

Argyle/Rampart Road Supplemental Information

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:** 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 cannot do this with a diesel driven pump

In addition, 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.

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

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 similar verbiage "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 similar verbiage "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.
- 4. **INQUIRY:** At the Argyle Forest Blvd Pump Station site the material of the existing 20” FM pipe that has to be hot tapped is not indicated, please provide.
 - **RESPONSE:** The 20-inch FM is PVC. Test hole reports for Argyle and Rampart are attached to this Addendum 3 for reference. The Contractor shall field verify pipe material, size and elevations during construction.
- 5. **INQUIRY:** At the Rampart Rd Pump Station site the material of the existing 8” WM pipe is not indicated, please provide.
 - **RESPONSE:** The 8-inch WM is PVC. Test hole reports for Argyle and Rampart are attached to this Addendum 3 for reference. The Contractor shall field verify pipe material, size and elevations during construction.
- 6. **INQUIRY:** Are there drawings available for the Argyle Forest Pump Station Control Panel?
 - **RESPONSE:** There are no modifications being made to the existing Argyle Forest Pump Station control panel. The Contractor will be required to provide panel drawings for the Rampart Road Pump Station during construction for review and approval. Refer to JEA standard control panel drawings for in-line booster pump stations for general construction. The control panel shall meet the requirements in the Specifications and Drawings.