



**VIRGIN ISLANDS WATER & POWER
AUTHORITY**

PR-14-22

**PR-14-22 Advanced Metering Infrastructure
Assessment Project**

ADDENDUM III

January 26, 2022

PR-14-22 Advanced Metering Infrastructure Assessment Project

1. I am unable to locate the specification where the number of meters is listed. Where should I look?

Answer: You can find it on page 3 section 1 or on page 26 (first paragraph).

2. In the SOW on page 27, under section A the first bullet states “Engineering Analysis to include root cause of failures”. Can you elaborate on what is meant with the term Engineering Analysis?

- Does this require a USVI PE stamp testifying to the results?

Answer: No.

- Does this require a lab test to replicate the temperature, humidity, salt content in the air, precipitation, and other VIWAPA conditions?

Answer: A lab test would be required for the overall assessment of the meter. Please provide in detail in the RFP

- Does it require a component level study – enclosure, plastic, metrology, RF radio, super cap and other components?

Answer: Yes. Provide methodology as part of your response.

- Does this require a requirement to stress the meter and communications read rates i.e., hourly intervals for each meter and other conditions to simulate the number of years/months installed?

Answer: Yes, please provide a detailed description of this would be done.

- Does it require the meter and network to be powered down such as what occurred during the hurricane period while in an inactive now-powered stage?

Answer: Yes, several testing methods maybe used to determine the root cause of failures. Please provide different testing methods in your proposal.

3. Are your expectations that field visits will be made to the Tantalus network sites to inspect the 220 MHz base stations, microwave conditions, coax, fiber interfaces, grounding methods, and a sampling of metering sites?

Answer: Yes, fields visits are required.

4. Is VIWAPA looking for a detailed analysis of RF interference issues at Crown Mountain and other tower sites? –

Answer: Yes, a detailed analysis of RF interference will be required for all tower sites.

5. Do you anticipate a need to present the results/conclusions onsite in St Thomas with recommendations to the VIWAPA Management Team or should we assume webinars?

Answer: A onsite presentation is not required for the results/conclusions.

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6. Under professional services section, can you explain your requirements for System Optimization?

Answer: The requirements for system optimization includes providing the necessary recommendations of the overall system as well as the collectors, repeater, ip-based and cellular devices. This recommendation should provide overall recommendations for improvement of the system. Such as collector, collector repeater placements, Ip based vs. cellular, etc.

7. Lastly, if we believe an additional deliverable not currently defined in items A and B on page 27, would be of significant value to VIWAPA, should we propose this as an option outside of our base lump sum bid?

Answer: Yes.

8. Will the VIWAPA accept/consider responses pertaining to only one section of the Scope of Work?
 - a. Will VIWAPA accept/consider a response only pertaining to Scope of Work Section A: Complete System Assessment

Or

- b. Will VIWAPA accept/consider a response only pertaining to Scope of Work Section B: Professional Services

Answer: The Authority will not consider accepting responses for the individual sections.

9. Will the VIWAPA accept/consider responses pertaining to only sub-items within a section of the Scope of Work?

Answer: The Authority will not consider accepting responses for Sub-items. Only full bid responses will be accepted.

10. Will the award of part or all of the Scope of Work in the PR-14-22 Advanced Metering Infrastructure Assessment Project Request for Proposal exclude the successful contractor from providing VIWAPA with the infrastructure, software, and professional services related to a new AMI System?

Answer: In the event the analysis suggests a new AMI System, the winning offeror shall not be able to provide a bid response due to the current RFP including professional services.

11. Can a contractor respond to PR-14-22 Advanced Metering Infrastructure Assessment Project Request for Proposal with a proposal for an AMI platform? Including network and metering hardware, installation services, AMI Head-End System, Meter and Operational Data Management System, Integration Services, Project Management and Professional Services, and On-Going Operations and Support Services?

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Answer: This will not be possible. There is not enough supporting information provided in the current RFP to allow a proposal for a New AMI System.

12. Will VIWAPA consider replacing their Tantalus AMI system without exercising part or all of the Scope of Work of the PR-14-22 Advanced Metering Infrastructure Assessment Project Request for Proposal?

Answer: No.

13. Scope of Work Section B: Professional Services indicates the possibility of a Request for Information to be released during the repair or replacement bidding process.
- a. Has the repair or replacement bidding process been defined? **No.**
 - b. Has a Request for Information been defined for the repair or replacement bidding process? **No.**
 - c. What is the estimated timeline for the repair or replacement bidding process? **This has not been determined.**

14. Do we have to visit all collectors or just 220 tower based?

Answer: A sample size of collectors will be determined to be visited. All towers' sites are required to be visited.

15. Does VIWAPA have a GIS database of the current AMI?

Answer: Yes.

16. When is the last day to send questions and when is the RFP proposals due?

Answer: The last day to send questions was January 20, 2022. The RFP Proposals are due on Friday, February 4, 2022, on or before 10:00am AST.