

ADDENDUM NO. 1
WATER TREATMENT PLANT IMPROVEMENTS
CONTRACT 16-04 – WATER TREATMENT PLANT
BACKWASH AND WATER SUPPLY MODIFICATIONS
LEWISBURG, TENNESSEE
WAUFORD PROJECT NO. 2018

Date of Addendum: Friday, October 28, 2016
Bid Opening: Thursday, November 3, 2016, 2:00 P.M. CDT

1. Detailed Specifications, Section 1. General Scope and Special Provisions, Paragraph 2. Execution and Coordination of the Work, Page DS 1-1:

Modify this paragraph as follows:

“2. Execution and Coordination of the Work

It is intended that the work covered by this Contract be done so as to cause the minimum interference with the normal operation of the existing facilities of the Owner.

The Contractor shall be required to organize and schedule his work so as to keep the existing facilities in full operation during the construction period insofar as is consistent with the nature of the construction work to be performed.

The manner in which shutdowns will be made and the Contractor's work schedule are subject to the approval of the Owner and the Engineer. Although every effort will be made to cause the minimum amount of interference with the Contractor's work, the interest of the Owner in regard to the existing facilities must always take precedence over the construction work.

THEREFORE, THE RIGHT IS RESERVED BY THE OWNER TO PUT ANY LINES OR OTHER FACILITIES THAT MAY BE SHUT DOWN FOR THE CONSTRUCTION WORK BACK INTO SERVICE WHEN AN EMERGENCY ARISES.

The connection to the 12-inch high service pipeline will be made with the utmost planning and care so that the 12-inch line will not be out of service more than 12 hours.

The Contractor must have sufficient materials, equipment, labor, and supervision available to accomplish the work required in the time allocated for any shutdown of the existing **water** system."

2. Detailed Specifications, Section 4. Piping, Fittings, Valves, Manholes, and Accessories, Paragraph 13. Flanged Venturi Tube, Page DS 4-12:

Modify this paragraph as follows:

"13. Flanged Venturi Tube

The venturi size shall be noted hereinafter. The accuracy of the tube shall be plus or minus 1% maximum over the flow range, uncalibrated. The venturi shall be made of **carbon steel or** cast iron ASTM 126 Grade B **each** with a 316 stainless steel throat liner. The cylindrical throat length shall be equal to at least one half of the throat diameter. The venturi shall have two sets of inlet pressure and throat pressure taps located 180 degrees apart. The inlet tap shall be bushed with 316 stainless steel. Vent and drain holes shall be located 90 degrees from pressure taps. The included angle of the recovery cone shall be 10 degrees or less. The venturi ends shall have flanges and drilled 125# per ANSI B16.1. The venturi shall be hydrostatically tested by the use of blind flanges, thus loading them in tension at the required line pressure and line temperature for a minimum of fifteen minutes. The cast iron **or steel** interior of the meter shall be properly coated with epoxy paint and suitable for contact with potable water and the exterior shall be coated with factory primer as per **Paragraph 21. Painting**. The venturi shall be machined to accept a close coupled butterfly valve.

The manufacturer shall provide a certified differential versus rate of flow curve for each venturi to be provided covering the entire flow range of the application.

<u>Quantity</u>	<u>Service</u>	<u>Size</u>	<u>Differential</u>
1	Backwash	12"	Not to exceed 100" @ 2,800 GPM

3. BID FORM:

Add the attached Statement of Compliance related to the Iran Divestment Act to the end of the BID FORM.

4. Plans, Sheet 2:

Add the following construction notes to this sheet:

- "4. The Contractor shall supply and install the air gap and drain piping to the bottom flow for the backflow preventer.
- 5. All bolts and nuts for flanged pipe and fittings shall be 304 stainless steel."

5. Plans, Sheet 2:

Modify as shown on the attached 8 ½" x 11" sheet.

6. Plans, Sheet 3:

Add the following construction note to this sheet:

- "2. All bolts and nuts for flanged pipe and fittings shall be 304 stainless steel."

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



J. Gregory Davenport, P.E.
Tennessee License No. 104881

STATEMENT OF COMPLIANCE
IRAN DIVESTMENT ACT

In compliance with the Iran Divestment Act (State of Tennessee 2016, Public Chapter No. 817), which became effective on July 1, 2016, certification is required of all bidders on contracts over \$1,000.

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party hereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to T.C.A. § 12-12-106.

I affirm, under the penalties of perjury, this statement to be true and correct.

Date

Signature of Bidder

Company

A bid shall not be considered for award nor shall any award be made where the foregoing certification has not been complied with; provided, however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. Lewisburg, Tennessee may award a bid to a bidder who cannot make the certification, on a case-by-case basis, if:

- (1) The investment activities in Iran were made before July 1, 2016, the investment activities in Iran have not been expanded or renewed on or after July 1, 2016, and the person has adopted, publicized, and is implementing a formal plan to cease the investment activities in Iran and to refrain from engaging in any new investments in Iran; or
- (2) Lewisburg, Tennessee makes a determination that the goods or services are necessary for Lewisburg, Tennessee to perform its functions and that, absent such an exemption, the political subdivision will be unable to obtain the goods or services for which the contract is offered. Such determination shall be made in writing and shall be a public document.

FOR PIPE GALLERY
MODIFICATIONS -
SEE SHEET 2

4" 12" 23'-0" 5'-6" 4" 12" BACKWASH 20" WATER 20" WATER 19'-0" 12" HIGH SERVICE 21'-0" UGE



NEW PRESSURE
REDUCING VALVE PIT I.E. 740.0 *
SEE SHEET 3

NEW BACKWASH
VALVE PIT
SEE SHEET 3

△ SITE BLOWUP
SCALE: 1" = 10'

SHEET 1 OF 3		WATER TREATMENT PLANT IMPROVEMENTS CONTRACT 16-04 WATER TREATMENT PLANT BACKWASH AND WATER SUPPLY MODIFICATIONS	
REVISIONS		OVERALL SITE PLAN	
ADDENDUM NO. 1 10/28/2016 WZM		FOR LEWISBURG, TENNESSEE	
SCALE AS SHOWN	DATE JULY 2016	WAUFORD J. R. Wauford & Company, Consulting Engineers, Inc. Nashville, Tennessee (615) 883-32 43 www.jrwauford.com	
JOB NUMBER 2018	CHECKED JGD	DESIGNED JGD DRAWN WZM	

1 SITE BLOWUP
SCALE: 1" = 10'

SHEET 1 OF 3		WATER TREATMENT PLANT IMPROVEMENTS CONTRACT 16-04 WATER TREATMENT PLANT BACKWASH AND WATER SUPPLY MODIFICATIONS	
REVISIONS  ADDENDUM NO. 1 10/28/2016 WZM		OVERALL SITE PLAN FOR LEWISBURG, TENNESSEE	
SCALE AS SHOWN		<div>  </div> <div> J. R. Wauford & Company, Consulting Engineers, Inc. Nashville, Tennessee (615) 883-32 43 www.jrwauford.com </div>	
JOB NUMBER 2018		DESIGNED JGD DRAWN WZM CHECKED JGD	