

**THE CITY OF PHENIX CITY WWTP'S  
 WWTP Screw Pump Gear Boxes Rebuild  
 TO OPEN NOVEMBER 10, 10:00 AM EASTERN**

The City of Phenix City/Utilities Department will be soliciting bids for the following:

	To have the #1 and #2 Screw Pump Gear Boxes Rebuilt, located at the City of Phenix City's WWTP. See the specs in the bid package of the work to be done.		

Bids must be submitted on the bid form in a sealed envelope marked:  
**Phenix City Utilities Dept./ WWTP's #1 and #2 Screw Pump Gear Boxes Rebuild**

Bids must be submitted no later than Thursday, November 10, 2016 at 10:00 AM EASTERN at:  
 Phenix City Finance Department  
 Attn: Purchasing Agent  
 601 12<sup>th</sup> Street, Second Floor  
 Phenix City, Alabama 36867

Bids will be opened in the City Council Chambers located at 1111 Broad Street, Phenix City, Alabama.

No bidder may withdraw his bid within 90 days after the opening thereof.

The City reserves the right to waive any informality, or to reject any or all bids, and to award the contract to the best and most responsible bidder.

**A 5% bid bond or cashiers check must be submitted with all bids in order for your bid to be considered.**

For additional information or copies of the bid form and/or specifications, contact Charles Woody (WWTP) at 334-291-4713 or Mike Smisek (WWTP) at 334-291-4713.



## City of Phenix City Wastewater Treatment Plant Screw Pump Gear Boxes Rebuild Specifications

The City of Phenix City WWTP is looking to rebuild 2 (two) gear reducers and motors at 1600 East State Docks Rd. Phenix City, Al. 36869.

The manufacture is **FOOTE JONES** model number **K8255PSL324T**, ratio **25.6/1**. The gear reducer and motor are mounted at a **38 degree angle**.

### 1) Materials and Supplies

Price to include the complete rebuild of above referenced gear reducer in addition to materials & services listed below:

- All new OEM bearings, seals, shims & gaskets.
- New back stop springs and pawls.
- New moisture type breather vent.
- Machine surfaces needed to repair seal surfaces.
- Housing & components thoroughly cleaned using chemical vat process.
- Housing interior treated with insulating varnish to insure smooth oil flow.
- Shop services to assemble gear reducer to factory specifications.
- Mount gear reducer on shop test stand. Perform "No-Load" test run at input speed for minimum 4 hours to raise operating temperature in units.
- Monitor bearing temperatures. Verify proper seal installation.
- Prime & finish coat on housing exterior.
- Shaft extensions coated with preservative.
- Pickup and delivery back to facility.

Motor manufacturer is **BALDOR** model number **EM4110T 40HP** frame, **324T**.

- Dismantle and inspect all parts and components.
- Wash and dry stator and reinsulate.

- Balance rotor.
- Install new bearings.
- Reassemble, test and paint.

To minimize down time, Phenix City employees will remove (1) motor and gear reducer and prepare for shipping AFTER purchase order is issued and standard rebuild parts are received. After the first unit is returned and put back in service for 1 week, the Phenix City employees will remove and prepare the second unit for shipping.

If any more information is needed, please contact, Mike Smisek [msmisek@phenixcityal.us](mailto:msmisek@phenixcityal.us) phone 334-291-4713 or Charles Woody [cwoody@phenixcityal.us](mailto:cwoody@phenixcityal.us) phone 334-291-4713.

## 2) Information

- a. For information in responding to this Invitation for Bids prospective bidders may contact the City of Phenix City Purchasing Clerk, Alberto Fuentes (334)448-2735.
- b. To be considered, bids must be received at the City of Phenix City's Purchasing Office.
- c. Schedule:
  - i. Mail out specs October 24, 2016
  - ii. Bids are due to the City by 10:00am on Thursday, November 10, 2016
  - iii. Award the bids on Tuesday, November 22, 2016

## 3) Bid:

Amount: \$ \_\_\_\_\_