard Specifications 2020:
Section 33 13 00: Disinfecting Water Mains.

(B) SUBMITTALS

The contractor shall prepare a plan for any relocations or protection options and shall include but not limited to the following:

1. Layout with pipe diameters.
2. Locations and methods of connection to the existing system.
3. Water service connections by location and size.
4. Locations and elevations of temporary water piping.
5. Process for removal of existing hydrant and piping in the Red Parking Lot
6. Reconnection of existing private hydrants
7. Temporary pipe supports and anchoring requirements.
8. Thrust restraint methods, locations, and block sizes.
9. Materials to be used.

Contractor shall provide coordination with DGS on any work on the existing water system. This is a private water system and is not maintained by DC Water.

Contractor shall include in Project Schedule any temporary water piping activities including but not limited to:

- Sequencing and coordination of connecting to existing water mains.
- Pipeline inspections.
- Disinfecting the temporary water piping system.
- Activities required for handling water flow during construction as the system cannot be shut down as it supplies water to the existing SEH facility on East Campus.

(C) MATERIALS

Material and equipment used shall meet DC WATER TEMPORARY WATER PIPING STANDARD SPECIFICATIONS 33 29 50

(D) . CONSTRUCTION REQUIREMENTS

Contractor shall not operate hydrants or valves without express written permission of DGS

Temporary water pipe crossing streets and sidewalk access ramps shall be installed in a trench and shall not block or otherwise impede access to any sidewalk access ramp. The existing pavement shall be saw cut and excavated to a depth sufficient to contain the temporary water pipe. Cover temporary water piping with steel plates. Contractor shall protect all components of the temporary water piping system from vandalism and vehicular damage.

TEMPORARY WATER PIPING SYSTEM:

The Contractor shall supply, install, and maintain temporary water piping for water mains

removed from service for the project's operations. The work shall include but not be limited to:

- Installing temporary water piping materials including but not limited to pipe, valves, check valves, and backflow preventers.
- Connecting and disinfecting the temporary water piping system to the existing water main.
- Protecting the temporary water piping system from damage,

The existing water main shall not be removed from service until DGS has approved the installed temporary water piping system.

The temporary water main shall not be removed from service until DGS has accepted that temporary water main is no longer to serve private uses.

The installation of pipes and fittings shall be watertight and under the required pressure system. Care shall be exercised throughout the installation of any temporary pipe and service fittings to prevent polluting of any water line, or causing property damage, or contaminating any temporary service pipe system.

OPERATIONS AND SYSTEM MONITORING:

During temporary water piping activities, the Contractor shall maintain vehicular and pedestrian access, prevent damage to public and private property, prevent leakage from the temporary water piping system and, if pumps are required, minimize noise from pumps.

Repair any damage to public or private property caused by temporary water piping activities at no additional cost to DGS.

The Contractor shall be on-call 24 hours per day, seven (7) days per week and respond to and begin remedial action within 2 hours of being notified of a temporary water piping system leak or problem. The cost for repair of any portion of the temporary water piping system by DGS as a result of the Contractor not responding within a two (2) hour period and the projected cost of water lost as a result of any leak will be deducted from the Contractor's progress payment.

CLEAN-UP:

Clean up the entire project area after the work is complete and all testing accepted. Remove and dispose of all excess material and debris not incorporated into the permanent installation.

(E) MEASUREMENT AND PAYMENT

The unit of measure 8-inch, 10-inch & 14-inch Private Temporary Water Line will be Lump Sum. The payment includes all associated work with respect to the temporary or protected 10-inch and 14-inch private water mains fittings and appurtenances, and the removal of the existing private fire hydrant and connection piping as well as the connection of the existing private hydrant with the new 8-inch private water main, necessary fittings and appurtenances. This hydrant is near building 90. And it includes any other required connections using 8-inch private water mains, fittings, and appurtenances.

DCAM-21-CS-IFB-0001

Redevelopment St. Elizabeths East Campus – Pecan Street Infrastructure Improvements

Amendment 5

Attachment 4

Attachment J.1.13 – Elevated Steel Water Storage Tank Utilities



10

NOTES:

1. PUMP CONTROL ARE DESIGNED TO MAINTAIN A DISCHARGE PRESSURE OF 107PSI WHICH IS EQUIVALENT TO MAINTAINING THE EAST CAMPUS WATER TANK FULL. TYPICAL DEMAND IS SATISFIED BY A SINGLE PUMP. IN THE EVENT OF A HIGH DEMAND (EXAMPLE, FIRE FLOW EVENT), 2 ADDITIONAL PUMPS WILL START IN ORDER TO MAINTAIN THE DESIGN DISCHARGE PRESSURE AT 107PSI IN AN ATTEMPT TO KEEP THE WATER TANK AT FULL. ESTIMATED MAXIMUM FLOW AVAILABLE TO EAST CAMPUS HYDRANTS AT 20PSI IS IN EXCESS OF 4000GPM.
2. NOT ALL VALVES ARE SHOWN

DCAM-21-CS-IFB-0001

Redevelopment St. Elizabeths East Campus – Pecan Street Infrastructure Improvements
Amendment 5

Attachment 5

Responses to Questions About the IFB

DCAM-21-CS-IFB-0001

Responses to Questions About The IFB

Amendment 5 Attachment 5

No.	IFB Section Reference	Question	Responses
1	B.3 and J.2	In Section B.3.1, It states this is Lump Sum contract based on Attachment J.2. That is a unit price schedule. Please clarify if this is a "Unit Price" contract or "Lump Sum" . If it is Lump Sum based on the unit price schedule, please confirm any changes/additions/deletions to that quantity schedule (J.2) will be addressed through change orders.	See Amendment 5, Item No. 1 and Attachment 1
2	J.1.1, J.1.3 and J.2	Please clarify limits of Temporary Water Main and how many locations does that line get tied into? The plans are not clear, if the designer can please highlight the temp. runs in a different color, it would clarify the limits.	Sheets SW- 6 & SW-7 have been revised to clarify limits of the temporary water line potential relocations. This line must be protected or relocated within the project Limits of Disturbance by the contractor. Each tie-in has a note for that specific location. The quantity has been changed to LUMP SUM and now includes all 8, 10, and 14 inch private water line work, relocation, protection and installation. Item # 300009. See Special Provision # 36, Attachment J.2 and J.1.1.
3	Miscellaneous	Is there any utility relocation anticipated by Verizon or any other telecom companies during this project, within the project limits and the 270 Day timeframe?	The pole in at the MLK intersection of Pecan is being relocated at this time by Verizon and should be completed by the end of April 2021. A public Space permit via TOPS is to be submitted by DGS to relocate the existing streetlight on that pole at DGS cost.
4	J.1.1 and J.1.3	Is the stockpile material on site, in front of Building 90, suitable for backfill? It seemed too wet and may have issues with gradation and compaction. Please clarify.	The stockpile shall be considered as part of cut/fill if the contractor performs the necessary Soil Test and if it meets the DDOT Standard specifications. No Soil evaluation was done for the Stockpile materials during the Design Phase. The work associated with the stockpile material is quantified in Item 204002 - Embankment Fill. An addendum will be issued to include item 204002 and revise Item 204004. See Special Provision # 19 and Attachment J.1.1
5	J.2	Is the excavation for sediment traps shown on ES plans paid under common excavation?	All work associated with Erosion and Sediment Control will be Lump Sum per DDOT Gold Book Section 618.03. The excavation for the Sediment Traps in ES Plan are not included and paid under Common Excavation, and will be paid in Lump Sum (Bid Item# 618002). See Attachment J.2
6	J.2	Plans are showing Retaining wall in front of Building 90, under which items they will be compensated?	Retaining wall pay items are included in Items 703006, 205002, 206002, 208002, 601004 and 711004. See Attachment J.2
7	J.2	Is the unit of measurement for Item 630 (Bio-retention soil) supposed to be CY, instead of SY? Please clarify.	Unit of measurement is to be Cubic Yards (CY) See Attachment J.2
8	J.4	Can "Paving and Incidental grading" rates be used under the proposed wage determination?	Paving and Incidental Grading rates are included in the wage determination. See Attachment J.4.
9	Miscellaneous	Can you please share the attendees at the site visit and the pre-bid meeting?	See Amendment 3.
10	J.1.3	Please clarify if only Verizon Approved contractors are allowed to install underground infrastructure. The spec provides an old list from SHA project of approved Verizon contractors but does not state we have to use them. In DC, DCI are the only contractor approved to install Verizon infrastructure in Public space, but I believe this site is considered private property.	Verizon approved contractors are required in public space at MLK for tie into existing systems. Otherwise on private property Verizon approved contractors are not required. Verizon inspectors must be notified by the contractor when work is to be performed in private space to allow Verizon inspections prior to backfilling or pouring of concrete for duct banks. See Special Provision # 13
11	J.1.3	Are only PEPCO approved contractors allowed to install PEPCO Infrastructure?	Pepco work in public space at MLK requires a Pepco approved contractor. Otherwise on private property, Pepco approved contractors are not required. Pepco inspector must be present before backfilling or pouring of concrete for duct banks. See Special Provision # 12
12	J.1.1	The "Pecan Street - DDOT Public Streetlight Schedule" list PL1 and PL2 with 400W MH Mongoose fixtures, DDOT usually uses 200W LED Tear Drop fixtures. Please confirm which fixture type to use.	In this location existing private lights are being reused and the facilities are not in DDOT public space or future public space. See Attachment J.1.1.
13	J.1.1 and J.1.3	For Traffic Signal plans please provide detailed spec and/or detailed drawing for proposed 15' Steel traffic pole with transformer base, DDOT standards usually call for 20' Steel traffic signal pole.	A detailed drawing for proposed 15' Steel traffic pole with transformer base has been added and special provisions included in IFB. See Special Provisions # 32 and Attachment J.1.1
14	J.1.1 and J.1.3	For Traffic Signal Plans please provide detailed spec and/or detailed drawing for proposed 5' pedestrian pole.	A detailed drawing for proposed 5' Pedestrian pole with transformer base has been added and special provision is in IFB. See SP # 33 and J.1.1
15	J.1.1	For traffic signal plan please specify if proposed lighting fixture for TS5/L1 is to be 110W LED Cobra head or 110W LED Tear drop.	110W LED Teardrop.
16	J.1.1 and J.1.3	For communications plans, usually DDOT personnel is required to terminate fiber optic or copper communication cable. Please confirm it is the contractor's responsibility to terminate fiber optic/ copper communications cable.	DDOT personnel will terminate the fiber optic or copper communication cable. See Special Provision # 35 and Attachment J.1.1
17	B.3.1	Please confirm the contractor may rely on DGS's bid quantities for equitable payment of all bid items. B.3.1 "Lump Sum Price" implies there will not be any variance in quantities paid. For example, bid item 1055 Chain Link Fence 8' Ht 1,200 LF. In the event the contractor installs say 1250 or 1150 lf, will the actual payment reflect actual quantities performed?	See Amendment 5, Item No. 1 and Amendment 5 Attachment 1.
18	F.1	Will DGS consider extending the contract completion date from 270 days to at least 365 days to give other than the very largest contractors an opportunity to successfully bid this contract?	The 270-Day Contract Completion will not be extended. The contract completion duration is crucial to hospital construction as well as other projects on the St. Elizabeth Campus.
19		On page 40 of 83, H.6 Living Wage Act, it states that "The Living Wage Act is applicable to this contract". Please clarify which takes precedence. The Living Wage Act, or the Davis Bacon wages in the contract?	Bidder shall comply with both laws, which are <u>minimum</u> rates. So the higher rate will be applicable.

No.	IFB Section Reference	Question	Responses
20	J.4	The Davis Bacon wages included, are for Heavy Construction (Including Water and Sewer). A good portion of this work will be for roadway construction, sidewalks, curbs, and incidental grading. Please confirm that for the portions of work that pertain to such work, the rates for operators, labor, cement masons, and asphalt operations will be under the applicable “Paving and Incidental Grading” Davis Bacon Rates.	The wage rates for Heavy Construction are applicable, which includes rates for Paving and Incidental Grading for work that falls under that description
21	H.7.1.1 and H.7.1.2	As a long time, local District based CBE contractor, we appear exempt from Sections H.7.1.1 and H.7.1.2. We do intend to have numerous subcontractors to augment our forces. This section states that “...if it subcontracts, 35% of the subcontracting shall be with CBE’s.” If CBE’s are not available for subcontractor efforts, will other MBE/WBE’s satisfy this requirement? Does a MW/BE require DC DOT certification, or will Maryland of Virginia certifications(s) will suffice?	See Sections H.7.2 and H.31 (b). Firms must be certified by the District's Department of Small Local Busiuness Development.
22	I.9	On page 62 of 83, it calls for “Professional Liability Insurance” Since this is not a design build contract, can this requirement be waived?	Yes. See Amendment 5, Item No. 4 and Amendment 5 Attachment 2.
23	Miscellaneous	Please ascertain any contractor or subcontractor that performs Pepco or Verizon work on this contract must be on approved per Pepco/Verizon.	see responses to questions 10 & 11
24	J.1.1	Are there any utilities feeding the water tower that will need to be disconnect, such as electric, communications, etc.?	Communication antennae are not active at this time and can be removed prior to demolition. See J.1.1
25	J.1.1 and J.1.3	Who will provide materials for communications and any other trade-specific work?	Verizon underground system the cables will be installed by Verizon after the conduits and manholes are completed by contractor. Contractor to provide onsite coordination during cable installation. See Special Provision # 13 and J.1.1
26	C.5.13 and J.1.4	Are there anticipated hazardous materials to be encountered?	Refer to C.5.13 in the IFB, CCR Plan included in Attachment J.1.4 and Special Provision #21 for Structure Demolition -Steam Tunnel in Attachment J.1.3. Attachment J.1.4 See Amendment 5 Item No. 7. Note that hazardous material is not unsuitable and not contaminated soil.
27	J.1.1 and J.1.3	Is the material currently stockpiled on Pecan Street, adjacent to the vacant building, suitable for use in fills/embankments?	Refer to the response in Question 4.
28	Miscellaneous	What is the date anticipated for NTP for construction?	NTP is expected on or about 4/1/2021.
29	Miscellaneous	Are the plans complete and approved by all agencies and third parties like DDOT, DC Water, Verizon, etc.?	All permits and approvals are anticipated by early April 2021.
30		Can the various phases of the project be pursued concurrently?	As long as uninterrupted access it provided to shelter it might be possible to reduce the total number of MOT phases, but south parking lot/shelter entrance cannot be closed until new vehicle and pedestrian access is completed to the shelter. See Attachment J.1.1
31	J.1.2	Is wet material considered unsuitable due to in situ moisture?	See 203.03 in the DDOT Standard Specifications.
32	J.1.2	What are the CBR requirements for off-site borrow/embankment material?	Borrow Embankment Backfill shall comply with the requirements of DDOT Standard Spec 804.02. Base Course and Structural backfill shall be in accordance with DDOT Standard Spec 804.04.
33	B.3	Is this a lump sum? If so, are there any allowance items and what are those intended for?	See Amendment 5, Item No. 1 and Amendment 5 Attachment 1.
34	J.1.2	Can we use the demolished concrete and asphalt in our embankments in lieu of borrow material and how will that be measured and paid?	Embankment Backfill shall comply with the requirements of DDOT Standard Spec 804.02
35	H.5.3	On page 39 of 83 under H.5.3.: Does this contract and new hire requirements fall under the First Source Employment Agreement Act of 1984, or as amended in 2011 with the “Reform of first Source Amendment Act of 2011”? The first sentence starts with “If applicable”. Please clarify if the 2011 Amendment is applicable to this contract.	Yes, it is applicable.
36	J.1.1	Item 205009 refers to the demolition of the existing steel elevated storage tank. Can we get additional information on this tank, such as as-built showing the connections to be abandoned?	Additional schematic plans have been included in amendment for information only. No guarantee to accuracy of the plans. None of the antennas are active per DMPED. See SP # 22 and J.1.13.
37	J.1.3 and J.2	The cost of Line 0725, Item# 614999 – PEPCO charge for connection/inspection and line 0810, item # 614999 Payment to PEPCO for Connection, Disconnections, Inspection depends on Pepco's discretion. The District typically provides a lump sum cost for these items. Can you provide us the price of these items?	PEPCO indicated no charges for Pecan. These bid items would be for only the costs of the contractor to make any connections in the field. PEPCO charges are in the DGS allowance and not in these bid items. See SP # 12 and J.2
38	J.2	Item 604006 on J.2 calls out chain link fence, 8ft ht, while drawing plans HD-1, HD-2, HD-3 labeled the chain link fence to be 6 ft ht. Please let us know whether this is an 8ft or a 6 ft high chain link fence. What kind of finish is required (galvanized or black coated)? What do you mean by mesh backing? Is this a screen on the permanent fence?	Mesh is meant to be screening. Fence shall be black coated Type IV Polyvinyl Chloride coated fence per DDOT Spec 604.01 . Fence height is to be 8 Ft. Notes on HD plans have been revised. See J.1.1
39	J.1.1	Specification page 19 mentioned that “No separate payment will be made for backfill materials or compaction in areas where the steam tunnel demolition is required.” Does this refer to existing materials to be used as backfill materials, or are these new materials to be used to backfill areas at the steam tunnel demolition?	This refers to all backfill required to fill the void vacated by the trench and steam tunnel to the original ground line. See SP # 21 STRUCTURE DEMOLITION – STEAM TUNNEL: ITEM 205 003

No.	IFB Section Reference	Question	Responses
40	B.3	This bid invitation is labeled as a lump sum as identified in Section B.3. It also provided a list of bid items on attachment J.2. Should the estimated quantity on J.2 be lesser than the actual measured quantity, can the contractor request a change order?	See Amendment 5, Item No. 1 and Amendment 5 Attachment 1.
41	I.9	I would ask for your consideration in amending the insurance requirements for the above Contract as follows:	
41a	I.9	Reduce the duration period for Contractor to carry the General Liability coverage from ten (10) years to two (2) years;	The District's Office of Risk Management has reviewed the scope of work and has established the insurance requirements accordingly. See Amendment 5, Item No. 4 and Amendment 5 Attachment 2 for the revised insurance requirements.
31b	I.9	Reduce the duration period for Subcontractors to carry the listed coverages from ten (10) years to one (1) year;	As indicated in Section I.9, Part A of the Insurance Requirements which states " Should the Contractor decide to engage a subcontractor for segments of the work under this contract, then, prior to commencement of work by the subcontractor, the Contractor shall submit in writing the name and brief description of work to be performed by the subcontractor on the Subcontractors Insurance Requirement Template provided by the CO, to the Office of Risk Management (ORM). ORM will determine the insurance requirements applicable to the subcontractor and promptly deliver such requirements in writing to the Contractor and the CO.
41c	I.9	Strike the requirement for a Subcontractor to be required to have Employer's Liability Insurance; in the alternative reduce the amount of insurance. to be consistent with the amount of the contract being performed;	See response to 42b
41d	I.9	Strike the requirement for a Subcontractor to be required to have Environmental Liability Insurance; in the alternative reduce the amount of insurance to be consistent with the amount of the contract being performed;	See response to 42b
41e	I.9	Strike the requirement for a Subcontractor to be required to have Cyber Liability; in the alternative, reduce the amount of insurance to be consistent with the amount of the contract being performed;	See response to 42b
41f	I.9	Strike the requirement for a Subcontractor to be required to have Professional Liability; in the alternative, reduce the amount of insurance to be consistent with the amount of the contract being performed;	See response to 42b
41g	I.9	Strike the requirement for a Subcontractor to have a Commercial Umbrella or Excess Liability Insurance in the amount of \$15,000,000.00.	See response to 42b
42	J.1.3	Typically on all DDOT jobs where PEPSCO utilities are to be installed, PEPSCO provides the pipes, fittings, manholes, vaults, frame and cover, and other appurtenances. Will PEPSCO provide these on this bid invitation? What are the materials PEPSCO will provide on this project?	Pepco will supply a material control letter that will allow the contractor to pick up the material from a Pepco approved supplier. Cost to be borne by contractor for materials purchasing, delivery, and installation of all materials available from Pepco. See Special Provisions # 12.
43	L.17	Based on L.17.C we have assumed that the RFP, page 1-83, are to be added to our bid proposal submission. Please confirm?	Yes. The response should include items a - m in the order they are listed. Please ensure that all required forms/attachments are returned completely filled out.
44	J.1.1.4	Link to Attachment J.1.4 is not available. Please provide PDF.	See Amendment 5, Item No. 7.
45	J.6	Link to Attachment J.6 is not available. Please provide PDF.	There is not an Attachment J.6. Attachment J.6 provides the heading for the two Attachments that follow, Attachment 6.1 and 6.2
46	J.1.3	Is there a Hazmat Survey for the Steam Tunnel? If not, assume testing and abatement of all existing pipe insulations/manholes associated with the demolition of the Steam Tunnel?	Refer to Special Provision #21 - STRUCTURE DEMOLITION – STEAM TUNNEL: ITEM 205 003
47	Miscellaneous	Please provide a list of Items, Schedule of Requirements, Scope of Work, Terms of Reference, Bill of Materials required.	Please see Invitation for Bid DCAM-21-CS-IFB-00001 available at https://dgs.dc.gov/event/dcam-21-cs-ifb-0001-redevelopment-st-elizabeths-east-campus-pecan-street-infrastructure
48	Miscellaneous	Please send a Soft Copy of the Tender Document through email.	Soft Copies of the IFB are not provided.
49	Miscellaneous	Please provide names of countries that will be eligible to participate in this tender.	Countries eligible to contract with the United States may participate.
50	Miscellaneous	Please provide Information about the Tendering Procedure and Guidelines	The District's procurement laws and regulations are available at https://ocp.dc.gov/page/laws-regulations
51	Miscellaneous	What is the estimated Budget for this Purchase	The District is not providing an estimate or range for this project.
52	Miscellaneous	Any Extension of Bidding Deadline?	Amendments, extensions, have been posted on the DGS web site at https://dgs.dc.gov/event/dcam-21-cs-ifb-0001-redevelopment-st-elizabeths-east-campus-pecan-street-infrastructure
53	Miscellaneous	Any Addendum or Pre Bid meeting Minutes?	Amendments and any IFB related documents are posted to the DGS website and available at https://dgs.dc.gov/event/dcam-21-cs-ifb-0001-redevelopment-st-elizabeths-east-campus-pecan-street-infrastructure