



## **Addendum No. 1**

To: All Bidders

From: Matt Rogers

Date: July 30, 2021

**RE: Refurbish Wells 2 and 9  
City of Fairhope, Bid 011-21  
Thompson Engineering Project No. 21-1101-0087**

On Tuesday, July 27, 2021 at 10:00 AM, a Pre-Bid Conference was held at the City of Fairhope Public Works Building to discuss the above project. The following items were discussed:

### **General**

1. This is a voluntary pre-bid meeting for "Refurbish Wells 2 and 9, Bid 011-21".
2. The work consists of removing and replacing the existing pumping equipment and related accessories in Wells 2 and 9 with similar capacity equipment on Fairhope Avenue near Browning Lane. Also included is the cleaning, videotaping, and documentation of the condition of each well screen and casing.
3. Prospective bidders may visit the site by appointment only. Please call Jason Langley to coordinate.
4. The project shall be completed in 90 calendar days.
5. All problems or issues should be directed to the Engineer (Thompson Engineering). The Engineer will coordinate with the City of Fairhope on all technical matters
6. All questions shall be submitted in writing to the Engineer by 12:00PM local time on July 29, 2021.
7. Sealed bids will be received by the City of Fairhope until 10:00AM local time on August 3, 2021 and then publicly opened and read at the City of Fairhope Public Works Building at 555 South Section Street, Fairhope, AL 36535. Bids should be submitted to Dee Dee Brandt, Purchasing Manager.
8. A copy of all Addenda shall be attached to the front of the bid document (not just the sheets acknowledging the addenda).
9. Be aware of overhead power near Well #2
10. Expect construction in September
11. City will be responsible for hauling material away

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In response to the questions and comments received by Thompson Engineering during the pre-bid meeting, the plans and specifications for the above referenced project are hereby revised as follows:

1. Section 112000 – Vertical Turbine Pump
  - a. 1.5 Testing
    - i. Is a Certified Witness Test required for the pump and motor?
      1. **Yes. This shall be coordinated with Curtis Cooper**
  - b. 2.2 Pump Construction
    - i. Plasite coating is specified for bowl flow passages. Is a Tnemec or Belzona coating meeting NSF61 certification an acceptable alternative to Plasite?
      1. **Yes.**
    - ii. Is 304 stainless steel an acceptable impeller material?
      1. **Yes.**
    - iii. Assuming the existing column assembly (column pipe, line shaft, and line shaft retainers) can be reused, should any refurbishment cost be included in the respective line item? Assumed required refurbishment will include: media blast line shaft retainers to clean metal, replace line shaft retainer rubber bushings, flip line shaft during re-install to run shafts on opposite ends than previous, touch up paint column pipe during re-install (where paint is knocked off during handling).
      1. **All new materials shall be provided.**
  - c. 2.3 Motors
    - i. Is TEFC required and should it be inverter duty rated for VFD or soft start use?
      1. **TEFC and soft starts are required**
  - d. 2.5 Spare Parts
    - i. These spare parts are not accessible or repairable by the end user, with the exception of the gland packing. Can we assume to drop these items from the bid: x1 complete set of pump bearings, x1 shaft sleeve? There are currently no shaft sleeves per the install reports and pump bearings are easily accessible components within 2 weeks or less. Pump bearings can also be machined locally. It is the intent of the project for the paint stripe on Bit & Spur to remain or should we plan on replacing it?
      1. **Spare parts will not be required**
  - e. VT-2
    - i. Bronze wear rings are listed on the existing pumps, should this be included for the new pump bowls?
      1. **Yes.**

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2. Section 332105 – Restoration and Documentation of Water Supply Wells

a. 3.1 General

- i. “Clean wells as needed by mechanical means.” What is our basis of bid? “As needed” leaves this task very open ended without knowing the condition on the well for cleaning. Can we expect a change order for chemical treatment if needed during the cleaning process? It would be easier, from our perspective, to bid the cleaning portion for a set amount of hours or days. Adjustments can be made after the bid based on well conditions and then applied to the hourly or daily bid rate.

**1. Section 3.1A specifies cleaning by jetting or surging. If another method is preferred, submit during shop drawing phase**

b. 3.1C-4

- i. Does the utility currently know if the wells are producing sand? If so how are they measuring? The foot notes from Griner’s install of well 2 pump indicates there was sand being produced after that install in 1992

**1. Well #2 does not produce sand when held within its capacity**

c. 3.1D-1

- i. This pump cannot be started until the installation is complete. Rotation will be check prior to coupling the drive motor to the pump line shaft. Rotation check is typically accomplished with a bump start

**1. A bump start is fine. This specification is intended to ensure rotation is checked.**

d. 3.2B-7

- i. Is a 24hr pump test required?

**1. A 2 Hour pump test will be sufficient**

e. 3.2C

- i. Replace damaged and malfunctioning controls and equipment – This will have to be accomplished with a change order once damaged components are known. Are there currently and control or equipment issues?

**1. We are unaware of any damaged components**



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The bidders on this project will be advised to email a signed copy of this sheet to the office of Thompson Engineering Inc. ([ncombs@thompsonengineering.com](mailto:ncombs@thompsonengineering.com)) prior to **Monday August 2, 2021 at 12:00 PM.**

A copy of the entire addendum must be stapled to the inside front cover of the bid book.

If you have any questions regarding this addendum, please contact our office.

Sincerely,  
Thompson Engineering Inc.

Matthew C. Rogers, P.E.  
Senior Engineer

SIGNED:

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Contractors Representative

\_\_\_\_\_  
Date