



VIRGIN ISLANDS WATER & POWER AUTHORITY

PR-03-27

Lead Service Line Inventory

Date: 9/11/2026

ADDENDUM I

Please see the updated Bid Schedule for the Lead Service Line Inventory on the following page. Please ensure that the revised Bid Schedule is completed and submitted with your proposal.

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ITEM NO.	ESTIMATED QUANTITY	UNIT	UNIT COST (\$)	DESCRIPTION	TOTAL COST (\$)
1. MOBILIZATION				Mobilization shall include all costs associated with project startup and the mobilization of equipment, and inter-island travel as required to commence work.	
1a.	1	LS	-	Mobilization cost for St. Croix District.	
1b.	1	LS	-	Mobilization cost for St. Thomas/St. John District.	
2. POTHOLING				The Bidder shall excavate potholes on both sides of the meter box using the vacuum excavation method. Each pothole shall expose a minimum of eighteen (18) inches of the potable water service line to allow for material identification. All potholing shall be performed using the vacuum excavation method. Photographs of the exposed service line shall be taken for documentation. The excavated area shall be restored upon completion. The Offeror shall be responsible for repairing any damage caused by excavation.	
2a.	9,734	EA		Potholing of potable water service lines per site on St. Croix. District.	
2b.	6,756	EA		Potholing of potable water service lines per site on St. Thomas-St. John District.	
3. MATERIAL IDENTIFICATION				The Offeror shall identify the service materials in accordance with the EPA Lead and Copper Rule Revision guidance using visual inspection, gentle scratch testing and magnetic testing. A shiny silver scratch indicates lead; a copper-colored scratch similar to a new penny indicates copper; and a dull gray, hard-to-scratch indicated galvanized material. Magnetic materials indicate iron, steel, or galvanized, while non-magnetic materials indicate plastic, lead, or copper. Plastic service lines shall be identified by a smooth, non-metallic pipe. Confirmatory swab testing using EPA-approved lead kits may be required, as specified in the IFB. All determination shall be photographed and documented. If the material cannot be conclusively identified, it shall be classified as Lead Status Unknown.	
3a.	9,734	EA		Material identification for potable water service lines per site on St. Croix District.	
3b.	6,756	EA		Material identification for potable water service lines per site on St. Thomas-St. John District.	

4. SERVICE LINE DATA COLLECTION (GIS)				The Offeror shall collect and geo-reference the potable water service line location data using ArcGIS Online or ArcGIS Enterprise during field activities with survey-grade centimeter (cm) accuracy. All data shall be transmitted to VIWAPA and provided in a format compatible with ArcGIS, including the ability to download or export a file geodatabase (.gdb). Data collected shall support the EPA Lead Service Line Inventory requirements and include the service line location (parcel address), material identification, side of service (utility or customer), lead status classification, meter number inspection date, geographic coordinates, and photo documentation including site conditions before and after excavation. All required ArcGIS licenses shall be provided by the Offeror.	
4a.	9,734	EA		Service line data collection for potable water service lines on St. Croix District.	
4b.	6,756	EA		Service line data collection for potable water service lines on St. Thomas District.	
5. RESTORATION				The Offeror shall restore all excavated areas to their original or better condition upon completion of work. Restoration shall include backfilling using native excavated material. Asphalt, concrete, sidewalks, driveways, landscaping, and other affected surfaces, shall be restored only where disturbed. All restoration shall comply with the applicable Department of Public Works requirements and standards. The Offeror shall be responsible for the condition of restored areas until final acceptance.	
5a.	9,734	EA		Restoration of sites on St. Croix District.	
5b.	6,756	EA		Restoration of sites on St. Thomas-St. John District.	
6. FINAL REPORTING				The Offeror shall submit one complete territory-wide service-line inventory and final report. The deliverable shall include an ArcGIS Online-compatible map and dataset, an exportable file geodatabase (.gdb), material classifications for the utility and customer sides, linked photographs, field-verification records, exception documentation, and records-review findings. The report shall identify priority areas containing lead or galvanized requiring replacement service lines and incorporate VIWAPA's review comments	
6a.	1	LS	-	Final Reporting for the entire project.	
TOTAL					