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LETTER OF TRANSMITTAL

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FROM: Ron Key, P.E.

DATE: November 18, 2021

PROJ. NO.: C21016

SUBJECT: Addendum No. 1
 Etowah Utilities
 C.G. Roxane, LLC Water Line Extension

PAGES: 3 pages to follow

<p>PLEASE RESPOND</p> <p>➔ ➔ ➔ ➔</p>	<p>TO CONFIRM RECEIPT OF THIS ADDENDUM NO. 1 PLEASE SIGN AND EMAIL TO CTI</p> <p>vvisco@ctiengr.com</p>
	Company _____
	Signature _____
	Title _____
	Date _____

**ADDENDUM NO. 1
ETOWAH UTILITIES
C.G. ROXANE, LLC. WATER LINE EXTENSION
ETOWAH, TENNESSEE
PROJECT NO. C21016**

The following changes shall be made to the Contract Documents:

I. TECHNICAL SPECIFICATIONS

A. Section 01 11 00, Summary of Work.

1. **DELETE** Page 01 11 00 -1 and SUBSTITUTE therefor Page 00 11 00 -1.1 in its entirety.

B. Section 33 11 13.23, Polyvinyl Chloride Pipe for Water.

1. **ADD** "or C-900, Class 235, DR18" to Page 2.1, A. Line 2, on Page 33 11 13.23-2.

II. DRAWINGS

- A. Drawing 10, Specifications, Note 1, shall be modified as follows: Change the pipe class for ASTM D-2241, to Class 250, SDR 17, and ADD "or C-900, Class 235, DR18."

Date: November 18, 2021

CTI Engineers, Inc.
/s/ Ron Key, P.E.
Project Manager

SECTION 01 11 00

SUMMARY OF WORK

PART 1 - GENERAL

1.1 SCOPE OF WORK

A. The work described in these Contract Documents consists of furnishing, delivering, and installing all materials, equipment, and products for the construction of C. G. Roxane, LLC Water Line Extension, as shown on the Drawings.

1. It is the desire of the Owner to complete the work under the Base Bid, from connection **point** to the meter vault at the new warehouse as soon as practical.
2. The installation of the work from the new warehouse to Mountainview Road should be completed in a timely fashion (if it remains in the contract).
3. **The easement was added to the Drawing after the waterline. Contractor is allowed to locate the pipeline within the easement area.**

B. Furnish all materials, power, equipment, tools, labor, transportation, and other items necessary or convenient to the Contractor for the installation of the equipment, materials, and products specified or described in these Contract Documents and for the completion of all work to be performed by the Contractor as specified herein.

1.2 PROJECT COORDINATION

A. The Contractor shall be responsible for project coordination, which includes but is not limited to the following:

1. Work of employees and subcontractors under contract to him. Conduct work to ensure compliance with schedules.
2. Submission of all invoices, progress schedules, progress reports, progress estimates, and other data needed in support of requests for payment.
3. Product and equipment deliveries adequate to maintain the schedule of construction. Report noncompliance to Owner with a recommendation for remedy.
4. Obtaining and use of all temporary structures, offices, storage sheds, and utilities.
5. Obtaining any required building permits, special permits, and approvals from all authorities having jurisdiction.
6. Testing laboratory activities associated with Contractor's scope of work.
7. Check-out of systems and equipment and start-up operations.
8. Work and operations between the Contractor and all trades in such a manner that no union labor dispute of jurisdiction arises regarding unloading, handling, installations, and connections to utilities and otherwise of the various items in the various trades.

1.7 RECEIVING, HANDLING, AND STORAGE

- A. Receiving, handling, and storage of PVC pipe shall be in accordance with AWWA Manual No. M23, "PVC Pipe Design and Installation," except that all PVC pipe which is stored longer than 1 week shall be covered with an opaque material.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Pipe shall meet NSF/ANSI Standard 14 - Plastic Piping System Components and Related Materials and ASTM D 2241 SDR-17 (Class 250), or C-900 (Class 235) DR18, "Standard Specification for Polyvinyl Chloride (PVC) Plastic Pipe (SDR-PR)," class as shown on Drawings; or AWWA C900 Class 250, class as shown on Drawings. Length shall be 20 feet.
- B. Potable water service certification shall be NSF/ANSI Standard 61 Drinking Water System Components.
- C. Gasket shall be ASTM F 477, "Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe." Gaskets for pipe 6 inch and larger shall be supplied with retainer rings.
- D. Push-on joint shall be ASTM D 3139, "Standard Specification for Joints for Plastic Pressure Pipe Using Flexible Elastomeric Seals."
- E. PVC material 12454-B (PVC 1120) shall be ASTM D 1784, "Standard Specification for Rigid Polyvinyl Chloride (PVC) Compounds and Chlorinated Polyvinyl Chloride (CPC) Compounds."
- F. Fittings shall be short or long body ductile iron meeting ANSI/AWWA C110/A21.10: "Ductile-Iron and Gray-Iron Fittings, 3 in. through 48 in. for Water" and shall be equipped with EBAA Series 2000 PV restrainers, or approved equivalent.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Alignment and Grade. All pipe shall be laid to, and maintained at, the established lines and grades. Fittings, valves, air vents, and hydrants shall be installed at the required locations with valve and hydrant stems plumb.
- B. Trench Construction
 - 1. Stockpiling Excavated Material: All excavated material shall be stockpiled in a manner that will not endanger the work or obstruct sidewalks and driveways. Hydrants under pressure, valve-pit covers, valve boxes, curb-stop boxes, fire and police call boxes, and other utility controls shall be kept accessible.
 - 2. Trench Width