Government of the District of Columbia
Department of Transportation

d. Office of Contracting and Procurement

DISTRICT ARCHITECT AND ENGINEER ("A/E") SCHEDULE TASK ORDER ("TO") SOLICITATION

Date: April 9, 2024
Category of Services: Category A – Roadway Design Title: Request for Qualifications ("RFQ"), Anacostia Riverwalk Trail (ART) - Neighborhood Access – Task 1. Preliminary Trail Design. Task 2**.** Final Design and PS&E
Solicitation No. OCPTO220079

1. BACKGROUND

The Anacostia Riverwalk Trail (ART) Neighborhood Access project aims to provide much-needed access to the 30-mile ART system for thousands of residents who currently lack safe access to the river or a secure bicycle facility. The project includes four sub-projects: ART to G Street SE Connector, Deane Ave Pedestrian Improvements, Water St SE Trail Improvements, and The Wharf/Tidal Basin Connector, which will offer new access points to the ART at G St SE, Deane Ave NE, and Water St SE, as well as to fill the ART gap between The Wharf and the Tidal Basin area. Figure 1 illustrates the ART network's four sub-projects in NE, SE, and SW.
To achieve these goals, the District Department of Transportation (DDOT) is seeking a Preliminary Trail Design (30%) Plan (Task 1) and the associated deliverable documents to be further developed for final design (Task 2).

1.1. **Project Location:** The figures below highlight the ART in blue and the sub-projects included under this project in red.

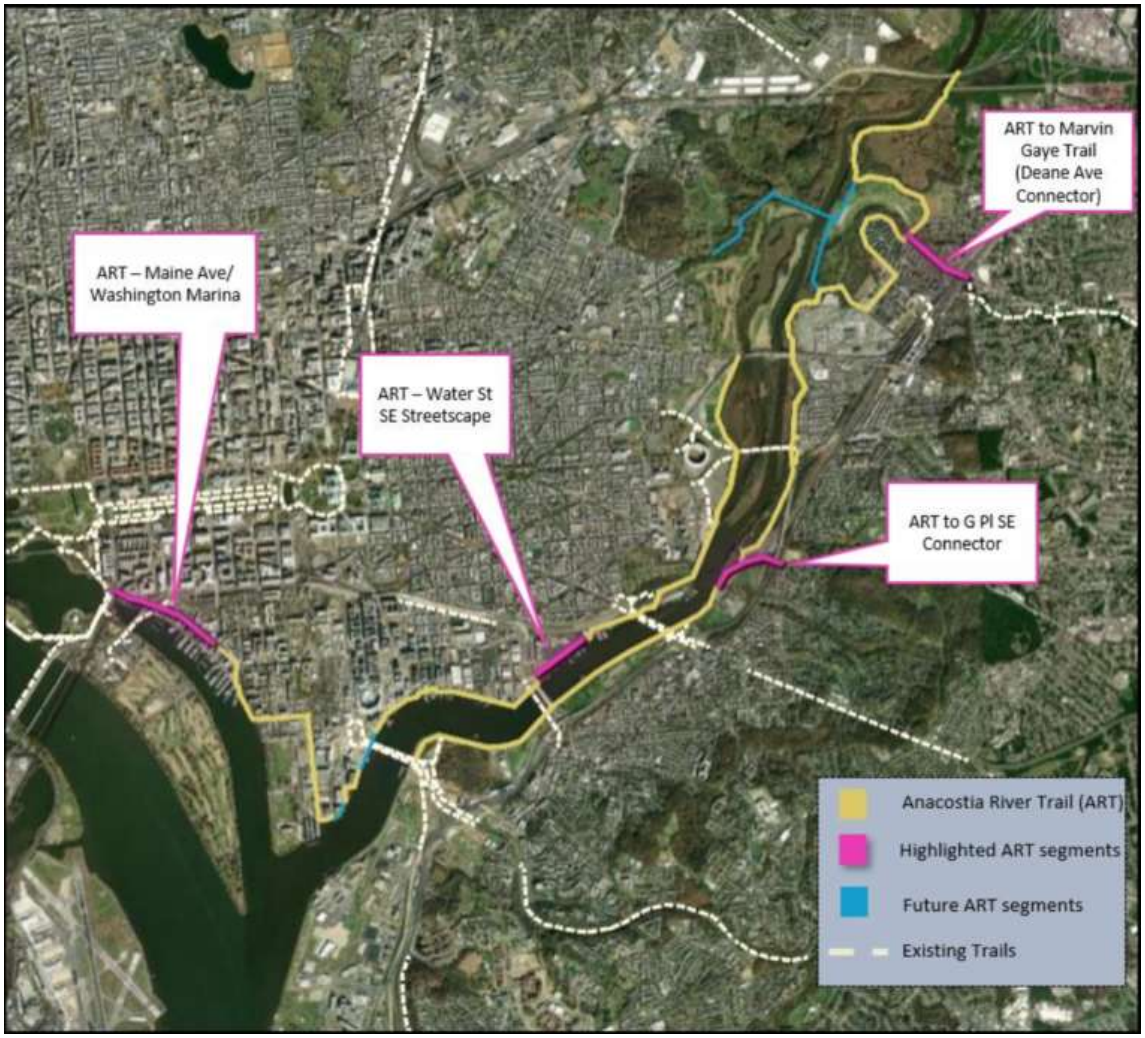
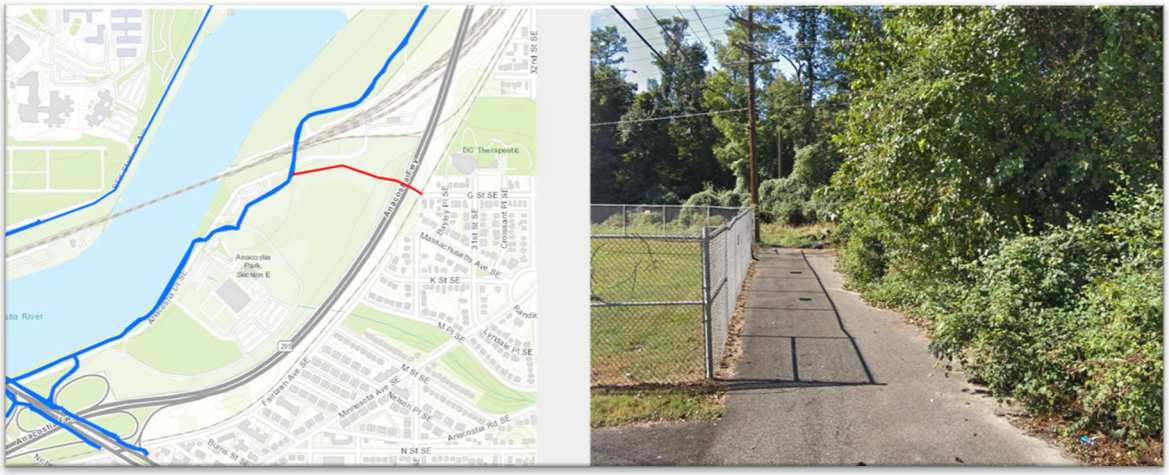


Figure 1. Anacostia Riverwalk Trail (ART) network in NE and SE. The G St SE Connector, Dean Ave NE Connector, Water St SE Streetscape and Wharf/Tidal Basin Bike Lane sub-projects are shown in magenta.

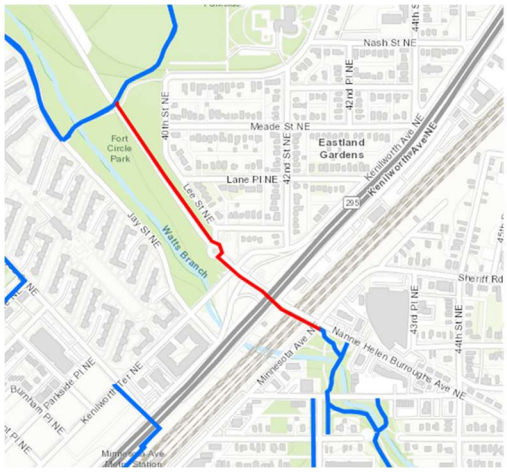
Limit of Work:

The project area includes three sections of the Anacostia Riverwalk Trail:

ART to G St SE Connector: Connecting the Penn Branch neighborhood to the ART with a new multi-use trail that crosses under DC-295 (approximately 1150 LF)

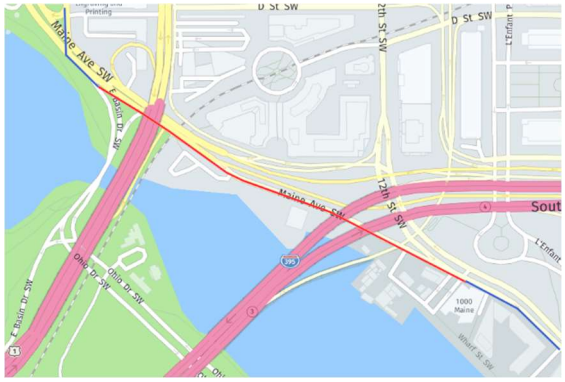


Deane Ave NE Pedestrian Improvements: Widening existing sidewalk by narrowing travel lanes underneath railroad and 295; establishing a connection between Marvin Gaye Trail and ART. (approximately 2150 LF)



Water St SE Streetscape project: Design ART and streetscape on Water St SE. (approximately 2200 LF)

The Wharf/Tidal Basin Connector project: Reconfiguring Maine Avenue, SW to connect the Wharf and the Tidal Basin area (approximately 2150 LF)



2. TASK ORDER COMPETITION

The district is soliciting qualifications from three (3) firms awarded an A/E schedule containing Category A – Roadway Design including the provisions of the A/E contract. One Specific rate of Compensation TO award is anticipated. The three firms are:

- EXP U.S. Services
- PRIME AE Group, Inc.
- STV Incorporated

3. APPLICABLE DOCUMENTS:

Agency	Title	Website
DDOT	Design and Engineering Manual	https://ddot.dc.gov/node/466062
DDOT	Standard Specification of Highways & Structures, including Multi-use trail standards	https://ddot.dc.gov/node/466272
DDOT	Green Infrastructure Standards	https://ddot.dc.gov/GreenInfrastructure
DDOT	Standard Drawings	https://ddotwiki.atlassian.net/wiki/spaces/COM/pages/2069271070/Standards+and+Manuals#StandardsandManuals-StandardDrawings
DDOT	Environmental policy and Process Manual	https://ddotwiki.atlassian.net/wiki/spaces/COM/pages/2069271070/Standards+and+Manuals#StandardsandManuals-StandardDrawings
DDOT	Context Sensitive Design Guidelines	https://ddot.dc.gov/node/469752
DDOT	Bikeways Work Plan	https://ddot.dc.gov/page/bicycle-lanes#:~:text=In%202020%2C%20DDOT%20embarked%20on,and%20lower%2Dstress%20bicycling%20experience.
DDOT	Temporary Traffic Control Manual – Guidelines and Standards	https://ddot.dc.gov/sites/default/files/dc/sites/ddot/publication/attachments/ddot_work_zone_temporary_traffic_control_manual_2006.pdf
DDOT	Work Zone Safety and Mobility Policy	https://ddotwiki.atlassian.net/wiki/spaces/COM/pages/2069271070/Standards+and+Manuals#StandardsandManuals-StandardDrawings
DDOT	Right of Way Policies and Procedures Manual	https://ddot.dc.gov/sites/default/files/dc/sites/ddot/page_content/attachments/DDOT%20ROW%20Manual%2020 19-07-31.pdf
DC WATER	DC Water Green Infrastructure Utility Protection Guidelines	https://www.dcwater.com/sites/default/files/Green%20Infrastructure%20Utility%20Protection%20Guidelines.pdf
DDOE	Stormwater Management Guidebook	https://doee.dc.gov/swguidebook
DDOE	Standards and Specifications for Soil Erosion and Sediment control, 2003	https://dmv.dc.gov/sites/default/files/dc/sites/ddoe/publication/attachments/Introduction.pdf
WMATA	Adjacent Construction Project Manual,	https://www.wmata.com/business/adjacent-construction/upload/acpm-rev-5a-09-21-15.pdf
AASHTO	A Policy on Geometric Design of Highways and Streets (The “Green Book”)	https://store.transportation.org/item/collectiondetail/180
AASHTO	Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals	http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_494.pdf
AASHTO	Guide for Development of Bicycle Facilities	https://nacto.org/wp-content/uploads/2015/04/AASHTO_Bicycle-Facilities-Guide_2012-toc.pdf
AASHTO	An Informational Guide for Roadway Lighting	https://safety.fhwa.dot.gov/roadway_dept/night_visib/lighting_handbook/pdf/fhwa_handbook2012.pdf
NACTO	Urban Bikeway Design Guide	http://www.ocpcrpa.org/docs/projects/bikeped/NACTO_Urban_Bikeway_Design_Guide.pdf
FHWA	Manual on Uniform Traffic Control Devices, MUTCD	https://ddot.dc.gov/node/466292
FHWA	Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data , ASCE 38-02	https://www.asce.org/Product.aspx?isbn=9780784406458
FHWA	Roadway Lighting Handbook	https://safety.fhwa.dot.gov/roadway_dept/night_visib/lighting_handbook/
NACTO	Urban Bikeway Design Guide	https://nacto.org/publication/urban-bikeway-design-guide/
DDOT	Bicycle Facility Design Guide V2	Link

4. SUBCONTRACTING REQUIREMENTS

The DBE goal for this Task Order is 20% with the following provisions:

a) Unless the Director of the Department of Small and Local Business Development (DSLBD) has approved a waiver in writing, for all contracts in excess of $250,000, at least 35% of the dollar volume of the contract shall be subcontracted to qualified small business enterprises (SBEs).
b) If there are insufficient SBEs to completely fulfill the requirement of paragraph (a)(1), then the subcontracting may be satisfied by subcontracting 35% of the dollar volume to any qualified certified business enterprises (CBEs); provided, however, that all reasonable efforts shall be made to ensure that SBEs are significant participants in the overall subcontracting work.
c) A prime contractor that is certified by DSLBD as a small, local or disadvantaged business enterprise shall not be required to comply with the provisions of sections (a)(1) and (a)(2) of this clause.
d) Except as provided in (a)(5) and (a)(7), a prime contractor that is a CBE and has been granted a bid preference pursuant to D.C. Official Code § 2-218.43, or is selected through a set-aside program, shall perform at least 35% of the contracting effort with its own organization and resources and, if it subcontracts, 35% of the subcontracting effort shall be with CBEs. A CBE prime contractor that performs less than 35% of the contracting effort shall be subject to enforcement actions under D.C. Official Code § 2-218.63.
e) A prime contractor that is a certified joint venture and has been granted a bid preference pursuant to D.C. Official Code § 2-218.43, or is selected through a set-aside program, shall perform at least 50% of the contracting effort with its own organization and resources and, if it subcontracts, 35% of the subcontracting effort shall be with CBEs. A certified joint venture prime contractor that performs less than 50% of the contracting effort shall be subject to enforcement actions under D.C. Official Code § 2-218.63.
f) Each CBE utilized to meet these subcontracting requirements shall perform at least 35% of its contracting effort with its own organization and resources.
g) A prime contractor that is a CBE and has been granted a bid preference pursuant to D.C. Official Code § 2-218.43, or is selected through a set-aside program, shall perform at least 50% of the on-site work with its own organization and resources if the contract is $1 million or less.

5. PROJECT MANAGEMENT

The consultant shall keep the DDOT Contract Administrator (CA) informed of all dealings with various offices, agencies, stakeholders, and utility companies as well as any delays.

The consultant shall also coordinate efforts on this project with other ongoing projects in the project area.

6. STATEMENT OF WORK ("SOW")

The scope of work will consist of field survey, cadastral survey, and creating preliminary engineering plans for trail construction. The scope of work includes, but is not limited to, the following work items:

A. Field Survey and Mapping Update:

Perform update of previous field surveys/mapping and update plans to complement the assigned specific trail and stream design project as well as other engineering tasks as may be required, including but not limited to:

- *Topography* - Update all field surveys required for mapping and referencing within the established project limits. Locate existing streets/bridge, trees, walls, steps, and street level utility appurtenances including manholes & headwalls, ROW lines, building restriction lines, existing topography under and outside of the bridge structures and other physical and legal features within the limits of the project.
- *Topographical Map* - Update a topographical map to show property ties, stations, elevations, and controls.
- *Cross Sections* - Update cross sections at 50 ft. intervals for the existing streets and stream along the center line, quarter points, flow lines, tops of curbs, edges of sidewalks, and steps, providing full coverage of the area within the limits of the project.
- *Horizontal Control* - Furnish horizontal control in the State Plane Coordinate System of the State of Maryland unless otherwise directed.
- *Traverse points* - Perform a series of conventional horizontal control (the State Plane Coordinate System of the State of Maryland) and vertical control (DC Datum)) traverses for each street and highway project unless directed otherwise by the Project Manager. The traverse will consist of permanent points set in stable material that will not be disturbed during construction. Tie each traverse point to a minimum of three permanent structures to assist in future recovery.
- *Global Positioning* - Use Global Positioning System (GPS) equipment to transfer controls to a project street/highway and bridge that is not within two thousand (2,000) ft. of an existing control.
- *Survey Permission* - Permits to perform field surveys are required from the National Park Service. Notify in writing the Project Manager and the adjoining property owners and communities prior to commencing the survey work.

- *Survey limits* - The width of the survey limits for each street will be from ROW line to ROW line where it can be easily determined. In areas where a ROW line can only be determined by performing a boundary survey, this survey will be required.
- *Plans* - Incorporate all information into the 30% plans including the subsurface utility engineering (SUE) information and cross section drawings.

B. <u>Geotechnical Services:</u>

- Perform supplemental geotechnical services and prepare plans. Perform additional soil borings for pavements, retaining walls, and bridges-type structures, including boring logs, test-cores, laboratory tests, analyses, and recommendations for appropriate action. Perform geotechnical services to support the Anacostia Riverwalk Trail system project.
- Geotechnical investigations include drilling for various structures and preparation of a final report with appropriate foundation recommendations. Geotechnical investigations were needed to examine sites of proposed structures, such as bridge foundations (piling, caissons, or spread footings), retaining walls, and ground anchors. The Materials and Geotechnical Consultant shall provide assistance in areas such as foundation construction related problems during pile driving, caisson construction and footing excavations.
- The Geotechnical Consultant shall perform and document the following items per DDOT DEM:
- Preliminary Soil Survey Report
- Preliminary Geotechnical Engineering Report
- Final Geotechnical Engineering Report
- Provide recommendations for designs and construction of the proposed roadway permeable and non-permeable pavements.
- Permeable pavement design will include storage capacity of sub-base and soil permeability rates.
- Examine sites of proposed structures and identifies need for utility clearances.
- Perform drilling of proposed borings and collect samples of subsurface materials.
- Assign laboratory testing of samples per DEM requirements.
- Prepare foundation report for support of proposed pedestrian Bridge and retaining wall to indicate type and bearing capacity of recommended foundation.
- Provide recommendations on the limits of existing pavement structure removal under the proposed trail.
- Proposed soil stability of proposed slopes and recommendations to enhance stability of final slopes.
- Provide recommendations for earthwork for construction of load bearing fills including assessments of onsite sites to be excavated for re-use as fill.

- Provide recommendations regarding rock excavation for the proposed site development.
- Prepare Engineering Geology Plan Sheets. Submit report and plan sheet to the appropriate agency or division.
- All proposals and Geotechnical Reports must be submitted to the Materials Engineer for comments. Requests for drilling and geotechnical studies must be submitted during the design phase together with site plan sheets and cross-sections as needed. Drilling, lab testing, and report preparation shall be completed in four to six weeks.

C. Archeological Investigation

- The Contractor shall perform Archaeological investigations for segments on National Park Service property within which trails will be installed or widened, new bridges placed, streambeds stabilized, utilities installed or moved, storm water drainage systems installed, and various improvements (landscaping, retaining walls, lighting, and signage, among others) installed to complete the Phase IA archaeological assessment to identify areas to conduct Phase Ib archaeological investigations of Anacostia Riverwalk Trail – Neighborhood Access. Investigation will also include:
- ARPA Permit/Work Plan Preparation.
- Background Review
- Elevation Change (Cut & Fill) Analysis.
- Field Investigations.
- Artifact Analysis.
- Site Form Preparation
- Report Preparation.

D. Subsurface Utility Engineering (SUE):

- Underground utilities will be verified in accordance with the District of Columbia Department of Transportation (DDOT) Scope of Work - Non-Project Specific Subsurface Utility Engineering and Utility Coordination Services. Utility will be required up to Quality Level C.

E. Hydrology & Hydraulics:

- Work under this part of the Scope of Services focuses on flooding, channel stability, property damage, and ecological function issues in the Anacostia Riverwalk Trail system, with coordination with National Park Service (NPS) on stream conditions and impacts on Anacostia Riverwalk Trial. It also includes water quality analysis and

design for compliance with the District Department of Environment (DDOE) stormwater management regulations. The scope includes final stream restoration design utilizing the solutions identified during the Environmental Assessment. The designer shall work with DDOT staff and a DDOT-appointed stakeholder group during the design, participating in key meetings throughout the process.

F. Stakeholder Coordination

The Consultant shall assume preparation for and attendance and development of post-meeting summaries of one coordination meeting with stakeholders. Stakeholders may include but are not limited to: NPS, WMATA, PEPCO, SHPO, DC WATER, NCPC, CFA, DOD, DOEE, CSX, DPR, DMPED, SWBID, and Washington Gas.

G. Environmental Inventory

The Consultant will develop an environmental inventory including all supporting analyses and documentation to aid in completing the DDOT Project Development and Environmental Review Checklists (DDOT Form I and Form II) which are anticipated to address the categorical exclusion (CE, i.e., CE-1 or CE-2) class of action under National Environmental Policy Act (NEPA). Resource sections in the Environmental Inventory shall include existing conditions; including but not limited to land use ownership within the project area, current data, and interpretations, supported by maps and graphics.

Deliverables:

The district utilizes the District of Columbia Department of Transportation - Design and Engineering Manual, latest edition in determining the deliverables required under this TO. The consultant shall comply with the deliverable requirements for the tasks required as outlined in this TO RFQ.

7. PERIOD OF PERFORMANCE

7.1 Contract Term

The consultant shall complete preliminary design within the base period of performance (PoP) of twenty-four (24) months from award.

DDOT reserves the right to issue a contract modification based upon vendors performance and availability of funding for Final Design to be completed in accordance with DDOT DEM requirements.

8. INSTRUCTIONS TO OFFERORS

Qualification submissions are subject to the following requirements and limitations:

8.1. Submissions, in whole, shall not exceed 50 pages.

8.2. Organization and Content

8.2.1 Offerors shall submit qualifications on the Standard Form 330 to include all parts and sections via email to pramod.kumar@dc.gov. Inclusion of other materials by reference will not be considered.

8.2.2 SF 330, Section D, shall include key staff and the role as proposed for the project. Resumes shall be limited to one page per individual. All staff listed in the chart will be assumed to be fully committed to the project during the TO period.

Project Manager. The Project Manager shall have at least ten years of experience in design, and/or civil engineering of multi-modal transportation projects, including multi-use trails in an urban context. It is required that the Project Manager have a professional engineer's license in the District of Columbia.

Trail Design Lead. The Trail Design Lead shall have at least five years of experience in the planning and design of multi-use trails in an urban context. It is required that the Trail Design Lead have a professional engineer's license in the District of Columbia.

Additional Staff Requirements. In addition to the key personnel, the Team shall have staff with additional expertise. These personnel can be employed by the prime consultant or a subconsultant:

- Environmental Specialist
- Geotechnical Engineer
- Hydraulics Engineer
- Structural Engineer

- Traffic Engineer

8.2.3 SF 330, Section F, shall not exceed 5 projects that are similar in scope and scale. Project descriptions shall be limited to one page per project Each project shall present the actual work details that were performed by key staff in the proposed team organization.

8.2.4 Section H of the SF 330 should demonstrate an understanding of the requirement or expound upon the experience and qualifications presented in the context of the requested information and shall be limited to 15 pages. The answers provided will be evaluated as a part of the qualifications in accordance with the evaluation criteria in Section 10 of this TO RFQ.

8.2.4.1 Describe your understanding of the ART Neighborhood Access design complexities, and your experience and qualifications in overcoming the type of complexities identified on this or other bicycle or trail infrastructure projects in urban areas with many stakeholders.

8.2.4.2 Identify three important issues pertaining to the ART Neighborhood Access Trail, that represent significant potential risks to successful performance and describe your experience and qualifications in overcoming the type of issues and risks identified.

8.2.4.3 Provide qualifications and experience regarding implementing best practices and strategies for multi-use trail design in an urban context including:

- Best practices in multi-use trail design;
- Communication between stakeholders;
- Public Outreach;
- Experience utilizing QA/QC processes and their ability to ensure contract compliance;
- Identification, management, and mitigation of project risks;

8.2.4.4 Provide relevant information regarding Factor 3 - Past Performance. Offerors should note that Factor 3 relates to the administration of the experience with regards to cost control, quality of work, and compliance with performance schedules.

8.3 Qualifications are due on or before May 1, 2024, 2:00 PM (EST).

8.4 All questions must be submitted via email to the Contracting Officer, Mr. Pramod Kumar, at pramod.kumar@dc.gov. The DDOT will not consider any questions received less than seven (7) calendar days before the date set for submission of Standard Form 330.

9. EVALUATION OF QUALIFICATIONS

Your submission is an opportunity to present your firm's qualifications to perform the work. It is important that your qualifications highlight your firm's capabilities as it relates to the SOW and the evaluation criteria. The four (4) evaluation factors and their relative importance for this requirement are as follows:

1. Key Personnel Qualifications. Professional qualifications necessary for satisfactory performance of required services. (40 Points)

2. Specialized experience and technical competence in the type of work required; (30 Points)

3. Past performance on contracts with Government agencies and private industry in terms of cost control, quality of work, and compliance with performance schedules. In addition to each offeror's response to Factor 3 – Past Performance, the District may utilize additional Past Performance sources to include (a) District eVAL and (b) Publicly available information. (20 Points)

4. Capacity to accomplish the work in the required time; (10 Points)

Offerors are advised to pay close attention to the evaluation criteria, and ensure they address all aspects in their qualifications. The District will evaluate qualifications in accordance with this solicitation, and only consider information received in accordance with this solicitation.

Total Possible Points: 100

10. SCORING METHODOLOGY

The Evaluation Board will review the submittals with reference to the evaluation factors specified in Section 8, in accordance with the rating scale provided in this Section and will assign a quantitative rating for each of the evaluation factors.

a. Rating Scale

Numeric Rating	Adjective	Description
0	Unacceptable	Fails to meet minimum requirements; e.g., no demonstrated capacity. Proposer did not address the factor.
1	Poor	Marginally meets the minimum requirements; major deficiencies are present.
2	Minimally Acceptable	Marginally meets minimum requirements; minor deficiencies are present.
3	Acceptable	Meets requirements; no deficiencies.
4	Good	Meets requirements and exceeds some requirements; no deficiencies.
5	Excellent	Exceeds most, if not all requirements; no deficiencies.

b. Application of Rating Scale

The rating scale is a weighting mechanism that will be applied to the point value for each evaluation factor to determine the Offeror's score for each factor. The Offeror's total score will be determined by adding the Offeror's score in each evaluation factor. For example, if an evaluation factor has a point value range of zero (0) to fifty (50) points, using the Rating Scale above, if the District evaluates the Proposer's response as "Good," then the score for that evaluation factor is 4/5 of 50, or 40 points.

11. CONTRACT ADMINISTRATOR (CA)

Name: Yashar Evrin; Title: Civil Engineer
Agency: District Department of Transportation
Address: 250 M Street, SE, Washington, DC 20003
Telephone: 202.744.7519; Email: yashar.evrin@dc.gov

12. CONTRACTING OFFICER (CO)

Name: Pramod Kumar; Title: Supervisory Contract Specialist/Contracting Officer
Agency: Office of Contracting and Procurement
Address: 55 M Street, S.E., 7th Floor, Washington, D.C. 20003
Email: pramod.kumar@dc.gov

Sincerely,

Pramod Kumar
Supervisory Contract Specialist

Pramod Kumar Digitally signed by Pramod Kumar Date: 2024.04.09 10:29:54 -04'00'