

## ADDENDUM 2

### Sewer CIPP Lining Contract – 2019

March 20, 2019

See below for response to bidders questions.

1. Can the owner / engineer please approve QM-1S for the cementitious manhole rehabilitation? (see attached submittal information)  
Answer: Yes, QM-1S is approved.
2. What is the required minimum thickness for the manhole rehabilitation? The minimum thickness per the manufacturer is ½". Is that acceptable for this project?  
Answer: Yes, ½ inch is the minimum required thickness.
3. Does the City have previous bid tabulations of similar project scope?  
Answer: Yes, see attached bid tabulation from last year.
4. Are there any Iron pipes included in the bid quantities? If so, can you please add a bid item listed as Mechanical Cleaning per LF?

Answer: No.

All line segments were videoed by the City prior to going out for bids and if mechanical cleaning was necessary, it was completed at the time of inspection. However, if the contractor encounters lines that in his opinion require mechanical cleaning, then the onsite City inspector will evaluate and if he agrees that additional cleaning is necessary, the City crews will perform the mechanical cleaning. There will not be an additional pay item for mechanical cleaning.

5. Will the owner be providing a water meter for the contractor to utilize free of charge for this project?  
Answer: Yes, the City will be providing water and a water meter free of charge.
6. What is the project budget and will the City be awarding for a specific award amount?

The project budget is \$1,000,000.00, and will award to the lowest responsive bidder.

7. Will the City provide a drying bed to the contractor to dispose the solids once decanted from the vacuum truck? If so, what is the location?

Answer: No.

8. If no drying bed will be provided by the owner, what is a nearby location that will accept the debris?

Answer: The City will provide a disposal site at the City of Concord Brown Operations Center at 635 Alfred Brown Jr. Court SW, Concord, NC 28025 free of charge to the contractor.

9. What is the anticipated Notice to Proceed (NTP) date?

Answer: May 15, 2019.

10. Will the contract be required to secure any permits for this project? If so how much do they cost?

Answer: The contractor would have to get a permit from the City for the water truck, the permit is free.

11. Will the owner / engineer require any specific testing for the CIPP lining and or Manholes? If so, which tests and at what frequency?

Answer: As required by NASSCO Specifications.

12. Could the owner/engineer please provide an estimated segment count (manhole to manhole) or average segment length for the pay items 1 and 2?

Answer: See bid documents, the line segment are itemized from MH to MH.

13. Regarding the pay item no. 3 reconnect laterals to liner section. Can the owner/engineer please confirm if this item should include cost to grout the laterals as well? If yes, are we to grout ONLY the leaking service laterals? Or do you require for us to grout every service lateral?

Answer: No grouting of the laterals will be required.

14. What lateral grouting material is approved if required? (Avanti AV202?)

Answer: Not applicable.

15. Can hydrotite be used as approved equal for the CIPP End Seals? Please see attached submittal for the hydrotite.

Answer: No end seals are required.

16. Can we use air inversion and steam curing for the CIPP?

Answer: Yes.

17. For the bypass pumping, can we use trash pumps and discharge hose?

Answer: Yes.

18. Is the line item 7. Rebuild Shelve of line through MH is rebuilding the bench of the manholes? I couldn't get a clear idea about that line item. Can you please advise?

Answer: See attached sketch for explanation.

19. Does this job has prevailing wage requirements?

Answer: No.

20. Will the Owner/Engineer please provide a copy of the current plan holders list?

Answer: Bidders list is published on our website at

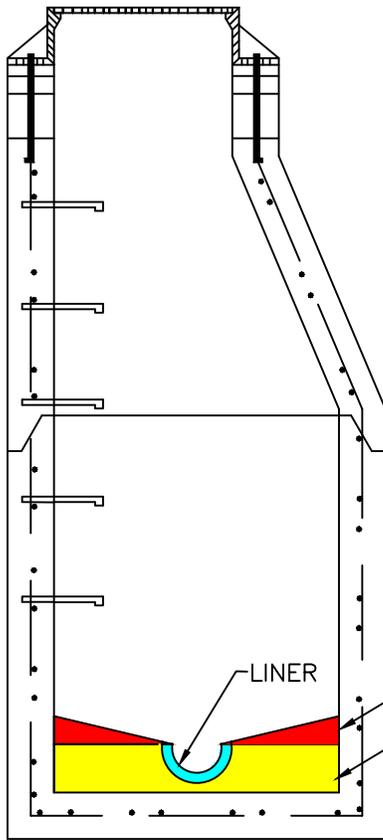
<https://www.concordnc.gov/Departments/Finance/Purchasing/RFPs-and-Bids>

21. Will the Owner/Engineer please confirm if there are any prevailing wage requirements for this job?

Answer: No prevailing wage requirement on this job.

**Please acknowledge receipt of Addendum 2 on page A-2 of the Bid Form.**

**End of Addendum 2**



— GROUT EXISTING BENCH TO LIP OF LINER  
 — EXISTING BENCH

PIPE DIAMETER (INCHES)	MANHOLE DIAMETER (FEET)
8 TO 16	4
18 TO 36	5
39 TO 54	6
54 AND LARGER	8

			CITY OF CONCORD STANDARD DETAIL REBUILD SHELF OF LINE - THROUGH MANHOLE														
							<table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>By</th> <th colspan="3">REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						No.	Date	By	REVISION	
No.	Date	By	REVISION														
Drawn By: BCC		Checked By: EAB		Approved By: EAB		Date 03/19	Sht 1	of 1									



**Bid Tabulation Sheet Summary**  
**Sewer Lining Contract -Spring 2018**  
**Project No. 2017-047**  
**Bids Received February 28, 2018; 11:00 AM**

Item No.	Item Description	Unit	Quantity	Layne Inliner, LLC		IPR Southeast, LLC		AM-Liner East, Inc.		In-Situform		Vac-Vision Environmental, LLC		Prism Contractors & Engineers, Inc.		Tri-State Utilities Co.		SAK Construction, LLC	
				Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)	Unit Price (\$)	Item Total (\$)
1	6-inch Lining	LF	411	\$31.00	\$12,741.00	\$33.00	\$13,563.00	\$28.40	\$11,672.40	\$32.00	\$13,152.00	\$32.00	\$13,152.00	\$25.29	\$10,394.19	\$42.00	\$17,262.00	\$35.00	\$14,385.00
2	8-inch Lining	LF	19,869	\$28.00	\$556,332.00	\$26.50	\$526,528.50	\$29.10	\$578,187.90	\$26.00	\$516,594.00	\$29.50	\$586,135.50	\$26.96	\$535,668.24	\$29.75	\$591,102.75	\$25.00	\$496,725.00
3	10-inch Lining	LF	2,065	\$34.00	\$70,210.00	\$34.00	\$70,210.00	\$30.10	\$62,156.50	\$33.50	\$69,177.50	\$36.00	\$74,340.00	\$31.77	\$65,605.05	\$34.00	\$70,210.00	\$30.00	\$61,950.00
4	15-inch Lining	LF	564	\$46.00	\$25,944.00	\$57.00	\$32,148.00	\$52.70	\$29,722.80	\$43.00	\$24,252.00	\$55.00	\$31,020.00	\$44.35	\$25,013.40	\$45.70	\$25,774.80	\$65.00	\$36,660.00
5	Re-connection of service lines	EA	170	\$125.00	\$21,250.00	\$85.00	\$14,450.00	\$112.50	\$19,125.00	\$155.00	\$26,350.00	\$90.00	\$15,300.00	\$51.00	\$8,670.00	\$130.00	\$22,100.00	\$25.00	\$4,250.00
6	Removing protruding taps	EA	10	\$175.00	\$1,750.00	\$300.00	\$3,000.00	\$230.00	\$2,300.00	\$185.00	\$1,850.00	\$340.00	\$3,400.00	\$203.50	\$2,035.00	\$475.00	\$4,750.00	\$250.00	\$2,500.00
7	4-foot diameter manhole rehabilitation (79 MH's total)	VF	488	\$170.00	\$82,960.00	\$159.00	\$77,592.00	\$137.50	\$67,100.00	\$142.80	\$69,686.40	\$140.00	\$68,320.00	\$132.00	\$64,416.00	\$187.00	\$91,256.00	\$150.00	\$73,200.00
8	Invert Reconstruction	EA	10	\$400.00	\$4,000.00	\$510.00	\$5,100.00	\$880.00	\$8,800.00	\$476.00	\$4,760.00	\$350.00	\$3,500.00	\$300.00	\$3,000.00	\$573.00	\$5,730.00	\$450.00	\$4,500.00
9	Traffic Control	LS	1	\$7,500.00	\$7,500.00	\$16,500.00	\$16,500.00	\$23,000.00	\$23,000.00	\$2,400.00	\$2,400.00	\$15,000.00	\$15,000.00	\$2,500.00	\$2,500.00	\$9,500.00	\$9,500.00	\$2,330.00	\$2,330.00
<b>BASE BID :</b>				\$782,687.00		\$759,091.50		\$802,064.60		\$728,221.90		\$810,167.50		\$717,301.88		\$837,685.55		\$696,500.00	
<b>5% CONTINGENCY:</b>				\$39,134.35		\$37,954.58		\$40,103.23		\$36,411.10		\$40,508.38		\$35,865.09		\$41,884.28		\$34,825.00	
<b>TOTAL BID:</b>				\$821,821.35		\$797,046.08		\$842,167.83		\$764,633.00		\$850,675.88		\$753,166.97		\$879,569.83		\$731,325.00	

This is to certify that bids tabulated herein were publicly opened and read aloud at 11:00 AM on 2/28/2018 at the Brown Operations Center 850 Warren C Coleman Blvd. Concord, NC, and the said bids were accompanied by acceptable bid securities in the amount of 5% of the bid. This Certified Bid Tabulation is true and correct to the best of my abilities and knowledge.

