



VIRGIN ISLANDS WATER AND POWER AUTHORITY

PR-14-25

**Underground Electrical Construction
Christiansted, Queen Street (Feeder 1A)**

St. Croix, USVI

June 04, 2025

ADDENDUM I

Questions & Answers, Clarifications, and Modifications

Questions & Answers

Question #1

Is there an anticipated award date for this project?

Response:

Tentative award date - August 2025.

Question #2

There is not a line item in the bid sheet for the 2 primary metering cabinets (item M1 on sheet E400). Will a line item be added for these or which item should they be included under?

Response:

Line item '13-G' has been added to the bid form - (2) primary metering cabinets.

The basis of design for the CT's, PT's, Meter Socket, and wiring that is to be furnished and installed by the contractor at each metering cabinet will be provided in the construction drawings. The basis of design is also provided on the next page for bidding purposes.

TAG	QUANTITY	DETAILS	BASIS OF DESIGN	MODEL #	DESCRIPTION	INSTALLED BY	FURNISHED BY
M1	X	PAD MOUNTED, 15KV, 95KV BIL. METERING CABINET, DEAD FRONT, RADIAL FEED, STAINLESS STEEL ENCLOSURE, MUNSEL GREEN, WITH VIWAPA APPROVED OUTDOOR RATED 25KV CT'S (3) AND SINGLE BUSHING PT'S 7.62/13.2KV GY (3), INSTALLED, AND WITH VIWAPA APPROVED FORM 6S METER SOCKET INSTALLED, WITH STAINLESS STEEL HARDWARE. PT'S AND CT'S MUST BE CONNECTED WITH #2 AWG, 5/15KV FLEXIBLE JUMPER CABLE. PROVIDE SEALTITE RACEWAYS FOR LV WIRING.	FEDERAL PACIFIC TRINETICS GE GRID SOLUTIONS GE GRID SOLUTIONS OMNI CABLE MILBANK	PMDF-315-R6-200 ME311122XXXXGM JCK-5C, 0.3 B-0.5 ACCURACY JVV-5C, 0.3 Z, 0.6 ZZ ACCURACY, 63.5:1 #2 AWG, PART #B40201 FORM 6S, 13 TERMINAL	PRIMARY METERING CABINET CURRENT TRANSFORMERS VOLTAGE TRANSFORMERS FLEXIBLE JUMPER CABLE METER SOCKET	E.C. E.C. E.C. E.C. E.C.	E.C. E.C. E.C. E.C. E.C.

NOTES:

1. ALL EQUIPMENT IS TO BE FURNISHED & INSTALLED THE ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL EQUIPMENT SHALL BE AS SPECIFIED, OR APPROVED EQUAL. SUBMITTALS ARE REQUIRED FOR ALL EQUIPMENT LISTED ABOVE.

Question #3

There is not a line item in the bid sheet for (3) 15Kv 600a, 4 point variable junction (item 11D on sheet E400). Will a line item be added for these or which item should they be included under?

Response:

Line item '16-L' has been added for (3) 4-point junctions, please refer to revised bid sheet included in this addendum.

Question #4

Would directional drilling be allowed in lieu of open cuts for all conduits?

Response:

Project shall be bid per plans and specifications (traditional duct bank design).

Question #5

Can a profile view of the orientation of the port junctions to be installed within the manholes as shown on page E-101 be provided? Only a top view is shown, and it only depicts one port junction device. Please include the orientation of the angle to install the port junctions to allow switching from outside of the manhole.

Response:

A profile view of the electrical manhole indicating junction orientation will be included with the construction drawings. Three junctions will be required per manhole as indicated on the oneline diagram. Hubbell and Cooper options listed in the schedules on dwg. E-400 have adjustable brackets. Elastimold option requires additional angled brackets if necessary.

Question #6

Item 12A – insulated cap for 200a bushing – This item is called out on page E400. However, do the port junctions need to include parking stands? The model number for the port junctions do not include the separate parking stands. Example: Hubbel 215SB Stand Off Bushing.

Response:

The standoff bushings are required for the parking stands. Please refer to the Revised Bid Schedule line item '16-M'.

Question #7

Are the conductor schedule lengths based on linear footages from the conduit lengths or was additional footage added for makeup, risers, etc.?

Response:

Additional footage was added for makeup, risers, etc.

Question #8

Is the contractor required to wreck-out the existing overhead? If so, please specify the existing overhead that needs to be removed.

Response:

No, the contractor is not required to remove the existing overhead primary lines or components.

Question #9

What is the weight of the WAPA supplied manholes?

Response:

The WAPA supplied manholes consist of a concrete base and a concrete lid. The concrete base weighs approximately 12,340 lbs. The weight of the concrete lid is unknown.

Question #10

Please extend the Questions/Request for Information (RFI's) Due Date one week and extend the Project Due Date to one week after receipt of responses to the Questions/RFI's.

Response:

Additional time cannot be granted due to time constraints associated with Government contracts.

Question #11

The RFP specifies a daily amount Liquidated Damages which are capped at 10% of the contract amount. It then contradicts this by stating that the Authority reserves the right to actual damages. We request that the Authority clarify whether LDs or Actual damages for delays will be enforced so that bidders are not required to guess at which risk level should be anticipated in their pricing and responses.

Response:

The Authority shall assess liquidated damages solely for delay in achieving contract completion. For each day that the project extends beyond the specified contract completion date, for any cause other than excusable causes as defined in Paragraph 13a of the attached General Contract Terms, the Offeror and its sureties shall be liable to the Authority in the amount of \$1,000 per day, subject to a maximum of 10% of the total contract price.

The Authority may, in its sole discretion, waive the assessment of liquidated damages **only where the actual damages incurred by the Authority as a result of the delay materially exceed the liquidated amount**, and in such case may pursue recovery of actual damages. In no event shall the Authority be entitled to both liquidated and actual damages for the same delay.

Question #12

Specifications require contiguous archeology monitoring, for this project can a Phase 1 survey be used instead.

Response:

No, according to the FEMA Record of Environment Consideration (REC), archaeological monitoring is required for all excavation work.

Question #13

It is noted on the drawings, that where practical the secondary conduits shall be run in the same trench as the primary. This may require different trench sections. What is the

minimum depth of the primary conduits, secondary conduits, and communication conduits? What is the minimum dimension between the primary conduits, secondary conduits and communication conduits?

Response:

Primary conduits are indicated with a 36" minimum coverage. However, a 30" minimum coverage is acceptable where the duct bank depth can be coordinated with the secondary conduits, the communication conduits, and other utilities. In general, the secondary conduits are indicated with a 24" minimum coverage. However, 18" minimum coverage is acceptable where the duct bank can be coordinated with other utilities.

- **Minimum depth for:**
 - **Primary conduits: 30"**
 - **Secondary conduits: 24"**
 - **Communication conduits: 18"**

Minimum separation between primary, secondary and communication conduits: 2"

Question #14

The drawings state that the primary submarine cable is existing and the transformer at the Hotel on the Cay is not included in this contract. Bid Schedule Item 13-F is to receive, transport, and rig transformer TX-QS-7 to Hotel on the Cay. Please confirm that this item is included in this project and if so, please provide the size, weight, and lifting lug locations for this transformer.

Response:

The contractor will not be responsible for storage, transportation, or offloading of the Hotel on the Cay transformer. Please see revised bid form included with this addendum, line item '13-F' quantity has been updated to reflect 0.

Question #15

There is not enough information to accurately estimate Bid Schedule Item 19. This item should be an allowance designated by WAPA.

Response:

Refer to the revised Bid Schedule. Contractor shall provide \$25,000.00 allowance for Bid Schedule Line Item '19'.

Question #16

Bid Schedule Items 20-A and 20-B, the design, purchase and installation of the secondary composite poles. These items should be an allowance provided by WAPA. If not, please provide specifications for composite poles, street lights and cameras.

Response:

Refer to the Revised Bid Schedule. Contactor shall provide a \$23,000 allowance for Bid Schedule Line Item '20-A'.

Refer to the Revised Bid Schedule. Contactor shall provide a \$38,000 allowance for each secondary composite pole on Bid Schedule Line Item '20-B' (\$228,000.00 total cost allowance for Line Item '20-B').

Question #17

Bid Schedule Item 9-E does not coordinate with the one line diagram or quantity shown in equipment schedule.

Response:

Bid Schedule Item '9-E' is showing (1) Primary Metering Cabinet Pad. There are (2) total Primary Metering Cabinets on this project, the second Primary Metering Cabinet will be located on Primary Electrical Equipment Pad as identified on Bid Schedule Item '9-A'.

Question #18

Bid Schedule Item 14-D does not coordinate with the one line diagram or quantity shown in equipment schedule.

Response:

Refer to the Revised Bid Schedule. The total quantity for Line Item '14-D' has been adjusted from quantity 5 to quantity 2.

Question #19

Bid Schedule Item 14-E does not coordinate with the quantity shown in equipment schedule.

Response:

Refer to the Revised Bid Schedule. The total quantity for Line Item '14-E' has been adjusted from quantity 1 to quantity 5.

Question #20

Queen Street Bid Form - 18A-D Electrical acceptance testing. Are there documentation requirements needed after testing?

Response:

Yes, documents are required after testing is completed. Refer to Specification Section 260800 'Electrical Inspection and Testing' for details.

Clarifications

Clarification #1:

Contractor must coordinate new duct bank installation with recently installed new waterline and sewer lines mains and laterals. As Built water drawings attached herein (See sheets C15, C16, C17, C18). Sewer line as built are a work in progress.

Clarification #2:

VIWAPA supplied primary cable (1/Ø AWG CU) is paralleled cable (3 cables per reel).

Modifications

Modification #1:

Removal of VIWAPA abandoned waterlines along trenching route based on GPR survey shall be included scope of work and has been added to the Revised Bid Schedule as Line Item '5A' - General Demolition.

Modification #2:

Removal of full lane Road Restoration from scope of work, to now be included in St. Croix Northcentral bundle. Please refer to the revised quantities of 0 in Revised Bid Schedule Line Items '11-C', '11-D', and '11-E'.