



VIRGIN ISLANDS WATER & POWER AUTHORITY

**PR-09-20**

**Feeder Undergrounding Project Management**

**ADDENDUM I**

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**Responses to Questions**

Attached are questions posed and responses to those questions.

**Proposal Extension Due Date**

Please be advised that the proposal due date for this procurement has been extended. Proposals are due Monday, November 18, 2019 on or before 10:00 am AST. The bid opening will take place on Monday, November 18, 2019 at 12:00 noon AST.

## Questions

1. Will the selected **Project Management Firm** be required to interact with Federal Agencies such as FEMA and HUD representatives? Other local government agencies?

No. There is no requirement for the PM firm to interact with Federal Agencies. Because VIWAPA is regulated by local government agencies, they will have oversight over various aspects of the project to include labor, environmental and safety, and may communicate with the contractor upon consultation with the VIWAPA project representative.

2. Can VIWAPA provide a potential list of Feeder Underground Construction Projects by island that is expected to be completed within the next two years?

**The priority feeders to be undergrounded during the specified period are as follows:**

### **ST. CROIX**

- **Feeder 2A – Christiansted to Southgate** - This project will entail providing a three-phase duct bank with primary and secondary infrastructure along the route (Fisher Street, Queen Cross Street, Little Fountain Street). At the intersection of Fisher and Queen Cross Street, the duct bank will travel south on Queen Cross Street picking up New Street on the East and West side then proceeding onto Little Fountain Street down to Hospital Street. All consumers along this route will be tied into the Underground.
- **Container Port Underground**
- **Midland Road Underground** The project entails undergrounding four feeders (6B, 7B, 9B, 10B) along midland road in one large duct bank consisting of 16 conduits approximately 4,000 feet in distance.
- **8B – Underground – Golden Grove Underground** - This project comes off the feeder 9B main line. The project entails both civil and electrical underground work of the primary and secondary lines. Priority customers such as public safety and Golden Grove Correctional Facility will have their respective services underground, as well as provide an additional feeder for the correctional facility.
- **8B – Underground – Hannah’s Rest Underground** - The purpose of this project is to underground one of the main lines and neighborhoods coming off of the existing feeder 8B underground electrical system on the Melvin Evans Highway. The three-phase main line duct bank is existing. This project will entail installation of the civil work (Duct banks, manholes, transformer pads) of the primary and secondary lines in Hannah’s rest up to the consumer meters.
- **Frederiksted UG Project** - this project is to underground one of the main lines and neighborhoods before entering Frederiksted town. This project will entail installation of the civil work (Duct banks, manholes, transformer pads) of the primary and secondary lines in the Smithfield area up to the consumer meters.
- **Frederiksted UG Project** - The project entails the civil work for undergrounding of the primary and secondary lines to consumer meters. An existing duct system

that is installed on one of Frederiksted's main roads shall be utilized as the main trunk for the system.

## **ST. JOHN**

- **Underground Feeders 7E, 8E and 9E** - Underground power shall be installed up to the customers meters on portions of three separate distribution feeders 7E, 8E, 9E. A portion of feeder 7E shall be undergrounded from the St. John Substation in Frank Bay to the National Parks Center on North Shore Road. This project shall entail a three-phase primary duct bank, secondary duct banks to service customer loads and the installation of primary pad switches.
- Further underground will be installed on Feeder 7E on North Shore Road up to Maho Bay and Feeder 8E up to the Myrah Keating Smith Clinic.

## **ST. THOMAS**

- **Feeder 5A Underground** - This project shall install primary and second duct banks, primary pad switches and pad transformers. Secondary infrastructure shall also be installed to complete service to the customers meters. Feeder 5A is a critical feeder that provides services to the Cyril E. King Airport, VITEMA, VIWAPA, VI Port Authority, Seven Seas Reverse Osmosis Plant and Vitol. A portion of the feeder that runs behind the Randolph Harley Power Plant is overhead before transitioning to a submarine cable to service Water Island.
- **Feeder 9A Underground** - This project shall seek to underground feeder 9A up the RLS Hospital. The primary feeder shall be completed utilizing partially existing duct banks. Three phase customers shall be picked up along the route to include Public Works, VIWAPA Water Department, Crown Bay Center, Crown Bay Marina, Port, DMV, Pueblo, Legislature, Court House, Police Station, Hospital and VIWAPA SOC.
- **RR/L3-0D0E2 Underground** - Underground RR (Ridge Road) Feeder primary lines and transmission line L3-0D0E2. The primary feeder shall be completed utilizing three-phase duct banks. Three phase customers shall be picked up along the route to include Montessori School, Ritz Carlton, VI National Park, St. Thomas Yacht Club.
- **Feeder 7B/9B Underground** - This project shall take feeders 9B & 7B which is partially overhead and place the main three phase portions of these feeders fully underground.
- **Feeder 7C Underground to Cassi Hill** – The purpose of this project is to remove the overhead portion of feeder 7C between Price Smart and Cassi Hill. The project will include primary duct bank, pad switch installations, pad transformer installation. Primary Customers such as Four Winds Plaza, Office Max, Caribbean Auto Mart, Total Gas, Tillet Gardens, 7<sup>th</sup> Day Adventist School, Fire Services, Housing Finance Authority, Holy Family Church, Lumber Yard, Price Smart, Auto Zone, Ft. Mylner.

3. Is there a preferred **Project Management Software** that VIWAPA would like the successful Project Management Firm to use to track projects?

The PM firm is at liberty to utilize any project management software for project tracking. However, when submitting schedules, the preferred software is Microsoft Projects, in PDF format.

4. Section N – Subsection 6 HARD HAT, SAFETY SHOES AND OTHER SAFETY EQUIPMENT POLICY

Are Flame Resistant Shirts and Pants with a minimum arc flash rating of 8 Cal/cm<sup>2</sup> mandatory for feeder underground construction activities?

The contractor must exercise proper judgement to determine situations that require the use of recommended PPEs in order to comply with OSHA standards. In addition to the contractor securing the services of an EHS compliance officer, the VIWAPA Safety department will also provide general project oversight to ensure compliance.

5. Exhibit A – WAPA INSURANCE REQUIREMENTS

Will the selected **Program Management Firm** be required to meet the Environmental Impairment Liability Insurance Requirements?

The bid document states as follows:

“The undersigned, having carefully read, examined and having become familiar with the proposed project, scope of work, and local conditions affecting the performance and cost of the work at the proposed work-site; hereby, proposes and agrees to fully perform the work in accordance with the proposed contract documents. This includes furnishing all labor, materials, tools, supervision, equipment, and insurance necessary to complete said project in accordance with the contract documents.”

In evaluating the scope of work, if it is determined that such coverage is needed, such would be the discretion of the bidder.

6. Exhibit A – WAPA INSURANCE REQUIREMENTS

Will the selected **Program Management Firm** be also required to meet the Property Insurance Requirements?

Same as 5. above.