



**City of Pompano Beach, Purchasing Division  
1190 N.E. 3rd Avenue, Building C  
Pompano Beach, Florida, 33060**

September 11, 2015

**ADDENDUM #1, Bid L-51-15 FURNISH LIME SOFTENING GEARBOX UNIT**

To Whom It May Concern,

Please review the following questions submitted by potential bidders, and answers from the City, including changes to the Technical Specifications.

In the Technical Specifications Section 11220, on all pages, the page numbering at the bottom has been changed from "11221" to "11220".

**Q1:** When looking down on the Gearbox from the access bridge which way is the Rotor Impeller turning – clockwise (CW) or counter clockwise (CCW)?

**Response:** The Rotor Impeller turning – clockwise (CW).

**Q2:** Technical Specifications section 11220-1 1.01 Scope of Work Will the outlet shaft coupling be reused or should the manufacturer/bidder provide the coupling?

**Response:** See the response to Q3, which includes the answer to this question.

**Q3:** Technical Specifications section 11220-5 2.03 Rotor-Impeller Mixer Gear Reducer A. requires that integral electric drive motor shall have a NEMA C-Face mounting flange. Does the bolt in motor need to be a horizontal or vertical mount?

**Response:** Section 11220, page 11220-5, paragraph 2.03, A: DELETE the last sentence and INSERT the following in its place:

"The motor may be in either a vertical or horizontal mount configuration. The drive unit shall be connected to the existing rotor impeller mixer using a flanged shaft coupling. The Manufacturer shall supply a drive-side half of the coupling machined to mate with the existing rotor-side half of the coupling."

**Q4:** Technical Specifications section 11220-5 2.03 Rotor-Impeller Mixer Gear Reducer B. requires the gear reducer have a minimum efficiency of 96%. Is that final efficiency or 96% efficiency per stage?

**Response:** Section 11220, page 11220-6, paragraph 2.03, B: CHANGE the last sentence to read as follows:

"The gear reducer shall have a minimum efficiency of 96% per stage."

**Q5:** Technical Specifications section 11220-6 2.03 Rotor-Impeller Mixer Gear Reducer C. Gearing states gearing shall be cut with a 25 degree pressure angle. All helical sets can be cut with the requested 25 degree pressure angle. It is our experience that all or almost all bevel gear sets are cut with a 20 degree pressure angle. Is the 20 degree on the bevel set acceptable?

**Response:** Section 11220, page 11220-6, paragraph 2.03, C: In the fourth sentence, CHANGE “25 degree” to “20 degree.”

**Q6:** Technical Specifications section 11220-6 2.03 Rotor-Impeller Mixer Gear Reducer F. Lubrication The existing gearbox shows an external lubrication system. The specifications state the lubrication shall be achieved by an internal forced lubrication system, directly driven by one of the reducer shafts. Is the lubrication system to be external or internal?

**Response:** The lubrication system shall be an internal forced lubrication system, directly driven by one of the reducer shafts as stated in the specifications.

**Q7:** Technical Specifications section 11220-2 1.02 Quality Assurance A. Qualifications states the manufacturer of the equipment shall have at least ten (10) years' experience in the design and manufacture of the type of equipment proposed and shall provide a list of at least ten (10) similar installations, five (5) years old or older still in operation. What format would you like used to provide this information?

**Response:** Please use the form that is page 3 and 4 of this addendum to provide the required information.

**Q8:** We are requesting that you include Foote-Jones as an approved equal to the Flender Gear Drive.

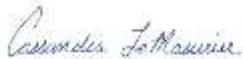
**Response:** Refer to Section II GENERAL CONDITIONS item 9. Brand Names. If bidders are submitting a bid for a replacement drive other than the drive manufactured by Infilco Degremont, Inc., Envirodyne Systems, Inc., Siemens Flender as specified in Technical specifications section 1.02 QUALITY ASSURANCE it is the bidder's responsibility to furnish information to allow the City to deem whether the replacement drive unit is an approved equal. If the unit is deemed to not be an approved equal the bid will be considered nonresponsive.

Addendum #1 is posted on the City's website: <http://www.pompanobeachfl.gov>. Acknowledge receipt of this Addendum in the area provided on page 11 of the bid.

The deadline for acceptance of bids in the Purchasing Office, 1190 N.E. 3<sup>rd</sup> Avenue, Bldg. C, Pompano Beach, 33060, is **2:00 p.m. (local), September 22, 2015.**

The remainder of the solicitation is unchanged at this time.

Sincerely,



Cassandra LeMasurier, Purchasing Supervisor

cc: website, file

Per Technical specifications section 11220-2 1.02 Quality Assurance A. Qualifications the manufacturer of the equipment shall have at least ten (10) years' experience in the design and manufacture of the type of equipment proposed and shall provide a list of at least ten (10) similar installations, five (5) years old or older still in operation. Provide the requested information on the form below.

1. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

2. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

3. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

4. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

5. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

6. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

7. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

8. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

9. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_

10. Name and address of customer: \_\_\_\_\_  
\_\_\_\_\_

Contact person name and telephone number: \_\_\_\_\_

Description of services provided and date(s) of installation: \_\_\_\_\_  
\_\_\_\_\_