

July 23, 2018

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
IFB #Y18-1128, GEAR REDUCTION DRIVE UNIT PREVENTATIVE MAINTENANCE
TERM CONTRACT**

ADDENDUM NO. 1

The above Invitation for Bids is changed. Additions are indicated by underline, deletions are indicated by ~~strikethrough~~.

1. Page 25-26, Scope of Services is replaced with Scope of Services A.
2. The following are questions, with respective answers, for the above Invitation for Bids:

Question 1 – On page 25, Scope of Services, Background, it states that there are seventeen (17) Operating Siemens/Flenders Units and five (5) back up units for a total of twenty two (22). However, under the Performance Requirements it states that there is a total of twenty five (25) units. Can you please clarify? Will we be working on twenty two (22) or twenty five (25) units?

Answer – The Scope of Services is replaced with Scope of Services A. See attached in this addendum.

All other specifications, terms and conditions remain the same.

ACKNOWLEDGEMENT OF ADDENDA

The bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.

Receipt acknowledged by:

Authorized Signer/Title

Date Signed

SCOPE OF SERVICES

BACKGROUND

The Contractor shall provide preventative maintenance on seventeen (17) operating aerator Siemens/Flender Gear Reduction Drive units and ~~five (5) backup Siemens/Flender units~~ located at three (3) water reclamation facilities. Maintenance of these units shall be performed at the locations as identified below and in accordance with the frequency, specifications and qualifications described below.

PERFORMANCE REQUIREMENTS

~~Seven (7)~~ Five (5) each Model H3BV12

~~Thirteen (13)~~ Eight (8) each Model XSBL360

~~Five (5)~~ Four (4) each Model XSBL400

1. Maintenance Locations

- a. Northwest Water Reclamation Facility, 701 West McCormick Road, Apopka, Florida 32703
 - i. Four (4) Siemens/Flender Units
 - ii. ~~One (1) Siemens/Flender Spare Unit~~
- b. Eastern Water Reclamation Facility, 1621 South Alafaya Trail, Orlando Florida 32805
 - i. Eight (8) Siemens/Flender Units
 - ii. ~~Four (3) Siemens/Flender Spare Units~~
- c. South Water Reclamation Facility, 4760 West Sand Lake Road, Orlando Florida 32819
 - i. Five (5) Siemens/Flender Units
 - ii. ~~One (1) Siemens/Flender Spare Unit~~

TECHNICAL REQUIREMENTS

1. Maintenance Procedures

- a. Monthly site visit shall include:
 - i. Visual inspection of gearbox and motor to verify running condition.
 - ii. Vibration signature of motor and gearbox.
 - iii. Check lubricant levels and fill as required.
 - iv. Check desiccant breather and change when required.

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Replacement desiccant breather to be provided by the County.

- b. Semi-Annual site visit shall include:
 - i. Cycle oil through mobile filtration system to remove water and filter through 10 micron filter.
 - ii. Collect oil sample of filtered oil being returned into gearbox sump and send for analysis and provide report.
- c. Annual site visit shall include:
 - i. Complete oil change using Orange County supplied oil.
 - ii. Complete bore scope inspection with detailed report.
- d. Unscheduled site visits:
 - i. The Contractor shall visit each site as needed to investigate any perceived aerator gear reduction unit problems i.e.: low oil pressure, low oil levels, etc. Each visit shall evaluate and record unit condition and determine if further inspection and/or repair is required. Inspection findings shall be documented and discussed with the appropriate Orange County mechanical or electrical supervisor. This information shall be formalized in a detailed written report outlining the observations and delivered in person or via email to the appropriate Orange County supervisor.

2. Documentation

- a. The Contractor shall document all site visits and inspection on the work order sheets provided by Orange County staff. The work order sheets shall be returned to the Maintenance Supervisor for entry into the MAXIMO maintenance management system on the same day the work is completed.
 - i. Orange County Maintenance Supervisor will provide the following information to the Contractor:
 - 1. Maintenance and inspection schedule.
 - a. Site visit and date.
 - b. Unscheduled site visits notification to include unit and reason for call out.
 - ii. The Contractor shall provide the following information to the Orange County Maintenance Supervisor:
 - 1. Complete monthly vibration report along with overall report showing cumulative trends.
 - 2. Oil analysis reports as collected
 - 3. Bore scope inspection reports