Addendum No. 1

ITB No. 21-13
HIGH SERVICE PUMPS 1 & 2 REBUILD

July 6, 2021

ITB #21-13 is hereby amended as follows:

A. PLEASE SEE THE ATTACHED REVISED SCOPE OF WORK. THIS SCOPE WILL REPLACE THE SCOPE IN THE CURRENT ITB DOCUMENTS.

1. All other conditions remain in full force and effect.

2. If a Bid has been submitted and anything in this Addendum causes the bidder to change the item offered or to increase or decrease the Bid price, the new price and/or changes will be inserted below:

   

3. All bidders under this Invitation to Bid are kindly requested to acknowledge receipt of this Addendum on page 14 of the Bid Form.

   

   Tina Malone
   Tina Malone, CPPB CPPO
   Procurement Manager
   Department of Finance, Purchasing Division

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Rockdale County Water Plant High Service Pumps #1 & #2 Rebuilds

Overall Scope of work

Rockdale water treatment plant request sealed bids for the removal/Installation and rebuild of two (2) high service pumps and motors (P-8-1 and P-8-2). Located in the high service building at 3090 Gee’s Mill Road Conyers Ga. 30013. Removal and rebuild of the pumps, and motors. Install and perform startup as conditions allow (Working with operations and maintenance staff) and perform vibration test for base line. Check for leaks and proper operation. Removal and re-build of one (1) pump and motor at a time to keep operation status of the treatment plant. Remove pump and motor, perform repair/rebuild, re-install pump and motor, test and set to run before removing of the second pump.

Successful bidder should supply all personnel including experienced supervisor and equipment to perform the removal/installation and rebuild/repair of 2 Ingersoll-Dresser 200LNN600 split case pumps and motors.
All personnel should be qualified with the specific task required to perform the work described below.

We request the use of OEM parts where needed.

Caution:

All work should be performed in a safe manner following all lockout/Tagout procedures to insure a safe working environment.
Water plant maintenance personnel will assist in isolation of the pumps. Time may be required to assure pump is totally isolated using the Inlet and outlet control valves of each pump.
**Pump P-8-1**

Ingersoll-Dresser 200LNN600 Split Case Pump  
Serial #. 0127MS001587-1  
3000 GPM  
1775 RPM max

**Motor**

400 HP Baldor Inverter duty motor  
1792 RPM  
480-volt Eaton drive  
Serial # K1312120001

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**Pump P-8-2**

Ingersoll-Dresser 200LNN600 Split Case Pump  
Serial #. 0107MS001587-2  
3000 GPM  
1775 RPM max

**Motor**

400 HP Baldor Duty Master motor  
1788 RPM  
4160-volt Eaton soft start  
Serial # S9074391-001 L001 EN

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SCOPE

Pumps rebuild

- Disconnect from piping, motor, and remove pump from stand.
- Transport to repair facility.
- Disassemble pump completely.
- Clean all parts to be reused.
- Inspect and record all critical dimensions.
- Inspect impeller for wear and cavitation and repair.
- Perform machining or replace
  a) Impeller wear rings
  b) Case wear rings
- Provide and install the following parts.
  a) Shaft bearings
  b) Mechanical seals
  c) All case gaskets and O-rings needed for pump and pump installation
- Dynamically balance the impeller to within ISOG1.0 specification.
- Assemble the pump complete using new gaskets.
- Lube bearings according to factory specifications.
- Prepare pump case and paint using the factory specification paint with current color.
- Deliver pump to Rockdale water high service building, install onto pump base, and connect to piping using new gaskets.
- Perform startup, test, and perform baseline vibration test on unit.
- Provide reports on any repairs required during the rebuild process of the pump and provide written warranty information.
- Replace the fault coupling with new one and lubricate.

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Motors

- Transport motor to a certified repair shop
- Disassemble motor completely.
- Clean and inspect all parts.
- Check and test all windings and rotor bars for problems.
- Clean, Dip, and bake windings.
- Paint to factory specifications
- Report any problems found.
- If all parts test good, rebuild with new bearings, seals, and paint.
- Balance unit according to factory standards.
- Return to work site, install with pump, and perform startup.

Additional

- Provide all shipping cost in the bid quote.
- No work outside of scope shall be performed without approval from Rockdale water plant management.
- Perform a base line vibration test during start up by a certified vibration analyst.
- A 5-ton overhead bridge crane is in the high service pump building and can be used for the removal/installation of the pump and motor.

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