



Procurement Bid Office
Customer Center 1st Floor, Room 002
21 W. Church Street
Jacksonville, Florida 32202

June 5, 2018

ADDENDUM NUMBER: **Three (3)**

TITLE: **Bradley Road and Argyle Forest Boulevard Wastewater Pump Station Improvement Projects**

JEA SOLICITATION NUMBER: **080-18**

BID DUE DATE: **June 19, 2018**

DUE DATE TIME: **12:00 PM**

TIME OF OPENING: **2:00 PM**

THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES

CLARIFICATION: The drawing packages issued with Addendum 2, replaced the drawings that were issued with the solicitation. The solicitation drawings were replaced due to having issues with formatting, which cause some of the characters (text/type) in the pdfs to show up as symbol text, which made the text illegible. No other changes were made to the content of the drawings.

ADD: The original site drawings are added to this solicitation for reference.

RESPONSES TO QUESTIONS FROM BIDDERS

1. **INQUIRY:** We would like to request the removal of the vibration testing for the Diesel Driven Back-Up Pump for the Argyle Lift Station in Section 11148 from Appendix C Technical Specifications with the below back-up for the removal:

Section 3.03 Inspection & Field Testing Section D

Onsite Vibration Testing – The specs call for onsite vibration testing... “vibration tests performed in accordance with ANSI/HI 11.6 on each unit by a minimum level III qualified vibration technician as defined by Vibration Institute or equivalent...” there are a couple issues with this:

- a. ANSI/HI 11.6 is for Rotodynamic Submersible Pumps
- b. ANSI/HI 9.6.4 “Rotodynamic Pumps for Vibration Measurements and Allowable Values” excludes reciprocating engine-driven pumps from that standard. Since that is what we fall under we are excluded from having to meet the vibration standards outlined in that section.

- **RESPONSE:** The engine-driven pump is excluded from the vibration standard. Vibration and noise testing will be performed in accordance with the pump manufacturer’s standard instructions.

2. **INQUIRY:** Bradley Road Specification section 11306 (Submersible Solids Handling Pumps) indicates that this section shall provide eight dry-pit submersible wastewater pumps and variable-frequency drives (**VFDs**). Six of the VFDs for the Booster Pumps are free standing, the other two are Jockey Pumps and those VFDs are located in the Motor Control Centers. Please confirm the provider of the Motor Control Center does not have to be responsible for providing the two Jockey Pumps.

- **RESPONSE:** Per Specification Section 11306, paragraph 1.05.A, the VFDs shall be supplied by the electrical panel manufacturer and coordinated with the pumps to be supplied.

3. **INQUIRY:** Bradley Road drawing E-6, note 13 states the following. (There shall be a contribution in aid of construction charge from the contractor to JEA to provide the new electrical service, including service pole, transformer and primary conductors). Since we are not able to obtain this amount can an allowance be provided on the bid form to compensate this fee.

- **RESPONSE:** Cost for new electrical service has been allocated to the project. Refer to letter titled *CIAC Charges for Installation of additional transformer @ Booster Station* attached for additional items not included by JEA.

4. **INQUIRY:** We would like to request the removal of the vibration testing for the Diesel Driven Back-Up Pump for the Argyle Lift Station in Section 11148 from Appendix C - Technical Specifications with the below back-up for the removal:

Meggering the motor in section 3.03.B.4.A as we can't do this with a diesel driven pump

Also can you give better explanation in regards to the PE Stamp? It was not in the section of the Diesel Drive Pump that it was needed, but referenced elsewhere in the bid, so does the Diesel Driven Back-Up Pump need to have a PE Stamp for its submittal?

- **RESPONSE:** Refer to response to Inquiry #1. Meggering the motor does not apply to the diesel driven pump. No, a PE is not required to stamp the submittal for the diesel driven back-up pump. Refer to 080-18 Solicitation, paragraph 2.13.38:

2.13.38. CONTRACTOR'S PLANS AND SPECIFICATIONS

All plans and specifications that the Contractor provides for any building, structure, system or equipment where required by federal, state, local laws and regulation as part of the Work shall bear the seal of a professional engineer duly registered in the State of Florida at no cost to JEA.

5. **INQUIRY: Please consider the following Siemens products:**

Bradley Road Specification (Section 16900, Part 2.02, C) please allow Siemens to be an approved pilot device vendor
Bradley Road Specification (Section 16900, Part 2.03, A) please allow Siemens to be an approved control station vendor
Argyle Forest Specification (Section 16150, Part 2.07, 12) has approved Siemens motors. I was wondering if Siemens motors could be also approved for Bradley Road (Section 16150, Part 2.01, J)
Argyle Forest Specification (Section 16191, Part 2.01, A) please allow Siemens to be an approved disconnect switch
Argyle Forest Specification (Section 16191, Part 2.01, B) please allow Siemens to be an approved fused disconnect switch
Argyle Forest Specification (Section 16191, Part 2.01, C) please allow Siemens to be an approved motor starter
Argyle Forest Specification (Section 16191, Part 2.01, D) please allow Siemens to be an approved magnetic motor starter
Argyle Forest Specification (Section 16191, Part 2.01, E) please allow Siemens to be an approved combination magnetic motor starter
Argyle Forest Specification (Section 16191, Part 2.01, F) please allow Siemens to be an approved control station and indicators
Argyle Forest Specification (Section 16191, Part 2.01, G) please allow Siemens to be an approved dry type transformer
Argyle Forest Specification (Section 16191, Part 2.01, H) please allow Siemens to be an approved mini-power zone
Argyle Forest Specification (Section 16191, Part 2.01, K, 1) please allow Siemens to be an approved control relays
Argyle Forest Specification (Section 16191, Part 2.01, K, 2) please allow Siemens to be an approved timed control relays
Argyle Forest Specification (Section 16191, Part 2.01, M) please allow Siemens to be an approved terminal block
Argyle Forest Specification (Section 16191, Part 2.01, T, 7) please allow Siemens 3VA to be an approved main circuit breaker
Argyle Forest Specification (Section 16191, Part 2.02, B, 4) please allow Siemens to be an approved thermal-magnetic air circuit breaker
Argyle Forest Specification (Section 16191, Part 2.02, B, 5) please allow Siemens to be an approved magnetic motor/starter
Argyle Forest Specification (Section 16191, Part 2.02, B, 8) please allow Siemens to be an approved mode selector switch
Argyle Forest Specification (Section 16191, Part 2.02, B, 9) please allow Siemens to be an approved indicator lamp equal to AB 800H
Argyle Forest Specification (Section 16191, Part 2.02, B, 11) please allow Siemens to be an approved failure alarm with horn

Argyle Forest Specification (Section 16370, Part 1.03, G) please allow Siemens G120 to be an approved variable frequency drive

Argyle Forest Specification (Section 16370, Part 2.02, K, 3) consider added similar verbiage that is in Bradley road “Each VFD manufacturer shall provide a Profibus Certificate of Compliance and a Profidrive Certificate of Compliance for each VFD.”

Argyle Forest Specification (Section 16370, Part 2.02, L, 1) consider added similar verbiage that is in Bradley road “utilization of kinetic buffering and flying restart”

Argyle Forest Specification (Section 16470, Part 1.04, A, B, C) please allow Siemens P1-P5 panelboards where applicable

Argyle Forest Specification (Section 16480, Part 1.07, A) please allow Siemens tiastar™ MCC

➤ **RESPONSE:** JEA takes no exception to the Siemens products listed above.

6. **INQUIRY:** On the fourth Minimum Qualification it appears to reference dewatering and then as a parenthetical “sheeting and shoring”. Is this a dewatering requirement or a sheeting and shoring requirement? **Please clarify.**

➤ **RESPONSE:** Requirement includes dewatering, sheeting and shoring to depths greater than 16’ below grade.

Acknowledge receipt of this addendum on the Bid Form