



**City of Norwich**  
**Norwich Public Utilities**

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**ADDENDUM**

**Bid No.: 7625**

**Addendum No.: 2**

**Issued: May 2, 2019**

**Opening Date and Time: May 8, 2019 at 2:00 P.M.**

**Title: Stony Brook Transmission Main Rehabilitation – Phase 1**

**Bidders Note**

This Addendum is issued to provide all bidders with the following:

- a. Changes to the Bid Form;
- b. Changes to the Technical Specifications;
- c. Changes to the Plans; and

All other terms and conditions remain the same.

## **ADDENDUM NO. 2**

Notice to Bidders for

Norwich Public Utilities  
Stony Brook Transmission Main Renewal  
Bid No. 7625

for  
Norwich Public Utilities

ADDENDUM ISSUED: May 2, 2019

This Addendum forms part of the Contract Documents and modifies the original Project Manual & Specifications and Drawings dated January 14, 2019 (Revised April 01, 2019). Acknowledge receipt of this Addendum in the Bid Proposal. Failure to do so may subject the Bidder to disqualification. This Addendum is issued to modify the Contract Documents as follows:

### **Bid Form Changes**

1. Item 16: CHANGE Item Description to ‘Connect to Existing 16” Water Main (Noble Hill Road)’.
2. Item 25: CHANGE Item Description to ‘24” Butterfly Valve’.
3. Item A1-22: CHANGE Item Description to ‘16” Butterfly Valve’.

### **Technical Specification Changes**

1. Page 41 (2.0) (A) Installation of Water Main: CHANGE ‘Joints shall be rubber gasketed and restrained, manufactured in accordance with ANSI/AWWA C111.A21.11’ to ‘Joints shall be rubber gasketed and manufactured in accordance with ANSI/AWWA C111.A21.11’.
2. Page 41 (2.0) Installation of Water Main: ADD the following at the end of this Section:

#### L. Butterfly Valves:

Butterfly valves shall have a cast iron body and shall conform to AWWA C504, except as otherwise specified herein. The valves shall have flanged ends. The valves shall be Class 150B, suitable for non-shock shut-off pressure of 150 psi. The valves shall provide bubble-tight shut-off in both directions at 150 psi.

Butterfly valve designs utilizing continuous linings on internal body surfaces and extending over the flanges will NOT be acceptable. Valve seats shall be removable and constructed of molded rubber. The rubber seat shall be attached to the disk or body and shall be adjustable in either direction. The seat ring on the body shall be of stainless steel.

Valve discs shall be of either cast ductile iron conforming to ASTM A536, or type 316 stainless steel as indicated on the drawings. Discs shall seat at an angle of 90 degrees to the axis of the pipe. Rubber seats mounted on the disk shall be continuous and securely clamped to the disk

or body. All clamps, retaining rings and their fasteners shall be Series 300 stainless steel. All shaft bearings shall be of the self-lubricating corrosion-resistant, sleeve type. Bearings shall be designed to handle all shaft loadings.

Valves 24 inches and smaller shall utilize self-adjusting packing. The packing shall be replaceable without removing the valve actuator. The valve shaft shall be Series 300 stainless steel. The valve disk and shaft connection shall be by means of mechanically secured taper pins extending through the disk and shaft designed to provide a shake proof connection without impairing shaft strength. Taper pins, lock washers and nuts shall be 18-8 stainless steel. The shaft seals shall be designed for the use of standard chevron type packing or standard O-ring seals.

The manual operation mechanism shall be firmly fixed to the valve body. Orientation of the manual operator shall be submitted with the shop drawings and approved by the Engineer. The operator shall be permanently lubricated, totally enclosed with a cast iron case, and the hand wheel or chain operator for valves more than 6 feet from the floor shall turn counterclockwise to open. The operator shall allow up to 300 foot-pounds of input torque at open and close positions without damage to the valve or operator. The operator shall be capable of producing torques listed in Table 1 of AWWA C504.

All valves shall be subjected to hydrostatic and leak tests in accordance with AWWA C504 and shall be rejected if they do not pass this test. The butterfly valves shall be as manufactured by deZurik Corporation, Sartell, MN; Keystone Valves USA, Houston, TX; Henry Pratt Company, Aurora, IL; Mueller Co., Decatur, IL; Clow Valve Co., Oskaloosa, IA; or approved equal.

3. Page 64 Section 3.0 Abandon Existing Water Main with CDF: DELETE the first sentence and replace with the following sentence 'At Leffingwell Road between the limits shown on the Drawings, the Contractor shall empty the pipe of all water, fill the pipe full with CDF and cap the ends.'

### **Plan Changes**

1. All Sheets – CHANGE references to 16” and 24” Gate Valves to 16” and 24” Butterfly Valves.

END OF ADDENDUM