

ADDENDUM 2
CITY OF FAIRHOPE

Bid 015-20 Consecutive Replacement of Wells 1 & 8

The following information is provided as a result of the pre-bid meeting for the above-named bid held on January 15, 2020.

REMOVE AND REPLACE: Remove Item VIII Scope of Work and Specifications from original bid documents and replace with the updated Item VIII Scope of Work and Specifications contained in Addendum 2.

REMOVE AND REPLACE: Remove Item III Bid Response Form from original bid documents and replace with the updated Item VIII Bid Response Form and Specifications contained in Addendum 2.

CLARIFICATION: Both wells are water-lube not oil-lube as indicated in original bid documents under Item VIII, 8.02.4 therefore bullet 8.02.4 has been stricken from the updated bid documents.

CLARIFICATION: Removal and replacement of second well can begin after five (5) consecutive days of first well being in service.

Bidders are to sign and include signed **Addendum 2** with submitted bid documents.

Acknowledged:

Company

By

Purchasing Manager
City of Fairhope
Posted: 1/16/2020

ITEM VIII

SCOPE OF WORK AND SPECIFICATIONS for Bid No. 015-20 Replacement of Well #1 and #8

The Awarded vendor to provide all necessary supervision, labor, tools, materials and safety equipment to perform the following tasks:

8.0 SCOPE OF WORK: CONTRACTOR WILL CLEAN AND INSPECT CASING AND REPLACE PUMP WITH NEW EQUIPMENT

8.01 GENERAL DESCRIPTION: The drilling contractor will provide all necessary materials and equipment to perform the work described in the following scope of work. The goal of this work is to clean and redevelop the well and screen to restore well capacity and remove the bacteriological growth found in the well. The plan is intended to be a guide; however, the steps and duration of each step may be modified by agreement between the Owner and Contractor based on conditions in the well. See attached installation reports for Well #1 and Well #8. All work performed is applicable to both wells.

8.02 GENERAL SPECIFICATIONS

8.02.1 The normal workweek shall consist of forty (40) productive hours between 7:00 a.m. and 5:00 p.m. Monday through Friday unless authorized by the City of Fairhope to do otherwise. Time lost due to inclement weather may be made up by working extended workdays and /or by working on Saturdays with the approval of the City of Fairhope designated representative.

8.02.2 CONTRACTOR shall handle such material in a manner consistent with all applicable laws and regulations, and shall take care to avoid obstructing roads, sidewalks, and lawns. CONTRACTOR shall be responsible for all parts of the work area and the removal of all debris and surplus material, so as to leave the area in as good a condition as when the work commenced. Material can be disposed of at no charge to the CONTRACTOR.

8.02.3 CONTRACTOR shall provide the crew with a cell phone for communications.

8.02.4 Prevention of accidents on or near the work provided by the drilling contractor shall be the responsibility of the drilling contractor. The drilling contractor shall take all necessary precautions to assure the safety of all persons and property during performance of work and protect the work and adjacent property from damage from the drilling contractor's operations. The drilling contractor shall be responsible for conforming to all applicable laws and regulations relating to drinking water wells and systems.

8.03 SPECIFIC WORK TO BE PERFORMED WELL PUMP:

8.03.1 Replace the bowl assembly with an identical bowl assembly, Flowserve 3 stage 10 EHM or equal to, with full diameter bronze impellers, stainless steel bowl shaft, stainless steel collets, and stainless-steel bowl bolting. The pump bowl will be epoxy coated on the O.D.

8.03.2 Replace all the line shafting, spider bearing assemblies and inserts

8.03.3 Rebuild the packing box

8.03.4 The 8" column pipe will be replaced and have the interior and exterior epoxy coated.

8.03.5 Install new airline assembly.

8.03.6 Well shall be chlorinated for disinfection purposes.

8.03.7 Post-installation Pump Test

8.03.8 All salvageable material remains property of the City of Fairhope, and to be delivered by **CONTRACTOR** to the City of Fairhope Warehouse, 555 South Section Street, Fairhope, AL.

8.4 SPECIAL CONDITIONS

8.04.1 EXCEPTIONS TO SPECIFICATIONS:

These specifications are based upon design and performance criteria which have been developed by the City of Fairhope as a result of extensive research and careful analysis of the data. Subsequently, these specifications reflect the only type of equipment, material(s) or supplies that is/are acceptable at this time. Therefore, exceptions may be accepted if they are minor, equal, or superior to that which is specified, and provided they are listed and fully explained on a separate page entitled, "Exceptions to Specifications". The CITY shall determine which (if any) exceptions are acceptable and this determination shall be final.

8.04.2 All maintenance of equipment is to be the responsibility of bidder and all equipment is to be provided by company awarded bid. The City will not be responsible for upkeep, parts, replacement, and liability of equipment or contract employees.

8.05 SPECIFIC WORK TO BE PERFORMED FOR CASING:

8.05.1 Video well and screens

8.05.2 Provide a well brush suitable for cleaning the 12-in shutter screen. Configure the brush and work pipe so that water can be circulated through the pipe with the brush in the well.

8.05.3 Work pipe shall be sized to allow reverse air circulation at a rate capable of lifting the loose material from the well.

8.05.4 Reciprocate the brush in the screen and airlift at the same time for a long enough period to loosen and remove the solids from the well. Estimated time of the first brushing and airlifting is 4 to 6 hours

8.05.5 Prepare a volume of chlorinated water with a concentration of 500 mg/L free chlorine. Volume will be a minimum of 2x the well screen volume, or >425 gallons. Inject the chlorine solution into the screened interval by moving the work pipe from the bottom of the screen up to the transition to the 24-in casing.

8.05.6 After placement and agitation, allow the solution to rest for one hour, then agitate the screened interval again. Repeat this process for up to 4 hours.

8.05.7 Airlift and brush the spent solution and produced solid from the well until produced water is reasonably clean.

8.05.8 Repeat Steps 7 – 9.

8.05.9 If the results of the second chlorination yield significantly less solids, continue to airlift and brush until the produced water is reasonably clean. If, however, the results of the second chlorination yield similar results to the first chlorination, repeat Steps 7 - 9 for a third chlorination and airlifting.

8.05.10 Consult with the Owner and decide if the completed work appears to have cleaned the well. If Owner and Contractor agree, airlift to total depth of the well to remove any additional settled solids, inject a fourth chlorinated solution of similar volume but distribute the solution from the static water level elevation in the well down to the total depth of the well. Remove the cleaning equipment from the well.

8.05.11 If the Owner and contractor agree additional cleaning is required, provide those services at the unit price per hour stated in the Contractor's Schedule of Values.

8.05.12 Perform post-cleaning video survey of the entire well.

END OF SCOPE OF WORK

ITEM III
BID RESPONSE FORM

BID NO. 015-20 Consecutive Replacement of Wells #1 & #8

Date: _____

Base bid will include all labor, materials, equipment, shipping, overhead, profit, bonds, insurance and all other costs necessary to provide the complete services outlined within this Contract and Scope of Work. Contractor will provide a minimum two-year warranty to cover chipping and peeling.

The Owner agrees to provide the following materials: NONE

We propose to meet or exceed the bid specifications for the sum of:

BID 015-20 RESPONSE	
WELL 1 BID AMOUNT: \$ _____	
The Contractor agrees to complete all the work within _____ calendar days.	
WELL 8 BID AMOUNT: \$ _____	
The Contractor agrees to complete all the work within _____ calendar days.	
TOTAL BID AMOUNT: (written) \$ _____	
_____ (numerical) \$ _____	

Receipt of the following Addenda to these documents is hereby acknowledged by the undersigned (bidder to complete below):

<u>ADDENDUM NO</u>	<u>DATE ISSUED</u>	<u>ADDENDUM NO.</u>	<u>DATE ISSUED</u>

Each bid must give the full business address of the bidder and must be signed by him with his usual signature. Bids by partnerships must furnish the full names of all partners and must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and designation of the person signing. Bids by Corporations must be signed with the legal name of the corporation followed by the name of the State of Incorporation and by the signature and designation of the President, secretary, or other person authorized to bind it in the matter. The name of each person shall also be typed or printed below the signature. A bid by a person who affixes to this signature the word "president", "secretary", "agent" or other designation without disclosing his principal, may be held to be the bid of the individual signing. When requested by the City of Fairhope, Baldwin County, Alabama, satisfactory evidence of the authority of the officer signing in behalf of the corporation shall be furnished.

The undersigned agrees to furnish the goods/services as requested by you for the City of Fairhope, Baldwin County, Alabama in your Invitation to Bid, and certifies that they will meet or exceed the specifications called for. The undersigned has read all information pertaining to this bid and has resolved all questions. It is also understood and agreed that all prices quoted are F.O.B. as described in the bid documents and specifications. The undersigned also affirms he/she has not been in any agreement or collusion among

bidders or prospective bidders in restraint of freedom of competition, by agreement to bid at a fixed price or to refrain from bidding or otherwise.

IF CORPORATION, PARTNERSHIP, OR JOINT VENTURE

Name of Corporation, Partnership or Joint Venture

BY: _____
(**SIGNATURE** of Officer authorized for sign Bids and Contracts for the firm) (Position or Title)

(**PRINT** NAME(S) Of Officer And Others If In Partnership)

Business Mailing Address

City, State, Zip Code

Alabama General Contractor License No. _____ (Attach Copy)

Alabama General Contractor License Major Categories:

Alabama General Contractor Specialties

Alabama Foreign Corporation Entity ID _____
(Required of Out of State vendors)

NOTARY FOR CORPORATION, PARTNERSHIP OR JOINT VENTURE

STATE OF _____ }

COUNTY OF _____ }

I the undersigned authority in and for the said State and County, hereby certify that _____
Print name of Bid signer

as _____ respectively, of _____
title company

whose is signed to the foregoing document, who is known to me, acknowledged before me on this day, that, being informed of the contents of the document they executed the same voluntarily on the day the same bears date.

Given under my hand and Notary Seal on this _____ day of _____, 2020.

Notary

Public _____

My Commission Expires ___/___/___

END OF BID RESPONSE FORM