

## ADDENDUM NO. 4

DATE: December 28, 2022

TO: All Potential Bidders

FROM: Penny Owens, Purchasing Agent, City of Knoxville

SUBJECT: Addendum No. 4 – CIPP IV Stormwater Infrastructure Rehabilitation Project

BIDS TO BE OPENED: January 3, 2023, at 11:00:00 a.m. (Eastern Time)

This addendum is being published to respond to questions that the City has received from potential bidders. This addendum becomes part of the contract document and amends the specification as detailed below.

### Questions Received:

**Question #1:** Does the owner intend to use Hydrotite for all end seals or LMK Insignia end seals? Both were mentioned in the specification at different times. Is the intention to use LMK Insignia on Sanitary applications and Hydrotite on Storm applications?

**Response #1:** We intend for LMK Insignia end seals to be used for all segments.

**Question #2:** If LMK Insignia seals are to be used, are mechanical fasteners and dual-sided adhesive tape required?

**Response #2:** Mechanical fasteners are required for each end seal. Per the attached LMK Insignia installation specification, anchor screws shall also be installed for end seal sleeves 18" or greater in diameter. In addition to the above, dual-sided adhesive is to be utilized on an as-needed basis if required to hold the end seals in place.

**Question #3:** Is our understanding correct for cleaning, if the debris content is less than 25% it will be considered incidental to the rehab pay item?

**Response #3:** The cost of cleaning for any length of pipe with cross-sectional area of 25% or less of debris shall be included in the cost of the liner installation pay item.

**Question #4:** The spec references corrugations to be filled. The Pay Item 75.11 states 1.5" of Geopolymer Lining System; will the Owner allow the corrugation fill depth to be included as part of the 1.5" requirement.

**Response #4:** Section 2.d.4 of TS-75.0 states the following: For corrugated pipe, unless Owner/Engineer allows for corrugations not to be filled elsewhere in the plans/specification, corrugations shall be filled with liner material or alternative material approved by liner manufacturer prior to or as part of the installation

process and shall not be considered as part of the installation thickness from the standpoint of achieving the minimum design thickness. The required installed design thickness shall be in addition to the thickness required to fill the pipe corrugations.

**END OF ADDENDUM NO. 4**