

ADDENDUM NO. I

DATE: January 12, 2018

TO: All Potential Bidders

FROM: Penny Owens, Assistant Purchasing Agent, City of Knoxville

SUBJECT: Addendum No. I to the Invitation to Bid for 2017 Large Diameter Cured-in-Place-Pipe Project

RFPS TO BE OPENED: January 31, 2018 at 11:00:00 a.m. (Eastern Time)

This addendum is being published to address the following items regarding the above referenced ITB. This addendum becomes a part of the contract documents and modifies the original specifications as noted.

ITEM 1: A correction is made to the contact information listed for questions on page BD-3 of the Contract Documents and Specifications as follows: "Questions can be submitted by letter, fax (865-215-2277), or email to the Assistant Purchasing Agent of the City of Knoxville (powens@knoxvilletn.gov); or City County Building; 400 Main Street, Room 667-674; P.O. Box 1631; Knoxville, TN 37901.

ITEM 2: This item answers questions submitting concerning the RFP referenced above:

Question #1: In regards to this project, is there an estimated budget established?

Answer: The City of Knoxville does not publish project budget numbers in solicitations.

Question #2: Is there an approximate start date for when work will begin?

Answer: The City will be ready to issue a notice to proceed upon execution of the contract with the winning bidder.

Question #3: I appreciate your time in addressing this question. I have not ordered specs for this project yet, to save your or others time, we are asking if these alternatives can possibly be used; A very strong centrifugally cast concrete product called "Centri-Pipe" or a Thermal Cured PVC called "DynaLiner". Are these an approved equal to your knowledge, can we submit their properties to be considered for this or future large diameter pipe rehabilitation projects?

Mortar:

Mortar used to repair deteriorated or absent pipe inverts shall be Permacast PL-12,000 or engineer approved equal. Approved equals shall have similar physical properties as follows: Initial Set (70 °F, ASTM C-403) Approximately 150 minutes

Final Set (70°F, ASTM C-403) Approximately 240 minutes
Flexural Strength (24 hr, ASTM C-293) Minimum 800 psi
Flexural Strength (28 day, ASTM C,293) Minimum 1200 psi
Compressive Strength (24 hr, ASTM C,109) 5000 psi
Compressive Strength (28 day, ASTM C-109) 11,500 psi
Split Tensile Strength (ASTM C-496) 700 psi
Shear Bond (ASTM C-882) 1720 psi
Mod. Of Elasticity (28 day, ASTM C-469) Minimum 3.48×10^6 psi
Freeze Thaw (ASTM C-666) 300 Cycle Pass
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2.1.2 Mortar used for lining existing pipes shall be Permacast PL-8,000 or engineer approved equal. Mortar shall be mixed with water, creating a material which can be cast, pumped, or sprayed into areas 1/4-inch or larger. Mortar shall be able to be cast against plastic, metal, soil, and wood. Approved equals shall be submitted and approved by the Engineer, in writing, prior to bid opening. Approved equals shall have similar physical properties as follows:

Initial Set (70°F, ASTM C-403) Approximately 150 min.
Final Set (70°F, ASTM C-403) Approximately 240 min.
Flexural Strength (24 hr, ASTM C-293) Minimum 600 psi
Flexural Strength (28 day, ASTM C-293) Minimum 1080 psi
Compressive Strength (24 hr, ASTM C-109) 3,000 psi
Compressive Strength (28 day, ASTM C-109) 8,000 psi
Split Tensile Strength (ASTM C-496) 682 psi
Shear Bond (ASTM C-882) 2,100 psi
Mod. Of Elasticity (28 day, ASTM C-469) Minimum 3.56×10^6 psi
Freeze Thaw (ASTM C-666) 300 Cycle Pass

Answer: This particular method is not described in the specifications and the City does not deem it as an approved equal for this job.

Question #4: The Specs for the above solicitation mention the following:

Prior to submitting their bids, bidders are to be registered with the Purchasing Division by setting up a Vendor Self-Service Account. Instructions for registering on-line are available at www.knoxvilletn.gov/purchasing. Bid submissions from on-registered bidders may be rejected.

Are we currently registered?
If not, what do you need from us?

Answer: You may contact the Assistant Purchasing Agent at powens@knoxvilletn.gov to ensure you are registered in the City's supplier database. If you are not registered, click on the Vendor Registration link on the City's Purchasing website at www.knoxvilletn.gov/purchasing and follow the instructions to register.

Question #5: On Page 89 of the Specifications document it states the following:

PART 1 - GENERAL
1.1 Section Includes

A. The work to be bid on is as follows: The Project consists of the installation of a Cured-In-Place liner into approximately 616 linear feet of 36-inch diameter and 484 linear feet of 30-inch diameter storm sewer pipe. The scope of the project will include all bypass pumping, pipe preparation, pre-lining, and any necessary tools or equipment required to complete the jobs according to the specifications. The allotted time for construction is 90 calendar days.

This scope of work differs from the ITB and the Bid Proposal. In addition, the allotted time of Construction above differs from the Bid Proposal, Page 10 of the Specifications document, which states 120 days.

Answer: The Specifications (in the General Section) do not account for a section of pipe that was originally considered optional to the scope of work beneath Walker Springs Road. The lengths are correct in the bid docs. Additionally, the length of 30" pipe in 2.00 b was still listed as optional, but should be included in bids. The 120 days for allotted time of construction is correct.

END OF ADDENDUM I