

September 28, 2015

ADDENDUM 1

SEWER CIPP LATERAL LINING CONTRACT – 2015
PROJECT NO. 2015-044

Please make the following changes to the bid documents and acknowledge receipt on page A-2 of the bid documents:

1. Contract time has been updated to 210 days after the receipt of the Notice to Proceed. This change is specified on page A-4 of the bid documents.
2. Qualifications of Contractor as shown in Exhibit B, Section 1.2 of the Technical Specifications has been updated. The qualifications for the CONTRACTOR or SUBCONTRACTOR and on-site Superintendent has been revised. These changes are specified on page B-4 of the bid documents.

Clint Shoaf, P.E.
Project Engineer

Enclosure:

- [Contract time update] Exhibit A; page A-4
- [Qualifications of Contractor] Exhibit B; page B-4

EXHIBIT A

**UNIT PRICE SCHEDULE
Contract 2015-044**

Item No.	Item Description	Unit	Quantity	Unit Price (\$)	Item Total (\$)
1	Mobilization	LS	1		
2*	CIPP lining of up to 5 ft. of 4-inch lateral pipe	EA	165		
3*	CIPP lining of each additional linear ft. (after 5 ft.) of 4-inch lateral pipe	LF	3,581		
4*	CIPP lining of up to 5 ft. of 5-inch lateral pipe	EA	3		
5*	CIPP lining of each additional linear ft. (after 5 ft.) of 5-inch lateral pipe	LF	58		
6*	CIPP lining of up to 5 ft. of 6-inch lateral pipe	EA	5		
7*	CIPP lining of each additional linear ft. (after 5 ft.) of 6-inch lateral pipe	LF	166		
8	Traffic Control	LS	1		
BASE BID :					
10% CONTINGENCY:					
TOTAL BID:					

* Items 2 – 7 to be in accordance with NASSCO Specifications for “Guideline Specification for Sewer Pipe Cleaning” November 2014 and “Guideline Specification for Pipe Condition Assessment Using CCTV” November 2014.

5. The following roads will require a traffic control plan:

- Union Street N
- Union Street S
- Corban Avenue SE

Depending on the set up required at any of the lines, additional traffic control may be necessary in addition to the streets listed above. It is the responsibility of the contractor to provide all necessary signs and personnel for traffic control.

6. Bidder agrees that the Work will be complete within **210 days** of the date of the Notice to Proceed. Liquidated damages are set at \$200.00 per day past the completion date set forth in the construction contract.

EXHIBIT B

Section 1 – General

1.1 Summary

It is the intent of this specification to provide for the structure rehabilitation of service laterals by the installation of one piece resin impregnated, flexible, non-woven felt liner installed into the existing lateral connection utilizing a pressure apparatus positioned in the main pipe. The lateral pipe is rehabilitated remotely from the main pipe to a sewer cleanout (installed by the City of Concord) located within the public right-of-way. Curing shall be accomplished by use of ambient cure resin or other approved methods to cure resin into hard impermeable Cured-In-Place-Pipe (CIPP). When cured, the liner shall have a watertight connection seal at the main pipe and extend over the length of the service lateral in a structural pipe-within-a-pipe.

This specification covers material requirements, installation practices, and test methods for the rehabilitation of a sewer service lateral pipe and the main connection without excavation.

1.2 Qualifications of Contractor

The employees of the contractor or subcontractor performing the work of this section shall be of the company installing the CIPP Lateral Lining system components, or shall be licensed by the system manufacturer. The Manufacturer of the system must have a minimum of a five (5) year manufacturing history of satisfactory performance and the manufactured system shall have performed a minimum of 25,000 successful CIPP lateral systems installations during this period in the U.S. The contractor or subcontractor contracted to perform the work shall have a minimum of five (5) years of service continuous experience installing CIPP lateral lining in pipe of similar size, length, and configuration as proposed in this project. In addition, the contractor or subcontractor contracted to perform the work shall have successfully installed 2,000 CIPP laterals as the contractor of record for a given project in a wastewater collection system application. The on-site Superintendent of the lateral lining contractor or subcontractor contracted to perform the work shall have installed a minimum of 1,000 CIPP laterals of like condition for the geographic area and have a minimum of five (5) years of CIPP industry experience.

1.3 References

- a. This specification references ASTM Standards which are made part hereof by such reference and shall be the latest edition and revisions thereof.
 - i. ASTM F1216 – *Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube*
 - ii. ASTM D5813 – *Standard Specification for Cured –in-Placed Thermosetting Resin Sewer Pipe Systems*
 - iii. ASTM F2561-11 – *Standard Practice for Rehabilitation of Sewer Service Lateral and its Connection to the Main Using a One-Piece Main and Lateral Cured-in-Place Liner* (used when referring to the applicable system ONLY)