



Central Purchasing

T. W. Sawyer, CPPO
Purchasing Agent

February 11, 2016

ADDENDUM NO. 2 - TO ALL OFFERORS
Reference Request for Proposals (RFP) No. 1980

Title QUEENS LAKE SANITARY SEWER PROJECT – CONTRACT #6 VACUUM LINEWORK
WEST

Dated: December, 2015

Due Date: February 17, 2016 at 2:00 pm

See attached nine (9) pages.

All other terms and conditions remain the same.

Note: A signed acknowledgment of this addendum must be received by this office either prior to the due date or attached to your bid. Signature on this addendum does not constitute your signature on the original document. The original document must be signed also.

Sincerely,

T. W. Sawyer, CPPO, CPPB

Name of Firm

Signature/Title

Date



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TDD (757) 890-3300

A Hampton Roads Community

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Addendum No. 2 – February 11, 2016

Queens Lake Sanitary Sewer Project Contract 6 – Vacuum Linework West

IFB No. 1980

This Addendum modifies the Contract Documents dated December 2015 as listed below, and is hereby incorporated into the Contract Documents. Bidder shall acknowledge receipt of this Addendum in the space provided on page 102-18 of the Bid Form. Failure to do so may subject Bidder to disqualification.

Project Manual Addendum Items

1. Section 02700, Vacuum Sewer and Division Valves, page 02700-2, Subsection 1.2 Paragraph A.1: ADD “F-593 – Stainless Steel Bolts, Hex Cap Screws, and Studs”.
2. Section 02700, Vacuum Sewer and Division Valves, page 02700-2, Subsection 1.2 Paragraph A.1: ADD “F-594 – Stainless Steel Nuts”.
3. Section 02700, Vacuum Sewer and Division Valves, page 02700-4, Subsection 1.2 Paragraph A.2: ADD “C-115 – Flanged Ductile-Iron Pipe with Ductile-Iron or Gray-Iron Threaded Flanges”.
4. Section 02700, Vacuum Sewer and Division Valves, page 02700-4, Subsection 2.1 Paragraph A.2.c: REPLACE “AWWA C151 Class 51” with “AWWA C115 Class 53”.
5. Section 02700, Vacuum Sewer and Division Valves, page 02700-5, Subsection 2.1 Paragraph A.2.e: REPLACE “AWWA C151 Class 52” with “AWWA C115 Class 53”.
6. Section 02700, Vacuum Sewer and Division Valves, page 02700-5, Subsection 2.1 Paragraph B.2.a: REPLACE “Class 51” with “Class 53”.
7. Section 02700, Vacuum Sewer and Division Valves, page 02700-11, Subsection 3.4 Paragraph F: ADD “Join flanges with Grade 304 stainless steel bolts and nuts conforming to the requirements of ASTM F593 and F594, respectively. Tighten bolts per pipe/fitting manufacturer’s recommendations.”

Drawing Addendum Items

8. Sheet G4 – Traffic Control General Note 22.E: REPLACE “Environmental Services” with “Public Works”.
9. Sheet S1.0 / Addendum No. 1 – REPLACE Test Pile Program paragraph of Note 28 with the following:

“Test Pile Program: Provide test pile program strictly using procedures anticipated for production piling. Record pile driving data in accordance with Section 31620 during all driving of test piles, both initial installation and all restrikes. Tie all work to project datum

(NGVD 29) elevations rather than depths below existing grade or water surface. **Coordinate test pile driving with Owner to allow Owner’s agent(s) to be on site during pile driving and testing.**

Contractor shall notify Owner’s geotechnical engineer a minimum of three (3) working days prior to initiating test pile program to allow for pre-testing pile measurements. Contractor shall clearly and uniquely mark each test pile with its location of installation, e.g. “TP-1”, “TP-2”, ..., “TP-6”, and mark each pile at one-foot intervals with indications of the length to the (bottom) tip end of pile.

Drive test piles, **beginning with Test Piles #3 and #3A at Bent #18**, to one (1) foot (**Test Pile #3A to six (6) feet**) above the tip elevation specified in the following table. Wait a minimum of 72 hours after installation and restrrike all test piles per recommendations of Owner’s geotechnical engineer. Coordinate and cooperate with Owner’s geotechnical engineer for engineer’s performance of dynamic pile testing during all restrikes of test piles. Allow Owner’s geotechnical engineer to install testing equipment prior to performing restrikes, and to remove testing equipment after restrikes and prior to driving test piles to the specified tip elevation.”

Bent	Test Pile #	Tip Elev.	Bent	Test Pile #	Tip Elev.
1 – 3	-	-9	19 – 23	-	-46
4*	1	-15	24	-	-45
5	-	-25	25 – 29	-	-41
6	-	-30	30*	4	-41
7 – 10	-	-38	31 – 33	-	-41
11*	2	-38	34	-	-36
12	-	-41	35	-	-31
13	-	-45	36	-	-26
14 – 17	-	-46	37*	5	-30
18*	3, 3A	-46	Abut. B*	6	-30

*Test Pile Location

10. Sheet S4 – ADD callout for Test Pile #3A at Bent 18. Sketch SK-5 is issued with this Addendum.

Informational Addendum Items

11. Sheet S1.0 – Contractor is advised that, as stated at the end of Note 28 on Sheet S-1.0, production pile length is subject to adjustment based on the results of the test pile program.

12. Disregard test pile locations indicated on the bid documents. Provide test piles at the locations indicated on attached sketch SK-5. Provide test piles with lengths indicated on the sketch SK-5. Note that a test pile, #3A, has been added.

13. Change test pile bid quantity to 385 LF. (1 @ 35’, 2 @ 50’, 2 @ 60’, 2 @ 65’)

14. In the event that test pile program indicates insufficient bearing strength at one or more test pile locations, Contractor shall notify Owner immediately.
15. Owner will provide production pile lengths and tip elevations based on results of test pile program as follows:

Production pile lengths and tip elevations for	Will be provided after results are available from
Bents 1 – 10	Test Piles #1 and #2
Bents 11 – 18	Test Piles #2, #3, and #3A
Bents 19 – 36	Test Piles #3, #3A, and #4
Bent 37 & Abutment B	Test Piles #5 and #6

16. Change production pile bid quantity to 3,840 LF. (6 @ 25', 1 @ 30', 4 @ 40', 12 @ 45', 2 @ 50', 28 @ 55', 22 @ 60')
17. The deadline for submitting additional questions is 5 p.m. local time, Monday, February 15th, 2016.

End of Addendum.

III. BID FORM

Bids to be opened: **February 17, 2016**
 Work to be Completed in: **600 Days**
 Liquidated Damages: **\$500.00** per calendar day after time for Substantial Completion has expired.
\$500.00 per calendar day after time for Final Completion has expired.
 Performance Bond: 100%
 Payment Bond: 100%
 Bid Security: 5%

To: **County of York, Virginia**
120 Alexander Hamilton Drive
Yorktown, Virginia 23690
IFB No. 1980

A. BID PRICE

OPTION A - LUMP SUM BID (Unused)

OPTION B - COMBINATION LUMP SUM AND UNIT PRICE BID (Unused)

OPTION C - UNIT PRICE BID

In compliance with the Bid Documents, titled *Queens Lake Sanitary Sewer Project, Contract 6 – Vacuum Linework West, which incorporates the HRPDC Regional Construction Standards, Fifth Edition* all Addenda issued to date all of which are part of this Bid, the undersigned hereby proposes to furnish all items including materials, supervision, labor, and equipment in strict accordance with, said Contract Documents, for the sum of:

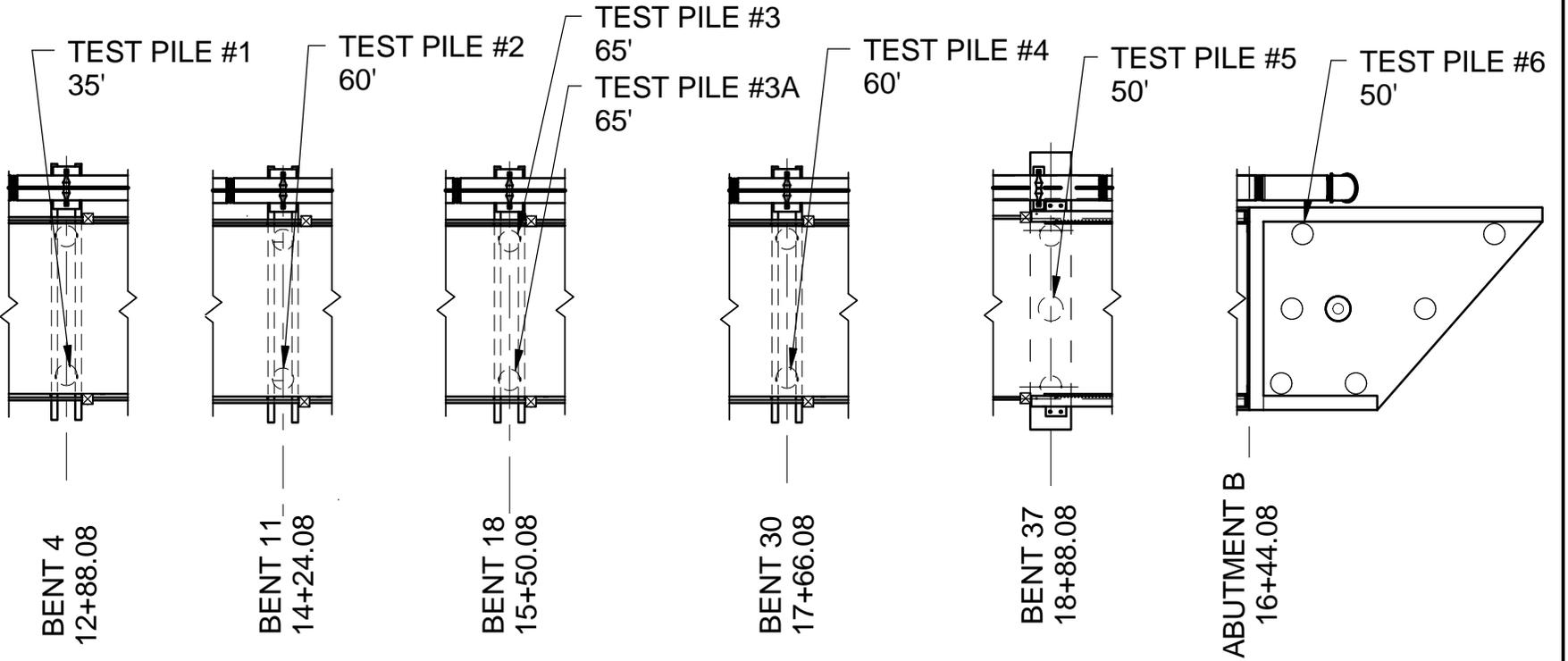
NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
1	Mobilization, Complete (up to 5% of total price of all other base bid items)	LS	1		
2	Undercut Excavation with Bedding Backfill as Directed by Owner	CY	1000		
3	Select Material, Type II – Sand as Directed by Owner	Ton	12,000		
4	Select Material, Type II – Stone as Directed by Owner	Ton	12,000		
5	Miscellaneous Unclassified Excavation as Directed by Owner	CY	1000		
6	Silt Fence, Installed Complete-in-Place	LF	20,000		

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
7	Turbidity Curtain, Installed Complete-in-Place	LF	250		
8	Tree Protection, Installed Complete-in-Place	LF	2000		
9	Rock Check Dam, Installed Complete-in-Place	Each	10		
10	Aggregate Base Material, Complete-in-Place	Ton	10,000		
11	Prime Coat Over Trench Prior to Reconstruction, Complete-in-Place	LF	24,000		
12	Reconstructed Asphalt Pavement, Complete-in-Place	SY	51,500		
13	Concrete Driveway Restoration at Main Line or Lateral Crossing, Complete-in-Place	LF	220		
14	Exposed Aggregate Concrete Driveway Restoration at Main Line or Lateral Crossing, Complete-in-Place	LF	50		
15	Asphalt Driveway Restoration at Main Line or Lateral Crossing, Complete-in-Place	LF	340		
16	Aggregate Driveway Restoration, Complete-in-Place	Ton	900		
17	4" PVC Gravity Sewer Lateral, Installed Complete-in-Place	LF	2700		
18	4" PVC Gravity Sewer Lateral Cleanout Assembly, Installed Complete-in-Place	Each	212		
19	4" Gravity Sewer Lateral Backflow Preventer	Each	13		
20	1-1/2" PVC Force Main, Installed Complete-in-Place	LF	10,000		
21	2" PVC Force Main, Installed Complete-in-Place	LF	5200		
22	Horizontal Directional Drilling for Grinder Force Main	LF	800		
23	1-1/2" Grinder Force Main Cleanout and Valve Vault, Installed Complete in Place	Each	84		
24	2" Grinder Force Main Cleanout and Valve Vault, Installed Complete in Place	Each	1		
25	Low Pressure Force Main Cleanout/Air Relief Valve, Installed Complete-in-Place	Each	12		

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
26	2" Valve and Box Assembly, Installed Complete-in-Place	Each	8		
27	Grinder Pump Assembly, Model DH071-93, Installed Complete-in-Place	Each	62		
28	3" PVC Vacuum Sewer Lateral, Installed Complete-in-Place	LF	4500		
29	4" PVC Vacuum Sewer Lateral, Installed Complete-in-Place	LF	32		
30	4" PVC Vacuum Sewer Main, Installed Complete-in-Place	LF	3900		
31	6" PVC Vacuum Sewer Main, Installed Complete-in-Place	LF	2300		
32	8" PVC Vacuum Sewer Main, Installed Complete-in-Place	LF	7700		
33	8" DIP Vacuum Sewer Main, Installed Complete-in-Place	LF	770		
34	8" Expansion Flex-Tend Fitting, 40.4" Laying Length, Provided by Owner, Installed Complete-in-Place	Each	1		
35	8" Expansion Flex-Tend Fitting, 57.5" Laying Length, Provided by Owner, Installed Complete-in-Place	Each	1		
36	Stainless Steel Pipe Saddle, Installed Complete-in-Place	Each	45		
37	4" Vacuum Sewer Division Valve and Gauge Tap Assembly, Installed Complete-in-Place	Each	8		
38	6" Vacuum Sewer Division Valve and Gauge Tap Assembly, Installed Complete-in-Place	Each	4		
39	8" Vacuum Sewer Division Valve and Gauge Tap Assembly, Installed Complete-in-Place	Each	9		
40	End of Line Marker, Installed Complete-in-Place	Each	17		
41	STD 6 FT Vacuum Valve Pit, Installed Complete-in-Place	Each	35		
42	DEEP 8 FT Vacuum Valve Pit, Installed Complete-in-Place	Each	23		
43	XDP 9 FT Vacuum Valve Pit, Installed Complete-in-Place	Each	20		

NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
44	Vacuum Buffer Tank, Installed Complete-in-Place	Each	3		
45	Appurtenances for Valve Pit with EAAC, Installed Complete-in-Place	Each	3		
46	PVC Air Intake for Grinder Force Main Connection to Valve Pit, Installed Complete-in-Place	Each	8		
47	Tracer Wire Box, Installed Complete-in-Place	Each	10		
48	6" DI Casing Pipe, Installed Complete-in-Place	LF	200		
49	8" DI Casing Pipe, Installed Complete-in-Place	LF	100		
50	12" DI Casing Pipe, Installed Complete-in-Place	LF	100		
51	Vacuum Sewer Line Flushing and Testing	LS	1		
52	Heat Tracing System, Installed Complete-in-Place	LS	1		
53	1" PVC Electrical Conduit, Installed Complete-in-Place	LS	1		
54	Heat Trace Power Cable, Installed Complete-in-Place	LS	1		
55	Pipe/Pedestrian Bridge, Installed Complete-in-Place	LS	1		
56	Retaining Walls, Installed Complete-in-Place	LS	1		
57	5' Concrete Walk with 4" Aggregate Base Course, Installed Complete-in-Place	SY	50		
58	Concrete Walk at Western Bridge Abutment, Installed Complete-in-Place	LS	1		
59	Stainless Steel Bollard, Installed Complete-in-Place	Each	2		
60	Test Piles	LF	385		
61	Production Piles, Installed Complete-in-Place	LF	3840		
62	Site Grading from Bridge to Pump Station, Complete	LS	1		

SOUTH SIDE / LAKE SIDE



NORTH SIDE / DAM SIDE

TEST PILE PLAN

LIBERTY ENGINEERING, P. C.

45271 E Honeygrove Rd #108
Virginia Beach, VA 23465
Phone: (757) 499-2791
WWW: LibertyEng.net

DRAWN BY: CMR
DESIGN BY: JMH
DATE: 02/11/16

YORK COUNTY VIRGINIA, DEPARTMENT OF PUBLIC WORKS
QUEENS LAKE SANITARY SEWER PROJECT
CONTRACT #6 - VACUUM LINEWORK WEST

COMM#
2338
SK-5