



Lead Service Line Replacement Program Management Services



Background

Evolution of Lead Reduction

Pre-1951

Lead as Industry Standard

1974

Safe Drinking Water Act (SDWA) passed by Congress

Congress bans lead pipes, phases out lead solder

1986

1992

Lead and Copper Rule Established

- Action Level= 15 ppb
- · Customer tap sampling
- Corrosion control

2021 Lead and Copper Rule **Revisions (LCRR)**

- Action Level= 15 ppb
- Trigger Level= 10 ppb
- Replacement of lead service line after Action Level Exceedance
- · Schools and Childcare Sampling

2024

Lead and Copper Rule Improvements (LCRI)

- Action Level= 10 ppb
- Mandatory 100% replacement of lead lines within 10 years

(Rule not final yet.)

1954

WSSC Water bans Lead as a service line material

Properties built after 1954 required to use a material that is not lead for service lines



2003

WSSC Water adds orthophosphate

Food-grade additive prevents leaching of copper and lead into water passing through pipes of these materials

2005

WSSC Water replaces all known public lead service lines

Simultaneous to replacing all Tubeloy pipes, WSSC Water identifies most of the public side service line material, replacing all known lead lines on public property 2024

WSSC Water launches "What's your Pipe Type"

Program to identify pipe material of all service lines and replace lead and galvanized



Agenda

- Background
- Past and Current Efforts
- Program Management Contract Terms
- Program Management Outcomes

- Program Management Scope of Work
- Contracting Equity & Economic Impact
- Solicitation Schedule



Regulatory Requirements

2023	2024	2025	Beyond 2025
Evaluate historical	Create public education	Begin compliance	EPA may mandate
data for inventory	materials	monitoring at new	utilities to replace
		sample sites	100% in 10 years
Develop inventory			(beginning 2027)
strategy	line inventory and submit	Annually update	under LCR
	to MDE. Make publicly	inventory	Improvements (LCRI)
Assess funding	available.		. / / / /
strategies			Annually update
	Submit Replace Plan		inventory
	Submit Sampling Plan		







- Lead and Copper Rule
 - WSSC Water has never exceeded the EPA Action level
 - Corrosion Control Treatment is in place and effective
 - Latest 90th percentile lead level <2 parts per billion
- 2005 Replacement Program
 - Investigated service lines installed before year 1945
 - o 3,800 material verifications performed by WSSC Water
 - O All known utility-side lead service lines have been replaced





Current Efforts

- WSSC Water Lead Reduction Program Goals
 - Minimize lead risk through proactive replacement
 - Protect vulnerable population and disadvantaged communities
 - Comprehensive public outreach and education
- Implementation
 - Initial Inventory completed (records review)
 - ~17,800 service lines of unknown material that require field verification
 - Prioritization framework developed
 - Sampling plan for 700 schools, 2900 childcare
 - Preparing customer outreach materials



Program Management Contract Terms

- Contract Form Stand-Alone Contract for Program Management Services
- Term 3 year base term and 2 year option term
- Contract Value \$8M \$15M per year
- MBE/SLBE Subcontracting Goal Estimated Range 25% to 30%
- WSSC Water Contract Ownership Engineering & Construction/Planning Division



Program Management Outcomes

Overall management, oversight and coordination required to successfully implement all aspects of WSSC Water's lead service line replacement program and to be in compliance with the Lead and Copper Rule Revision (LCRR) and the Lead and Copper Rule Improvement (LCRI) requirements.





SOW 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
- Other consulting services as required by the Program and approved by WSSC

Contracting Equity & Economic Impact



Anticipated MBE/SLBE Subcontracting Goal: 25-30%

Contracting Area	African American	Asian American	Hispanic American	Native American	Women- Owned	WSSC Water- Approved SLBEs
Professional Services	FULL	PARTIAL 11%	PARTIAL 4%	PARTIAL 0.50%	FULL	FULL

- Significant Investment = Significant Economic Impact
- Creative solutions for benefiting the community, outside of meeting subcontracting goals
- Demonstrate Economic Impact for Prince George's and Montgomery Counties
 - Use of local businesses
 - Local hiring/local workforce
 - Capacity building and training programs



Tentative Solicitation Schedule

- RFP Posted June 2024
- Pre-Proposal Meeting one week after advertisement
- Proposals Due five weeks after advertisement
- Commission Approval October 16, 2024
- Notice to Proceed November 2024

Questions related to the pending solicitation can be directed to: caprecia.poole-williams@wsscwater.com





- 518210 Data processing, hosting, related services
- 541330 Engineering Services
- 541611 Administrative management & general management services
- 541690 Other scientific & technical services
- 541820 Public relations agencies
- 541830 Media buying agencies
- 541870 Advertising material distribution services
- 541990 All other professional, scientific & technical services
- 561421 Telephone answering services
- 561422 Telemarketing bureaus & other contact centers



Scan QR Code to submit questions



Questions?



