



CITY OF WACO

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Date: 03/06/2020
 RFB No: **2020-017**
 Commodity: **WMARSS Central Plant Heat Exchangers Replacement Project**
 Purchasing Agent: **Mr. Kasey Gamblin**

Closing Time: 2:00 P.M. CST, Thursday, March 12, 2020

Opening Time: 2:01 P.M. CST, Thursday, March 12, 2020

RFB Opening Location: Operations Center, Purchasing Services Office, 1415 N. 4th St.,
 Waco, TX 76707

Addendum No: 2

The above-mentioned RFB invitation has been changed in the following manner. **Sign and return addendum to the Purchasing Office by the closing time and date with your RFB response.** Returning this page signed by your authorized agent will serve to acknowledge this change. All other requirements of the invitation remain unchanged. If you have any questions, please call or stop by the Purchasing Office at the above address.

- 1. The following pages include answers to questions raised and clarifications to the plans and specifications. Please review and note the changes.**

Firm: _____

Address _____

Signature of Person
 Authorized to Sign Bid: _____

Signor's Name and Title
 (print or type): _____

E-mail Address: _____

Date: _____ Telephone: _____ Fax: _____

CITY OF WACO
OFFICIAL BID SHEET
BID INVITATION NO: RFB 2020-017
WMARSS central Plant Heat Exchangers Replacement Project

Questions and Answers from the pre-bid meeting and thereafter:

1. **Scope of work definition and boundaries should be reviewed for clarity.... Maybe this is defined elsewhere... For example, is the City of Waco responsible for supplying and maintaining properly treated and heated water for the heat exchanger? Also, who is responsible for providing Civil work for rainwater drainage and other infrastructure?**

The City of Waco is responsible for maintaining properly treated and heated water coming into the heat exchangers. However, the contractor is responsible for installing the heat exchangers properly and to ensure they exchange heat according the manufacturer's specifications and the conditions of the wastewater plant.

2. **There is little information on the heat exchanger on which to estimate scope and costs. Is some assembly required? Other auxiliary equipment/ appurtenances that need to be purchased and connected are unclear.**

The heat exchangers to be installed were manufactured by Alfa Laval. The City of Waco will provide these heat exchangers. They are fully assembled. Details, specifications, and drawings of the heat exchangers are attached to the plans for this project. All other appurtenances, equipment, and supplies needed to properly install and have operational heat exchangers are to be provided by the contractor.

3. **Site Design Conditions with respect to ambient temperature and pressure ranges, windspeeds, elevation, rainfall, etc. For example, if this is an outdoor installation, is heat tracing or freeze protection going to be provided for times when the ambient temperature falls below freezing?**

This project is an interior (inside) heat exchanger installation. All potential outside influences (rainfall, wind speed ambient temperature, etc.) does not affect this project.

4. **Is the project is going to be managed by HDR, City of Waco, other...?? What function will oversee construction/startup activities such that all systems are coordinated to perform acceptably as a unit through acceptance testing?**

This project will be managed by City of Waco staff. However, HDR Engineering Consultants are the engineer of record and will have some input on the management and progress/construction of this project.

5. **Are there operating permit requirements for EPA emission compliance? If so, who is responsible for managing/scheduling all of the necessary EPA notifications and site permit testing activities?**

There are no operating permit requirements for EPA emissions compliance.

6. **There is a statement that the heater manufacturer's representative needs to be "secured" to oversee installation and operation /testing phases. If this function wasn't already purchased, the bid needs to include that cost.**

The function/cost of installation and operational testing of the heat exchangers by the manufacturer is not to be a part of the contractor's bid.

7. **Can the heat exchangers fit thru the existing opening into the pipe gallery, the heat exchanger final resting place?**

Yes. The dimensions of the opening and the heat exchanger are noted in the plans for this project.

8. **Does the heat exchangers sit on the existing floor or on equipment pads?**

The heat exchangers and other new equipment will rest on new concrete equipment pads per the plans.