



2024 **TAP** into
BUSINESS



Tap Into Business

Utility Services Department

**Christopher Caro - Section Manager,
Water/Wastewater Systems Assessment Division**

Glenn Parks - Division Manager, Meter Services

Lisa Malone - Administrative Contract Manager

June 26, 2024

Agenda

- Department Overview
- Upcoming Solicitations Overview
- Key Success Factors For Vendors
- Q&A
- Networking

Department Overview



- The Utility Services Department is responsible for maintaining the water/wastewater infrastructure, protecting the environment and delivering total customer satisfaction to our customers.
- Utility Services is comprised of nine (9) divisions:
 - Water/Wastewater Systems Assessment Division
 - Four (4) Maintenance Facilities located in Prince George’s and Montgomery Counties
 - Meter Services Division
 - Emergency Services Center
 - Pipeline Infrastructure and Strategic Planning Division
 - Learning and Development Division

“Utility Services, a Step Beyond Customer Service”

Upcoming Solicitations – Utility Services



Solicitation Name	Estimated Date	Value
Condition Assessment of Large and Air Release Valves	October 2024	TBD
Small Diameter Metallic Main Tool Provider	January 2025	TBD
Large Diameter Metallic Main Tool Provider	January 2025	TBD
Sewer Lateral Inspection	January 2025	TBD
Leak Detection Services	June 2025	TBD
Fire Flow Testing	February 2025	TBD
Traffic Control Services	April 2025	TBD
By-Pass Pumping Services	December 2025	TBD
Small and Large Water Meter Purchase	November 2024	TBD

Condition Assessment of Large and Air Release Valves



- **Project Overview:** Retain contractors to provide project management support and perform inspection rehabilitation, condition assessment, and large valve inspection repairs located in various locations in Montgomery and Prince George's Counties, Maryland, on an as needed basis.
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amt TBD
- **Project's Estimated Solicitation Date:** July 2024
- **Project's Anticipated Start Date:** October 2024
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Small Diameter Metallic Main Tool Provider



- **Project Overview:** Retain contractors to perform pipe inspection services of metallic water mains 6 inch – 24 inches. The contractor will use innovative invasive/non-invasive technologies for assessing the condition of lined and unlined metallic water mains.
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amount TBD
- **Project's Estimated Solicitation Date:** July 2024
- **Project's Anticipated Start Date:** January 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Large Diameter Metallic Main Tool Provider



- **Project Overview:** Retain contractors to perform Contractor to perform pipe inspection services of metallic watermains 30 inch – 96 inches. The Contractor will use innovative invasive/non-invasive technologies for assessing the condition of lined and unlined metallic water mains.
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amt TBD
- **Project's Estimated Solicitation Date:** July 2024
- **Project's Anticipated Start Date:** January 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Sewer Lateral Inspection Services

- **Project Overview:** Retain contractor to perform cleaning and closed-circuit television (CCTV) inspection, tap cutting and location of existing sanitary sewer laterals and mains.
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amount TBD
- **Project's Estimated Solicitation Date:** August 2024
- **Project's Anticipated Start Date:** January 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Leak Detection Services

- **Project Overview:** Retain contractors to identify possible potable water leaks in the Commission's water distribution system using aerial remote imaging technology. The Contractor will perform a data analysis reports and provide appropriate techniques to conduct leak verifications.
- **Project Spend Portfolio:** One Year Base Term with Four - One-year option Terms, estimated amount TBD
- **Project's Estimated Solicitation Date:** January 2025
- **Project's Anticipated Start Date:** June 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Fire Flow Testing

- **Project Overview:** Retain contractors to conduct fire flow testing to determine pressure and flow-producing capabilities within the WSSC Water distribution system.
- **Project Spend Portfolio:** One Year Base Term with Four - One-year option Terms, estimated amount TBD
- **Project's Estimated Solicitation Date:** September 2024
- **Project's Anticipated Start Date:** February 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Traffic Control Services

- **Project Overview:** Retain contractors to Contractor shall provide temporary traffic control services on an as-needed basis. The contractor will provide labor, equipment, and materials necessary to execute the required Traffic Control Plan.
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amount TBD
- **Project's Estimated Solicitation Date:** November 2024
- **Project's Anticipated Start Date:** April 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

By-Pass Pumping Services

- **Project Overview:** Retain contractors to Contractor shall provide Sewer Bypass Pumping, temporary water bypass, and dewatering services on an as-needed basis. The Contractor shall provide all materials, labor, equipment, power, tools, and maintenance to implement a temporary by-pass pumping system
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amount TBD
- **Project's Estimated Solicitation Date:** September 2024
- **Project's Anticipated Start Date:** December 2025
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Small and Large Water Meter Purchase



- **Project Overview:** Retain contractors to furnish and deliver small and large water meters along with all required meter registers, accessories and spool pieces that meet or exceed WSSC Water Meter Specifications.
- **Project Spend Portfolio:** Three Year Base Term with One - Two-year option Term, estimated amount TBD
- **Project's Estimated Solicitation Date:** July 2024
- **Project's Anticipated Start Date:** November 2024
- **Where is work to be performed:** Various locations throughout Montgomery and Prince George's Counties

Key Success Factors for Vendors

- Familiarity with contract and established procedures for various items such as how to request change orders and under what circumstances they may be approved.
- QA/QC of deliverables is a MUST.
- Add value through innovation, cost reduction, etc. when responding to an RFP
- Knowing WSSC Water design and O&M standards.
- Prompt attention to issues raised in design and inspections/assessment.
- Prompt review of submittals.
- Responsiveness to field issues and requests for information during construction and inspections.
- Pay attention to permit requirements that impact the performance of work.
- Monitor Subcontractor Payment Verification in the WSSC Supplier Portal.
- Compliance with OSDI requirements is a MUST.
- Establish and Maintain regular communication with your WSSC Project/Contract Manager
- Communication that is timely and accurate.



Questions?



Tap Into Business

Engineering and Construction

Engineering and Construction Division Managers:
Theon Grojean, Caville Stanbury-Woolery
Nadir Al-Salam, Tom Hilton, Rosanna La Plante

June 26, 2024

Agenda

- Division Overview
- Upcoming Solicitations Overview
- Q&A
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Facility Design and Construction

Manages a variety of projects involving the planning, design, and construction of new, expanded, or improved facilities and major pipelines that help ensure reliable service for current and future customers. The Division provides engineering and construction administration for the expansion and modification of water, wastewater, biosolids, and support facilities. Work ranges from unit replacement to process and entire building construction or replacement.

Upcoming Solicitations – Facility Design and Construction

Solicitation Name	Estimated Date	Value
Progressive Design-Build: Parkway WRRF Facility and Electrical Upgrades	FY 25 Q1	\$55M - \$65M
Construction: Western Branch WRRF Potable Water System Upgrades	FY 25 Q1	\$4M - \$7M
Construction: Andrews Elevated Water Storage Facility Rehabilitation	FY 25 Q1	\$5M - \$10M
Construction: Brink Elevated Water Storage Facility Rehabilitation	FY 25 Q1	\$5M - \$10M
Construction: Damascus Town Center WWPS Replacement	FY 25 Q1	\$8M - \$10M
Construction: Greenbelt Standpipe Storage Facility Rehabilitation	FY 25 Q2	\$5M - \$10M
Construction: North Woodside Standpipe Storage Facility Rehabilitation	FY 25 Q2	\$5M - \$10M
Construction: Western Branch WRRF Raw Influent Building VFD Cooling	FY 25 Q2	\$2M - \$4M
Construction: Piscataway WRRF Train 1 and 2 480V Blowers	FY 25 Q2	\$15M - \$20M
Construction: Mill Branch WWPS HVAC & Odor Control Improvements	FY 25 Q2	\$2M
Construction: Patuxent WRP Chemical Building HVAC Improvements	FY 25 Q2	\$2M
Construction: Green Branch WWPS HVAC & Odor Control Improvements	FY 25 Q2	\$3M

Upcoming Solicitations – Facility Design and Construction

Solicitation Name	Estimated Date	Value
Construction: Central Avenue WPS Valve Vault Replacements	FY 25 Q2	\$20M-\$25M
Construction: Anacostia II WWPS Electrical Upgrades	FY 25 Q2	\$30M-\$35M
Construction: Potomac WFP Headhouse Power Feed	FY 25 Q3	\$7M-\$10M
Construction: Western Branch WRRF Main Substation Replacement	FY 25 Q3	\$30M-\$35M
Construction: Parkway WRRF Influent Station and Plant Water Upgrades	FY 25 Q4	\$20M-\$25M

Progressive Design Build: Parkway WRRF Facility and Electrical Upgrades

The successful Progressive Design Build Team will solve and execute flood protection and electrical and mechanical equipment acquisition despite long lead times and requirements to maintain plant operations.

Project execution to comply with State Revolving Fund, Davis Bacon, and the Build America Buy America Act.

Construction Electrical: Anacostia II WWPS Electrical Upgrades; and Western Branch WRRF Substation Replacement

Long lead time for medium and high voltage electrical gear, particularly transformers and switchgear. Innovative procurement and contracting strategies to help mitigate this.

Compliance with the American Iron and Steel Act and the Build America Buy America Act as they relate to project funding.

Pipeline Design Division



Comprised of four sections – Relocations, Planning, Water, and Sewer – working together to manage WSSC Water’s existing water and sewer pipeline systems. The Water and Sewer Infrastructure Sections plan and manage the design of water and sewer main rehabilitation projects and provides technical support for WSSC’s construction teams. The Planning Section primarily conducts preliminary design and hydraulic assessment for sewer force mains, water distribution and transmission main assets in need of repair. The Relocations Section evaluates impacts on the Commission’s pipeline infrastructure due to construction and related activities performed by other governmental agencies, utilities, and private homeowners.

Upcoming Solicitations –Pipeline Design Division



Solicitation Name	Estimated Date	Value
102-Inch Anacostia Trunk Sewer Replacement and Rehabilitation	FY 25 Q4	\$2M - \$3M
Water and Sewer Engineering Services BOA	FY 25 Q3	TBD
Sewer Management Program	TBD	\$15M - \$20M
Sewer Environmental Services	FY 25 Q3	\$5M - \$10M
Staff Augmentation Services	FY 25 Q3	\$2M - \$4M
Replacement Planning BOA	FY25 Q4	\$2M -\$4M

Pipeline Design 102" Anacostia Trunk Sewer (ATS)

Project Overview: The reinforced concrete 1.36 mile 102" ATS, which supplies approx. 33% of WSSC Water's (WSSC) wastewater flow to the Blue Plains Advanced Wastewater Treatment Plant, has suffered significant wall loss and requires urgent rehabilitation. WSSC intends to utilize the Progressive Design Build (PD-B) approach for the execution of the Rehabilitation Project. As part of this approach, WSSC will be presenting the project to interested companies and sending them Request For Information (RFI) documents to assist us in determining the best Designer Build Team to commence negotiations to facilitate the successful execution of the work.

- **Project Spend Portfolio:** Anticipated 1.5-year design and 2-year construction (including Design Services During Construction); Total estimate \$ 22.5 M
- **Project's Estimated Solicitation Date:** FY25 Q 4
- **Project's Anticipated Start Date:** FY26 Q I
- **Where is work to be performed:** Prince George's County

Pipeline Construction Division



Provides quality contract management and inspection of water distribution and wastewater collection pipeline construction contracts, inspection of developer-built water and sewer pipelines as well as associated contracts for house connections, paving, and landscaping.

Upcoming Solicitations –Pipeline Construction Division



Solicitation Name	Estimated Date	Value
Inspection Services Contract IC2025A25	FY 25 Q1	\$8M - \$13M
Environmental Sensitive Areas IDIQ	FY 25 Q4	\$120M - \$180M
Lead Service Line Replacement Public Side	FY 25 Q1	\$60M - \$80M
Water Main Replacement & Rehabilitation IDIQ	FY 25 Q2	\$50M - \$100M
Water Main Replacement (Individual Projects)	FY 25 Q1- Q4	\$80M - \$110M
Sewer Roads Rehabilitation IDIQ	FY 25 Q1	\$60M - \$90M
Commercial Landscaping and Restoration Services	FY 25 Q1	\$5M - \$8M
Area Water and Sewer House Connection Construction	FY 25 Q1	\$5M - \$11M
Lateral - Water and Sewer Connection Construction Renewal	FY 25 Q1	\$15M - \$25M

Pipeline Construction Division Inspection Services Contract IC2025A25*

Project Overview: Provide staff augmentation to the pipeline construction division of WSSC for services including but not limited to, inspection of water and sewer pipeline construction, administrative support, paving inspection, and compaction inspection. In addition, services that may be needed are miscellaneous such as design review and assistance in the assessment of community impacts/complaints (e.g. noise and vibration monitoring and structural inspection).

Project Spend Portfolio: Two Year Base Term with two Two-year option Terms, estimated \$8M –\$13M for the 2-year base term. Possibly multiple awards under one solicitation.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q3

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties

* Anticipated Job Number

Pipeline Construction Division Environmental Sensitive Areas

Project Overview: Provide construction services for the trunk and collection sewer main repair, rehabilitation, and replacement within Environmental Sensitive Areas. Work will include sewer lining, pipe bursting, sewer replacement, manhole lining and repair, lateral lining and replacement, installation of access roads, stream restoration, green area restoration, and other similar work. It will also focus on assets in public right of ways and roadways. The Commission will be funding projects with state and federal funding and will require compliance with applicable requirements such as Davis Bacon Wage Rates, the American Iron and Steel Act, and the Build America/Buy America Act.

Project Spend Portfolio: Four Year Base Term, estimated \$120M – \$180M for the 4-year base term. Multiple awards under one solicitation.

Project's Estimated Solicitation Date: FY25 Q4

Project's Anticipated Start Date: FY26 Q2

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties

* Anticipated Job Number

Pipeline Construction Division

Lead Service Line Replacement Public Side

Project Overview: Perform service line material verification work and lead service line replacements in public rights of way. Work consists of verifying service line material and removing/abandoning and replacing existing lead utility-side water service lines at locations provided by the Commission, in accordance with United States Environmental Protection Agency and Maryland Department of the Environment's Lead and Copper Rule Revisions. Work also includes the furnishing of all labor, equipment, and materials required for utility-side service line. The Commission will be funding projects with state and federal funding and will require compliance with applicable requirements such as Davis Bacon Wage Rates, the American Iron and Steel Act, and the Build America/Buy America Act.

Project Spend Portfolio: Five Year Base Term, estimated \$60M - \$80M for the 5-year base term. Multiple awards under one solicitation.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q3

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties

* Anticipated Job Number

Pipeline Construction Division

Water Main Replacement & Rehabilitation

Project Overview: Provide construction services for water main repair, replacement and rehabilitation for distribution mains (less than 16-inches in diameter) as well as assets in public rights of way within WSSC Water easements. Work will include installation of temporary and permanent patches, required test pitting, and cleaning or replacement of linings and valves. The Commission will be funding projects with state and federal funding and will require compliance with applicable requirements such as Davis Bacon Wage Rates, the American Iron and Steel Act and the Build America/Buy America Act.

Project Spend Portfolio Two Year Base Term with two Two-year Option Terms, estimated \$50M –\$100M for the 2-year base term. Multiple awards under one solicitation.

Project's Estimated Solicitation Date: FY25 Q2

Project's Anticipated Start Date: FY25 Q4

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties

Pipeline Construction Division

Water Main Replacement – Individual Projects

Project Overview: Individual bids for construction of distribution and transmission water main replacement projects. These projects will be bid independently.

Project Spend Portfolio: \$80M - \$110M bid through this fiscal year.

Project Name and ID	Estimated Bid Date
Cherry Hill Rd. WMR - BR6325A17	FY 25 Q2
Meadowood Drive - BRCRLR6708A19	FY 25 Q2
Thurston WMR - BR6652A18	FY 25 Q3
Edwards Dr WMR - BR6473A18	FY 25 Q3
Rock Creek Valley WMR - BR6614A18	FY 25 Q3
Chestnut Street WMR - BR6943A20	FY 25 Q4
Traymore St WMR - BR6713A19	FY 25 Q4
Cheltenham WMR - BR6655A19	FY 25 Q4
Trailway Drive WMR - BR6521A18	FY 25 Q3

Pipeline Construction Division

Water Main Replacement – Individual Projects (continued)



Project Name and ID	Estimated Bid Date
Red Coat Lane WMR - BR6652A19	FY 25 Q4
Locris Dr WMR - BR6479A18	FY 25 Q3
Righters Mill WMR - BR6653A19	FY 25 Q4
Vistula Drive WMR - BR5993A16	FY 25 Q4
Jervis St WMR - BR7706A24	FY 25 Q3
White Oak 20" WMR - BT6618A18	FY 25 Q2
Sunflower Drive 16" WMR - BT7038A21	FY 25 Q4
East-West Highway 16" - BT6608A18	FY 25 Q3
Annapolis Road 16" TWMR Phase 2 - BTBR7141B21	FY 25 Q4

Pipeline Construction Division

Sewer Roads Rehabilitation

Project Overview: Provide construction services for the repair, rehabilitation, and replacement for collection mains (less than 15-inches in diameter). Work will include sewer lining, pipe bursting, sewer replacement, manhole lining and repair, lateral lining and replacement, and other similar work. It will also focus on assets that are within the public right of way but may include some work in green space. The contract will also include provisions for work on private property and installation of new sewer mains to address underserved communities. The Commission will be funding projects with state and federal funding and will require compliance with applicable requirements such as Davis Bacon Wage Rates, the American Iron and Steel Act and the Build America/Buy America Act.

Project Spend Portfolio: Two Year Base, estimated \$60M - \$90 for the 2-year base term. Multiple awards under on solicitation.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q3

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties.

Pipeline Construction Division

Commercial Landscaping and Restoration Services

Project Overview: Provide complete area restoration including one or more of the following: supply, installation and maintenance of trees and shrubs of various sizes and species, seeding, sodding, providing ground cover, minor grading, preparation of seed bed with fertilizer or lime, mulching, watering, installing decorative flowers, stone, pavers and other miscellaneous landscaping items.

Project Spend Portfolio: Four Year Base Term with one One-year Option Term, estimated \$5M - \$8M for the 4-year base term. Multiple awards under one solicitation.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q2

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties.

Pipeline Construction Division

Area Water and Sewer House Connections Construction

Project Overview: The scope of this contract consists of the abandonment, upgrade, and new construction of water and sewer house connections for new service installations on an as needed basis.

Project Spend Portfolio: Two Year Base Term with one Two-year option Term, estimated \$5M - \$11M for the 2-Year Base Term. Multiple awards under this solicitation.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q2

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties.

Pipeline Construction Division

Lateral – Area Water and Sewer House Connections Construction

Project Overview: The scope of this contract consists of the renewal of existing sewer and water laterals, sewer mainline point repairs, and closed circuit television (CCTV) inspection of sewer laterals on an as needed basis.

Project Spend Portfolio: Two Year Base Term with one Two-year option Term, estimated \$15M - \$25M for the 2-Year Base Term. Multiple awards under this solicitation.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q3

Where is work to be performed: Various locations throughout Montgomery and Prince George's Counties.

Planning Division

The primary mission of the Planning Division is three-fold: (1) ensure adequate capacity of the water treatment, transmission, distribution, and storage systems as well as wastewater treatment, collection, and conveyance systems for both existing and future customers; (2) develop new, and manage existing regional cooperative agreements with adjoining jurisdictions and other agencies with whom we share resources and to provide technical resources that advise the Commission concerning any proposed state and federal policy initiatives, laws, and regulations that may impact activities of the agency; and (3) manage and oversee the Lead Service Replacement Program work effort.

Planning Division – Lead Service Line Replacement Program Management Services

Project Overview: The scope of work includes but is not limited to: Program Management, Compliance, Funding Support, Program Control, Training, Inventory Management, Material Verification, Management of Service Line Replacement, Pitcher Filter Distribution, Sampling, Public Outreach, Customer Engagement, Phone Call Services and other consulting services as required by the Program and approved by WSSC

Project Spend Portfolio: 3 Year Base Term, 2 Year Option Term, \$8-9M/year in the program.

Project's Estimated Solicitation Date: FY25 Q1

Project's Anticipated Start Date: FY25 Q2

Where is work to be performed: Throughout the WSSC Water Service area.

Engineering and Environmental Services Division

The Engineering and Environmental Services Division maintains the Engineering Center of Excellence which supports the entire Commission with the following services:

- Design and submittal review for facility and pipeline construction projects,
- Developing construction contract specifications, cost estimates, and bid documents for construction projects
- In-house design & evaluation for environmental, civil, mechanical, and electrical engineering
- Surveying and Property Acquisition operations
- GIS Services and GIS Data Maintenance
- Engineering Records management
- Environmental Programs such as Tree Care and Erosion and Sediment Control.
- Environmental regulatory & NPDES Support for WSSC Water

Upcoming Solicitations for Engineering and Environmental Services Division

Solicitation Description	Estimated Solicitation Date	Estimated Contract Value Range
Water and Wastewater Process Engineering BOA	Advertised	\$1.2-2 Million



Questions?