



**VIRGIN ISLANDS WATER & POWER
AUTHORITY**

PR-18-22

Hannah's Rest Rehabilitation Project

Date: 5/31/2022

ADDENDUM III

Please be advised that the bid submittal date has been extended to Monday, June 6, 2022 on or before 10:00am AST.

Bid Schedule and Scope of Work

PROPOSAL SCHEDULE

(Note: Offeror must indicate pricing for each item listed. All entries entered on the proposal schedule must be made carefully and in ink; proposal prices must be written in numerical figures for each line item. Failure to follow this guideline is cause for immediate disqualification from this RFP.)

Proposal Form 1 – Hannah’s Rest:

ITEM NO.	ESTIMATED QUANTITY	UNIT	UNIT COST (\$)	DESCRIPTION	TOTAL COST (\$)
1. WATER MAIN				Water main installed as specified and/or shown on the drawings, including excavation, backfill, compaction, base, fittings, testing, etc. and all labor, equipment, and material for a complete job in place.	
1a.	+/- 10,800	L.F.		6-inch AWWA C-900, DR-14, PVC Water Main	
2. VALVES				Valves, Resilient seat complete in place as specified and/or shown on the drawing, including excavation, compaction, restraining devices (as required), Base, paving, valve box, and cover, etc. and all labor, equipment, and material for a complete job in place.	
2a.	21	EA		6-inch AVK Gate Valve (Total valves shown in the drawings)	
3. SERVICE CONNECTIONS				Service connections furnished and installed as specified and/or shown on the drawings, including corporation stops, curb stops, to include gate and check valve for existing customers, excavation, and compaction. Also including all minor materials, road resurfacing, curb replacement, repair concrete driveway pressure/leakage testing, and flushing. All labor, equipment, and material for a complete job in place. More than 3 meters the service connections will be 6-inch x 2- inch	
3a.	141	EA		6-inch x 1-inch service connections	

ITEM NO.	ESTIMATED QUANTITY	UNIT	UNIT COST (\$)	DESCRIPTION	TOTAL COST (\$)
3b.	4	EA		6-inch x 2-inch service connections	
3c.	189	EA		Supply and replacement of meter boxes for existing 5/8" x 3/4"to include customer gate and check valve	
3d.	4	EA		Air release valves as shown on the in the drawings and outlined in the specifications	
4. TIE-INS				Supply and install as specified and/or shown on the drawings, including excavation, bedding, backfill, compaction, base, fittings, testing, capping of existing waterline to be abandoned, and all labor, equipment, and material for a complete job in place.	
4a.	7	EA		Tie-ins at cross streets	
5. HYDRANT & FLUSHING POINT				Tie in to flushing hydrant assembly along with associated appurtenances and as shown on the drawings, including excavation, compaction, base, fittings, testing, etc. and all labor, equipment, and material for a complete job in place.	
5a.	9	EA		Complete installation new Fire Hydrants 6" gate valve and Fire Hydrant Assembly to new water main.	
5b.	2	EA		Complete installation new Automatic flush out as shown in the drawing	
6. SAMPLE STATION					
6a.	2	EA		Install new 2' service line with new sample station with all the details that specified in the drawings	
7. ROAD REPAIR				Repair all asphalt (asphalt the trench and any areas will be damaged by the work), driveways, curbs and sidewalks including bedding, backfill, compaction,	

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				testing, and all labor, equipment, and material for a complete job in place.	
7a.	14,000	SY		Asphalt Installation and Curb/Sidewalk Repair (asphalt the trench and any area damaged by the work).	
8. CUT, CAP, & ABANDON IN PLACE				Cut existing water mains and laterals and install end caps as shown on the project drawings. Abandon Pipes in place unless they need to be removed to allow for installation of the new pipes. Remove the old valves covers (entire project). For the whole entire proposed project area.	
8a.	7	EA		End Caps	
9. ROCK EXCAVATION				Removal and disposal of rock encountered during construction. Rock removal shall conform to Specification Section 02316 Rock Removal.	
9a.	1,500	CY		Removal and disposal of rock (entire project).	
10. CLEAN UP AND MAINTENANCE				Maintaining the project area in a clean, orderly, and dust free manner to the satisfaction of WAPA and the local community including removal of anything no longer needed for WAPA's purposes including but not limited to decommissioned fire hydrants.	
10a.	1	EA		Clean-up of work area and disposal of debris (entire project).	
11. AS-BUILTS AND GIS				Detailed permanent record of each project feature and all changes and clarifications to the project design (entire project).	
11a.	1	EA		As-Built	

ITEM NO.	ESTIMATED QUANTITY	UNIT	UNIT COST (\$)	DESCRIPTION	TOTAL COST (\$)
11b.	1	EA		GIS Records	
12. TRAFFIC CONTROL				Manage the traffic when roads are closed due to work.	
12a.	1	EA		Traffic management.	
TOTAL					

v.

SCOPE OF WORK

A. GENERAL DESCRIPTION

The scope of the work for this project includes the supply and installation of 10,800 LF of 6-inch C-900 PVC DR-14 water main for the completion of the Hannah's Rest Waterline Rehabilitation Project to include all materials, equipment, and labor. All work must comply with applicable federal, territorial, local laws, codes, orders and regulations. The contractor/offeror shall supply all the manpower, materials, tools, equipment, safety devices, knowledge, experience, and supervision to complete the project as shown on proposal drawing and noted in specifications but not limited necessarily to the following description:

A. Verification of Existing Utilities

Representations of existing utilities, facilities, and structures in the Contract Documents are based upon the best available information. The Owner and the Engineer will not be responsible for the completeness or accuracy thereof nor for any deductions, interpretations, or conclusions drawn there from. The Contractor shall verify to his own satisfaction by test pit, line tracing, or other means, the actual location of existing utilities prior to construction in their vicinity.

The Contractor shall identify all existing Service connections, tees, valves, and other appurtenances in the project area. The Contractor shall verify the actual location of the existing waterline and fittings.

B. Water Main Installation

- I. Supply and install +/- 10,800 LF of 6" AWWA C-900, DR-14 PVC Water Main pipes according to the specifications in the drawings to include excavation, backfill, compaction, base, fittings, testing, etc. and all labor, equipment, and material for a complete job in place.
- II. Supply and install twelve (12) 6-inch AVK Gate Valve to include Valves, Resilient seat & valve risers to complete in place as specified and/or shown on the drawing, including excavation, compaction, restraining devices (as required), Base, paving, valve box, and cover, etc. and all labor, equipment, and material for a complete job in place.
- III. Supply and install one hundred and forty-one (141) 6-inch x 1 inch and four (4) 6-inch x 2-inch Service Connections furnished and install as specified and/or shown on the drawings, including corporation stops, curb stops, to include gate and check valve for existing customers, excavation, and compaction. Also including all minor materials, road resurfacing, curb replacement, repair concrete driveway pressure/leakage testing, and flushing. All labor, equipment, and material for a complete job in place. If there are more than three meters the service connections will be 6-inch x 2 inch.
 - a. One hundred and eighty-nine (189) 6-inch x 1 inch and four (4) 6-inch x 2 inch and Supply and replacement for all the meter boxes for existing 5/8" x 3/4" to include customer gate and check valve including the excavation and sidewalk repair. As shown in the drawings.
 - b. Supply and install four (4) air release valves as shown on the in the drawings and outlined in the specifications.

- IV. Supply and install seven (7) tie ins at the crossroads as specified and/or shown on the drawings, including excavation, bedding, backfill, compaction, base, fittings, testing, capping of existing waterline to be abandoned, and all labor, equipment, and material for a complete job in place.
- V. Supply and install new flushing fire hydrant assembly along with associated appurtenances and as shown on the drawings, including excavation, compaction, base, fittings, testing, etc. and all labor, equipment, and material for a complete job in place.
 - a. Supply and install nine (9) 6" gate valves and **Fire Hydrant Assembly** to new water main according to the specifications.
 - b. Supply and install two (2) automatic flush points.
- VI. Supply and install two (2) new 2-inch service line(s) with new sample station(s) with all the details that specified in the drawings including excavation, compaction, base, fittings, testing, etc. and all labor, equipment, and material for a complete job in place.
- VII. Repair all asphalt (asphalt the trench and any areas damaged by the work), driveways, curbs and sidewalks including bedding, backfill, compaction, testing, and all labor, equipment, and material for a complete job in place.
- VIII. Cut existing water mains and laterals and install end caps as shown on the project drawings. Abandon Pipes in place unless they need to be removed to allow for installation of the new pipes. Remove the old valves covers for the whole entire proposed project area.
- IX. Removal and disposal of rock encountered during construction. Rock removal shall conform to Specification Section 02316 Rock Removal.
- X. Maintaining the entire project area in a clean, orderly, and dust free manner to the satisfaction of WAPA and the local community including removal of anything no longer needed for WAPA's purposes including but not limited to decommissioned fire hydrants.
- XI. Detailed permanent record of each project feature and all changes and clarifications to the project design (whole entire project). To include As Built and GIS Records.
- XII. Managing of the traffic when roads are closed due to work.