



Addendum Number 2

**Lovedale Lane, Offutt Lane, Clearwater Drive, & Fox River Crossing Water Main
Improvement Project**

Issued February 19, 2024

Addendum Description

A Questions and Answers document is attached, clarifying questions submitted by plan holders.

Action Required

- 1. Please sign below acknowledging the change.**
- 2. Return this page with your proposal.**

Signature

Date

Printed Name

Title

Q1. In reference to the below requirements for qualification, will the manufacturers best practice or standard operating procedures be submitted at bid to highlight that the installed product shall be repairable and allow new appurtenances to be added to the lined main without the use of end seals?

REQUIREMENTS FOR QUALIFICATION

To be considered acceptable, the product, manufacturer and installer must each demonstrate, to the Village's satisfaction, compliance with the following requirements:

- A. For a product to be considered as acceptable, the product must demonstrate the following:
 - a. A minimum of 500,000 linear feet of successful pressurized potable water transmission and/or distribution system installation in the U.S. must be documented to assure commercial viability.
 - b. The manufacturer must have provided continuously for at least five years, the material for an acceptable product (as defined above).
 - c. The manufacturer must be able to demonstrate sufficient in-house engineering support and manufacturing quality control (as demonstrated through a comprehensive quality control program).
 - d. Be able to be repaired, or new appurtenances added to the lined water main without the use of end seals. The full cured CIPP lining shall provide a watertight seal between the existing host pipe and the liner at the insertion and termination points without the use of a mechanical/gasket seal.
 - e. The reinstated water service connection shall remain watertight without the use or need of

A1. Yes, the manufacturer's best practice or standard operating procedures should show that new appurtenances can be added without the use of end seals.

Q2. For a more qualitative evaluation and analysis of the bidding products requirement to satisfy the deflection requirement, would a third-party test/report from an accredited laboratory or educational research facility be required instead of only providing a verified document? What is the 5% in reference to?

- ii. Testing reports and data that substantiate the water main lining's capability to undergo the required potential post lining deflections at existing host pipe joints or at host pipe failure locations without failure or leaking in the liner. All liners must demonstrate the ability to withstand a longitudinal deflection of 5%.

A2. In the Special Provision, Requirements for Qualification section starting on page 4 within Section A., h., it states that an independent third party test report and data to substantiate the property in section ii. needs to be provided.

The 5% is in reference to the diameter of the pipe. AWWA M11 allows the steel pipe to deflect up to 5%, which would be the host pipe for the liner.

Q3. Is there a minimum amount of service connections attempted over the past year necessary for this requirement (shown below) with references provided?

- B. For a Contractor to be considered acceptable for installing the liner, the Contractor shall:
- a. Satisfy all insurance, financial, and bonding requirements of the Village.
 - b. Be certified by the CIPP liner manufacturer that the Contractor is a fully trained user and qualified installer of the liner method.
 - c. Must have had at least five years active experience in the commercial installation of the product.
 - d. The Contractor must have successfully installed at least 100,000 linear feet of the product in pressurized potable water transmission and/or distribution mains. A minimum of three municipal references from these projects shall be provided.
 - e. Assign only experienced employees for the project.
 - f. Contractor shall provide documentation of internal water service reinstatement success rate of 90% or greater.
 - g. The Contractor must certify that the installation of the product will be done in accordance

A3. No, there is not a minimum number of services reinstatements necessarily required. However, provide the number of water services internally reinstated along with the success rate information for the past three years.

Q4. What are the current statuses of the IEPA and IDOT permits?

A4. *The IEPA permit was submitted on 2/6/2024 and no comments or response has been received to date. The IDOT permit was submitted on 2/6/2024 and no comments or response has been received to date.*

Q5. Will the standard ASTM F1216 pressure testing requirements be accepted for this project?

A5. *See the below section from the specifications. The Village requires following these standards for the hydrostatic testing.*

HYDROSTATIC TESTS AND DISINFECTION OF THE WATER MAIN

The Contractor shall perform Hydrostatic Tests in accordance with Division IV, Section 41 of the Technical Specifications, and applicable provisions of AWWA C-600 and C-603. The water main shall be pressure tested at 150 psi.