



VIRGIN ISLANDS WATER & POWER AUTHORITY

PR-06-24

TERRITORIAL LEAD SERVICE LINE SURVEY

Date: 04/29/24

ADDENDUM III

Questions:

1. The RFP references 162 unique water systems. Is the Offeror expected to prepare 162 unique service line inventories (i.e., spreadsheets) by the October 16, 2024, compliance deadline?
Response: The '162 CWSs' appears to be a misprint. The scope of this work is the WAPA Water Distribution System in the St. Thomas- St. John and St. Croix districts. Bidders can use the EPA service line inventory (SLI) templates for small community water systems (CWS) to capture and present the data from the survey.

2. What format will the final deliverable of the service line inventories be in? For example, the [EPA service line inventory spreadsheet template](#)? Or has VI WAPA created their own service line inventory spreadsheet template?
Response: The EPA service line inventory spreadsheet template is preferred. Bidders can use the EPA service line inventory (SLI) templates for small community water systems (CWS) to capture and present the data from the survey.

3. What is the size distribution of the 162 CWSs, based on population served?
 - a. i.e., # of very small (<500), # of small (501-3,300), # of medium (3,301-10,000), # of large (10,001-100,000)
Response: The estimated population served is approximately 40,000.

4. Does VI WAPA have a comprehensive list of service addresses for all 162 unique water systems, or will the Offeror need to gather this information from each water system and clean the data?
Response: WAPA has water distribution record maps and information for active water accounts.

5. Does VI WAPA have contact information for each water system or will the Offeror be responsible for soliciting this information?

Response: Certain information will be provided upon request through WAPA Water Distribution Department.

6. Is there a specific lead-ban date that was adopted by the US Virgin Islands? What % of service lines are estimated to have been installed after this date?

Response: We do not know of any lead ban date adopted by the US Virgin Islands apart from the EPA rules and guidelines.

7. Can VI WAPA provide a list of attendees from the pre-bid meeting?

Response: Because the meeting is non mandatory we are not required to take attendance .

8. Do all 162 CWSs store their records (for example, as-built drawings) at individual locations or is there a centralized location for record keeping streamlining the inventory process? Does VI WAPA maintain any water system records?

Response: Please note response to question #1. WAPA maintain limited record maps of the water distribution system and certain account information.

9. Based on the requirements of the LCRR, limited time until the compliance deadline, and breadth of the scope, would VI WAPA be open to a response that provides an alternative approach that meets compliance requirements by October 16, 2024?

Response: This a request for proposal (RFP) which allows bidders to present their best proposals to meet the requirements of this bid documents.

10. LCRR only requires a comprehensive historical records review and identification of service line materials during normal operations prior to October 16th, 2024. These are the only required activities prior to October 16th, 2024. As a firm that has prepared over 800 service line inventories, these requirements are time and labor intensive. With the imminent compliance deadline, would VI WAPA consider delaying the potholing requirement noted in the RFP since it is not a compliance requirement prior to October 16th, 2024? Potholing could be incorporated to identify unknowns and complete the prior to 2027 as outlined in LCRI.

Response: Please see Addendum #1 to this RFP where we have suggested a representative sampling approach to meet the EPA guidelines.

11. Would VI WAPA consider amending the pricing structure noted in the RFP to incorporate a more specific schedule of rates as proposed below?

Response: Please provide the pricing structure noted in the RFP as a minimum for consideration. Additional information may be included in the bid.

Project Management	\$/hour
Initial Contact Meetings with Water Systems	\$/CWS
Service Line Inventory Development & Submission	\$/hour
Technical Assistance	\$/hour
Development of Outreach and Education Materials	\$/hour
In-Field Service Line Verification	\$/service line
Mobilization to Systems/Travel	\$/day
Inspection Materials (magnets, swabs, etc.)	
Printing/Mailing (door hangers, customer notifications, etc.)	
Sample Kits (School/CCF/Compliance)	
Pitcher Filters	

12. Section 6.0 Proposal Form noted in the RFP PR-06-24, page 4, mentions the inclusion of a Bid Bond, Performance Bond, and a Payment Bond. Are these bonds required for submission of a proposal? If so, can more details be provided on the bond requirements? Will a proposal be considered nonresponsive if these bonds are not provided with proposal submission?

Response: This project is considered a professional service contract; and as such, we do not require a bid bond, performance bond, or payment bond.

13. The provision of pitcher filters and water quality sampling are required following a lead service line replacement, but these items are not mentioned in the scope of the RFP. Has VI WAPA considered how they want to approach this compliance requirement of LCRR?

Response: Filter distribution and water quality sampling outside of WAPA's routine compliance sampling and testing per LCRR are not part of this scope of work.

14. Can VI WAPA estimate the total number of schools and child care facilities across all three islands?

Response: Bidders will have to research this information.

15. Across all three islands, have there been lead or copper exceedances in the last five years?

Response: WAPA has records of the LCRR compliance testing reports over the last five years, which will be available during your investigation.

16. Is WAPA electing to replace copper service lines even though it is not required under the LCRR?

Response: Upon completion of this scope of work, WAPA will use this information to identify locations for replacement of lead/copper.

17. What is the standard service line configuration used across all three islands? Are most service lines only visible through excavation, or are there instances where both sides of the service line can be seen via a meter box?

Response: The standard for service line installation is to bury pipes upstream and downstream of the meter box. However, there are instances where these pipe are exposed.

18. Does VI WAPA have an estimated budget (not to exceed) for the entire scope of work?

Response: Budgets cannot be disclosed.

19. Will a proposal be considered nonresponsive if the offeror excludes a fixed cost of lead/GRR/copper service line replacements? The number of replacements needed is unknown until the service line inventory is underway and pricing replacements may be unnecessarily expensive or inaccurate.

Response: Please refer to Addendum I.

20. The [EPA Drinking Water Infrastructure Needs Survey and Assessment 7th Report to Congress](#) estimates that the USVI has 35,002 lead service lines. Can VI WAPA confirm this is accurate, as Addendum I for RFP PR-06-24 states “we have no records no knowledge of the presence of lead service lines in our systems” conflicts with the EPA’s report?

Response: WAPA cannot confirm the numbers presented by the EPA’s report. This investigation will shed greater light on the presence or absence of lead service lines.

State/Territory	Lead Content	Unknown Material	Standalone Galvanized	No Lead Content	Not Reported
Mississippi	4,035	358,522	5,055	434,959	418,706
Missouri	130,044	219,620	10,836	1,124,278	481,476
Montana	5,274	118,333	9,479	86,462	51,467
Nebraska	38,796	126,560	1,831	394,418	35,302
Nevada	5,331	173,212	15,118	446,382	152,271
New Hampshire	11,643	43,192	1,605	202,159	15,544
New Jersey	242,247	574,955	126,914	1,315,082	169,725
New Mexico	8,460	159,641	3,127	332,997	125,171
New York	201,075	936,794	8,041	1,240,706	1,175,258
North Carolina	272,078	640,448	59,669	1,986,416	191,370
North Dakota	14,624	18,709	515	114,075	85,692
Ohio	369,077	657,490	12,895	1,409,102	1,167,069
Oklahoma	12,250	735,471	2,621	573,712	53,850
Oregon	1,316	165,812	6,003	428,382	567,257
Pennsylvania	257,315	1,123,477	21,792	1,123,770	1,228,363
Puerto Rico	30,689	309,050	26,821	801,757	273,322
Rhode Island	17,204	166,988	63	51,809	68,075
South Carolina	50,350	786,265	11,670	779,545	180,279
South Dakota	3,554	21,710	687	243,057	19,157
Tennessee	79,769	1,976,379	20,719	478,840	213,813
Texas	378,873	1,284,408	10,482	7,206,494	4,103,903
Utah	9,017	243,215	9,454	540,448	83,793
Vermont	3,317	13,773	2,852	98,420	47,577
Virginia	64,360	408,853	26,385	657,562	1,027,314
Washington	11,893	1,113,290	97,278	1,261,166	54,647
West Virginia	6,906	408,507	3,221	215,470	27,682
Wisconsin	256,363	157,160	11,938	873,704	219,939
Wyoming	6,405	35,280	2,813	99,065	33,544
Subtotal	5,149,407	20,784,452	1,732,567	52,765,494	18,486,209
American Samoa	11	180	11	9,665	221
Guam	0	0	0	0	44,736
Northern Mariana Is.	8	151	8	1,623	11,201
Virgin Islands	35,002	54	1	264	66
Subtotal	35,021	385	20	11,552	56,224
Total	5,184,428	20,784,837	1,732,587	52,777,046	18,542,433