

**CERTIFICATION OF PUBLICATION
CITY OF BALTIMORE
OFFICE OF BOARDS AND COMMISSIONS
PUBLIC NOTICE**

**REQUEST FOR PROPOSAL - PROJECT NO. 1422
WATER MAIN CONDITION ASSESSMENT, ANALYSIS AND LONG-TERM MONITORING**

The City of Baltimore Office of Engineering and Construction (OEC) has been authorized to request the Office of Boards and Commissions (OBC) to advertise Project 1422 for the selected services for the City of Baltimore from qualified Engineering firms.

The City intends to select the services of one (1) firm for a period of five (5) years, with options to extend for five (5) additional one (1) year terms at the City's discretion, for an initial fee not to exceed \$14,000,000 for the selected firm. The Office of Engineering and Construction (OEC) reserves the right to have a second interview with eligible consulting firms.

DPW encourages all contracting firms that have the experience and capacity to work on this scope to submit their proposals. All firms must demonstrate and document their capacity and resources to deliver the required services on time. Projects must comply with the 2006 edition of "The Specifications for Materials, Highways, Bridges, Utilities and Incidental Structures" and the latest technical specifications provided by DPW. City personnel will utilize the City of Baltimore Guidelines for the Performance Evaluation of Design Consultants and Construction Contractors for this contract/project.

Should you have any questions regarding the scope of the Project, please contact Mr. Harpreet Singh at (410) 396-0009 or by e-mail at Harpreet.Singh@baltimorecity.gov

Introduction

The City of Baltimore's Department of Public Works (DPW) is seeking an engineering firm specializing in water pipeline condition assessment, remaining service life analysis, and long-term monitoring for water mains in the Baltimore Metropolitan area. These transmission and distribution mains consist mostly of Pre-stressed Concrete Cylinder Pipe (PCCP), Reinforced Concrete Cylinder Pipe (RCCP), ferrous mains (e.g. cast iron, ductile iron, and steel pipes), and raw water brick / bedrock / concrete supply tunnels. While the focus of the project will be on mains larger than 20 inches in diameter, the City may seek services for small diameter mains if needed. The City is taking a more strategic approach—one that goes beyond technical solutions to also consider operations, long-term financial planning, and affordability for residents.

Through this contract, DPW seeks a multidisciplinary engineering program management team to assist with:

1. Planning and performing condition assessments using various in-service and out-of-service tools.
2. Managing day-to-day program tasks and supporting coordination with the Bureau of Water and Wastewater.
3. Providing strategic planning for recommended rehabilitation, ongoing maintenance, and asset replacement, and leveraging expertise in regulatory compliance, workforce and capital planning, and system performance.

The selected team will work as an extension of DPW staff and must bring both technical and operational tools and expertise. DPW reserves the right to adjust the scope based on cost, consultant qualifications,

schedule, M/WBE participation, and overall performance.

The firms / teams interested in providing these services must demonstrate and document experience in the following:

1. Expertise and capacity to provide condition assessment and inspection of watermain 20 inches in diameter and greater, utilizing manned resources for visual and sounding inspection, and multi-sensor tools designed to operate effectively under various operating conditions, including under pressurized conditions, such as Smartball for leak detection and Pipediver, Robotics, Pipewalker for electromagnetic inspections of the PCCP, and Pipediver Ultra for metallic mains, and / or comparative technologies from other vendors such as Hydromax, Insight, and PICA. The firm must also have experience with forensics, pipe wall thickness and remaining useful life analysis of pipelines, and disinfection and chlorination of water mains based on AWWA standards in order to avoid any contamination of the potable water system following inspections.
2. Expertise and capacity to provide condition assessment and inspection of City's raw water supply tunnels (using multi sensor specialized Remotely Operated Vehicles (ROVs) that bring water to Treatment plants covering long distances upwards of 10 miles, to map and identify any issues such as rockfall, cracks, debris, etc.
3. Expertise and experience in Risk-Based Prioritization / Reprioritization to consolidate all inspection findings into a risk framework to identify high-priority assets for maintenance or capital improvements. This includes assigning criticality, assessing operational impacts, and supporting CIP/O&M decision-making.
4. Expertise and capacity to develop expedited construction-ready documents, including plans and designs for tap installation, dewatering, recharge of pipelines, and emergency repairs based on inspection findings. The firm must be capable of preparing bid-ready contract documents, including plans, specifications, cost estimates, schedules, and other supporting materials—necessary for the procurement of construction contractor services related to planned water system rehabilitation and replacements.
5. Expertise in developing inventory and geographical information system (GIS) layers and databases for water assets to document asset location and inspection findings, and any pipe rehabilitations based on findings.
6. Expertise and capacity to provide permanent monitoring systems for watermain, including installation, operation, maintenance of advance event notification, and management of the Acoustic Fiber Optic (AFO) in water mains to manage real time wire breaks and alerts in order to avoid any catastrophic breaks on the water mains.
7. Experience in public relations & outreach, permitting requirements & processing, coordination & compliance with Federal, State and Local regulations and agencies during all project phases.
8. Experience in developing and managing an overall contract team with both Minority and Women Business Enterprises.

Given that a significant portion of the work involves field activities related to the condition assessment of large-diameter water pipes, DPW requires firms to propose teams with the necessary expertise and capacity to perform highly specialized inspection, assessment, and analysis services as required by the project scope.

Key Personnel

The key personnel shall include but not be limited to the following.

- **Project Manager:** The Project Manager shall serve as the primary point of contact and lead for all programmatic activities under this contract. This individual must possess a minimum of five (5) years of progressively responsible experience in managing programs, capital improvement initiatives, and strategic planning efforts within a public water and/or wastewater utility. The Project Manager must hold a bachelor's degree in civil engineering or a related field from an ABET-accredited college or university. A Professional Engineer (P.E.) license in the State of Maryland is required. The Project Manager must be capable of coordinating with all stakeholders to ensure that work is completed in accordance with project specifications, schedule, and budget.
- **Senior Project Engineer:** Bachelor's degree in civil engineering or a related field from an ABET-accredited college or university, with experience in water and/or wastewater utility inspection and/or rehabilitation operations. Experience preparing concept design proposals and managing inspection contracts is preferred. Must be capable of coordinating with all stakeholders to ensure that work is completed in accordance with project specifications.
- **Data Manager:** Bachelor's degree in computer science or a related field from an ABET-accredited college or university, and a minimum of five (5) years of experience organizing, managing, and analyzing complex datasets. Experience with data trend analysis and working with GIS platforms such as Esri ArcGIS Pro is required.

Submittal Process

Each Firm responding to this Request for Proposal (RFP) Project #1422 is required to complete and submit **an original** Standard Federal Form (SF) 255 unless otherwise specified in this RFP. Provide one **(1) original** submittal, along with **five (5) additional** copies to the Office of Boards and Commissions at **4 South Frederick Street, Baltimore, Maryland 21202** on or prior to the due date by **NOON Friday, November 6, 2026**. Submittals will not be accepted after the due date (NOON) and cannot be emailed.

The Federal Standard Form (SF) 255 **cannot** be supplemented with additional pages, or additional information such as graphs, photographs, organization chart, etc. All such information should be incorporated into the appropriate pages. Applications should not be bound; simply stapled in the upper left-hand corner. Cover sheets should not be included. Inclusion and/or submittal of additional material may result in the applicant being disqualified from consideration for this project.

Firms interested in submitting a proposal for this Project, shall address a "Letter of Interest" to the Office of Boards and Commissions, or you may email: OBC.consultants@baltimorecity.gov. Letters of Interest will be utilized to assist small minority and women business enterprises in identifying potential teaming partners and should be submitted within five (5) days of the date of the project's advertisement. The Letter of Interest must provide the name and number of your firm's contact person. Failure to submit a "Letter of Interest" will not disqualify a firm submitting a proposal for the project.

Only individual firms (including, for example, individuals, sole proprietorships, corporations, limited liability companies, limited liability partnerships, and general partnerships) or formal Joint Venture (**JV**) may apply. Two firms may not apply jointly unless they have formed a joint venture.

COSTS OF RFP RESPONSE

There will be no payment or compensation provided to firms who desire to participate in any part of the

submission. All expenses related to the preparation of a response, including additional requested information, interviews, and any other necessary information, will be the sole responsibility of the firm. The City, its staff, or its representatives will not be responsible for reimbursing any costs or expenses incurred as a result of providing a submission to this RFP.

MBE/WBE Requirements – Mayor’s Office (SMBA&D)

It is the policy of the City of Baltimore Mayor’s Office of Small and Minority Business Advocacy & Development (SMBA&D) to promote equal business opportunity in the City’s contracting process. Pursuant to Article 5, Subtitle 28 of Baltimore City Code (2000 Edition) – Minority and Women’s Business Program, Minority Business Enterprise (MBE) and Women’s Business Enterprise (WBE) participation goals apply to this contract.

The MBE goal is 7 %

The WBE goal is 3 %

Both the proposed Minority and Women’s Business Enterprise firms must be named and identified as an MBE or WBE within Item 6 of the Standard Form (SF) 255 in the spaces provided for identifying outside key consultants/associates anticipated for utilization for this project.

Any submittals that do not include the proper MBE/WBE (in some instances DBE) participation will be disapproved for further consideration for this project.

Verifying Certification

Each firm submitting a SF 255 for consideration for a project is responsible for verifying that all MBEs and WBEs to be utilized on the project are certified by the SMBA&D prior to submitting the proposal. A directory of certified MBEs and WBEs is available from SMBA&D. Since changes to the directory occur daily, firms submitting SF 255s should call SMBA&D at (410) 396-3818 to verify certification, expiration dates and services that the MBE or WBE is certified to provide.

Non-Affiliation

A firm submitting a proposal may not use an MBE or WBE to meet a contract goal if:

- The firm has a financial interest in the MBE or WBE
- The firm has an interest in the ownership or control of the MBE or WBE
- The firm is significantly involved in the operation of the MBE or WBE (Article 5, Subtitle 28-41).

Insurance Requirements

The consultant selected for the award of this project shall provide professional liability, auto liability, and general liability and workers’ compensation insurances as required by the City of Baltimore.

Local Hiring Law

Article 5, Subtitle 27 of the Baltimore City Code, as amended (the “Local Hiring Law”) and its rules and regulations apply to contracts and agreements executed by the City on or after the Local Hiring Law’s effective date of December 23, 2013, which is applicable to all vendors. The Local Hiring Law applies to every contract for more than \$300,000 made by the City, or on its behalf, with any person. It also applies to every agreement authorizing assistance valued at more than \$5,000,000 to a City-subsidized project. Please visit www.oedworks.com for details on the requirements of the law.

Additional Information

Any firm submitting a SF255 in response to the RFP that fails to comply with the requirements of Article 5, Subtitle 28 of Baltimore City Code when executing a contract is subject to the following penalties: suspension of a contract; withholding of funds; nullification of contract based on material breach;

disqualification as a consultant from eligibility to provide services to the City for a period not to exceed 2 years; and payment for damages incurred by the City.

A resume for each person listed as key personnel and/or specialist, including those from MBE and WBE must be shown on the page provided within the application.

Please be advised that for the purpose of reviewing price proposals and invoices, the City of Baltimore defines a principal of a firm as follows:

A principal is any individual owning 5% or more of the outstanding stock of an entity, a partner of a partnership, a 5% or more shareholder of a sub-chapter 'S' Corporation, or an individual owner.

Out-of-State Corporations must identify their corporate resident agent within the application.

Firms providing a SF255 in response to this RFP who do not follow the guidelines within this RFP including being prequalified, meeting SMBA&D goals at the time of the submittal due date will be deemed nonresponsive.

Failure to follow any of the guidelines of this advertisement will cause disqualification of the submittal. and will disqualify the entire team for further participation in the project.

Deena Joyce, Executive Secretary
Chief, Office of Boards and Commissions

Issue of: 9/4/2026

The Afro-American
The Baltimore Sun
The Baltimore Times
The Daily Record
eMaryland Marketplace