



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

September 12, 2019

ADDENDUM NUMBER: Three (3)

TITLE: Bradley Road Booster Pump Station.

JEA IFB NUMBER: 106-19

PROPOSAL DUE DATE: ~~September 17, 2019~~ September 24, 2019

TIME OF RECEIPT: 12:00 PM

TIME OF OPENING: 02:00 PM

THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:

1. JEA is extending the due date to September 24, 2019. No further questions will be responded to.
2. JEA is making clarification to Addendum No.2

Question:

What is the current volume in the pit to be cleaned out?

Revised Answer:

Station wet-well will be pumped down to elevation 20.5' NGVD, contractor to review record drawings for quantification of residuals volume below the stipulated elevation and station floor elevation, 18.52' NGVD. Removal of the residuals in the wet well below elevation 20.5' NGVD to the floor are all inclusive and subject to contractor means and methods with pumping to the emergency bypass as an available option for the contractor.

Question:

Will there be a unit price allowance for the pit clean out?

Answer:

No, the wet-well will be provided to the Contractor drawn down to the elevation of 20.5' NGVD

3. JEA is responding to the following questions:

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)

Question:

Specification Section 01014 Construction Sequence requires "Contractor shall coordinate and carry out the Work in a manner that maintains full functionality and operations of the existing pump station.....until the new pump station is complete and tested and accepted by the Engineer and Owner as ready to place into service..." The existing Odor Control system and the existing wet-well structure is it to removed in Phase IV, after the new Booster Pump Station is completed and tested. The new ductbank that will feed the new Booster Pump Station is to be installed in Phase I. Problem: the location of the new Concrete Encased Duct Bank shown on Sheet E-6 conflicts with the existing Odor Control System slab and equipment. We suggest re-routing the new duct bank so that it can be installed, without conflicting with the existing Oder Control equipment and slab or the new piping and vaults being installed between the new Pump Station and the existing Oder Control slab and equipment.

Answer:

The existing odor control equipment does not conflict with installation of the new east electrical service ductbank. The west electrical service ductbank will not be installed until the old pump station and odor control equipment are taken out of service and removed.

Question:

Specification Section 01014, Part 3.01 A 6 states that during the relocation of the existing diesel driven pumps and installation of new fuel systems, the Contractor shall provide temporary diesel driven pumps and fuel systems of equivalent capacity and performance to be installed and tested and accepted by the Engineer and Owner within 24 hours after disconnecting the existing equipment, and to remain in service until the relocated equipment is installed, tested and accepted by the Engineer and Owner for placing into service. This requirement seems to be in conflict with Specification Section 01014, Part 3.02 A 3 Phase III - Construct New Diesel Driven Booster Pump Station. If the temporary diesel driven pumps and fuel systems are required, please provide the capacity and performance requirements along with anticipated location and pipe routing.

Answer:

Temporary diesel driven pumps supplied during the relocation of the existing diesel pumps to their permanent location and re-configuration are for the purpose of maintaining diesel driven pump capability from the existing station splitter box, and should be equal in capacity, performance, and fuel capacity, to the existing Godwin CD 500M self-priming pumps being relocated, and connected to the existing wet-well emergency level floats. The Contractor's temporary pump system supplier should provide the proposed pump(s), layout, and connections in the temporary pump submittal for approval based on the Contractor's specific means and methods for the relocations. This may include reuse of the existing space and connection points. The smaller existing Godwin "pony pump" may also remain in use connected to the wet-well.

Question:

.Section 1.2.1 of the solicitation states that the bidder must be approved on JEA's Responsible bidder list CRBU WP2-Water and Sewer Plant Systems Installation, Construction, Maintenance and Repair. The section also states that the bidder or subcontractor must be on the EGI-Electrical Secondary Service Installations List. How long does this approval process take?

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)

Answer:

Assuming all of the required information is received, it can take up to several weeks to become approved.

Question:

Section 1.2.6 of the solicitation identifies a list of forms that need to be submitted at the time of bid and directs the bidder to obtain the forms at JEA.com. All forms are available at https://www.jea.com/about/procurement/bid_forms/ with the exception of the form titled "List of RBL 18H Line Verification". Please provide this form.

Answer:

This form is no longer required.

Question:

Section 1.3.3 of the Solicitation states that one original plus two duplicates of the Bid documents need to be submitted. An electronic copy is encouraged. Could we be permitted to submit the optional electronic copy one hour following the submission?

Answer:

All bid documents are due by 12 noon on the due date.

Question:

Section 1.3.15 of the solicitation directs bidders to download a copy of the Subcontractor form from the website. A subcontractor form was provided in Appendix B forms. Please confirm the correct subcontractor form to use was the form provided in the Appendix B forms document.

Answer:

The form in Appendix B is sufficient.

Question:

Section 1.3.16B of the solicitation states, "every aspect of its submitted Bid, including the Bid Price and the detailed Schedule". Please confirm a schedule is required at the time of bid submission as it is not listed in section 1.2.6, Required forms to submit.

Answer:

All bid documents are due by 12 noon on the due date

Question:

Please reference Appendix B forms. Section 255.05, Florida Statutes contract bond (page 1) indicated the Bond required 100% of Bid Award. The solicitation states in section 1.2.7, a 5% bond is required. Please confirm a 5% bid bond is required at the time of submission.

Answer:

A 5% bid bond is required with the bid submission. The 100% Bond will be required as a part of the contract.

Question:

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)

Please reference Appendix B forms. Page one references the wrong project, stating, "enter your bid for solicitation 119-19". Please reissue Appendix B.

Answer:

Please see 106-19 Addendum 2 Appendix B - Forms

Question:

Please reference Appendix B forms. Page one references submitting one electronic copy, 2 hard copies and one thumb drive. The thumb drive is not listed as a requirement in the solicitation. Please confirm what is required for submission.

Answer:

An electronic copy can be on a CD or a thumb drive.

Question:

Please reference Appendix B Workbook and the Solicitation, section 1.2.6 titled Required forms to submit with bid. The Appendix B workbook is not listed. Please clarify if the workbook needs to be submitted along with the bid proposal.

Answer:

Please include a copy of the workbook with the submission.

Question:

Drawings C-2 and M-2 clearly show ductile iron piping near the pump station slab. Spec sections 02616 and 15072 point us to JEA standard section 429 for the piping specification. Section 429 addresses the PVC portion of the force mains, but does not specify the ductile iron pipe requirements. What wall thickness should the ductile iron be?

Answer:

DIP shall be pressure class 250 minimum with P401 lining.

Question:

Upstream of the 36"x30" tees at the booster pumps suction, there are two 36" Plug Valves with only two 45 elbows between them. Are both valves necessary?

Answer:

The second 36" valve on the station influent pipe is to be deleted, the 36" valve at the 36" tee remains in the project

Question:

Please provide drawing PD-1 as referenced for the backflow preventer on the 2" WM line.

Answer:

Reference Plate W-15 of the JEA Water and Wastewater Standards Manual for the detail.

Question:

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)

Detail Fon CD-3 shows 1-1/2" backflow preventer and hose station. Drawing M-2 references detail Fon CD- 3, but lists the line size as 2". Should the backflow preventers and hose stations at the booster pumps be 2" or 1-1/2"?

Answer:

All BFPs and Hose Stations for this project shall be 2" size.

Question:

Do materials on this project need to comply with The American Iron and Steel Act (AIS), or any other "buy American" requirements?

Answer:

No

Question:

Do the ductile iron fittings on the PVC mains need to be wrapped in polyethylene?

Answer:

Polyethylene is not required.

Question:

Does the buried stainless steel piping need to be tape wrapped?

Answer:

Tape wrap is not required.

Question:

Do the meter vault sump pumps discharge to daylight?

Answer:

The meter vaults have been deleted by previous addendum and replaced with above ground piping and strap-on meters. The pressure sensor vaults on the booster pump station suction lines have a sump that discharges to the dry detention area as shown on Sheet C-3.

Question:

Section 1 shows a 24" expansion Joint on the existing side of the scope boundary line, but the note says to furnish and install the single arch rubber bellows. Is the expansion joint new or existing?

Answer:

Both expansion joints (arch bellows) at each pump are to be replaced with new.

Question:

Will the Owner allow a mutual waiver of consequential damages to be added to the Contract?

Answer:

No.

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)

Question:

Will the Owner clarify in Section 2.2.5 of the Contract that the Contractor can challenge the Engineer's final decision through permissible legal action?

Answer:

Section 2.2.35. addresses the role of the JEA Engineer. No additional clarification is being made on this section.

Question:

Will Owner add a provision to Section 2.7.6 of the Contract, "Environmental Indemnification", clarifying that the Owner is responsible for pre-existing hazardous material at the site?

Answer:

The indemnification requires the Company to indemnify JEA for Company's activities only.

Question:

Will Owner allow an addition to the Contract exhibits identifying "rely upon" information provided by Owner that Contractor necessarily relied on in formulating its bid?

Answer:

No.

Question:

Will Owner make a slight modification of Section 2.11.4 to allow Contractor to seek relief for concealed conditions not disclosed through diligent pre-bid investigation?

Answer:

No.

Question:

Will Owner clarify in Section 2.18.11 that Contractor can seek cost relief for Owner-caused delay to the critical path that Contractor cannot avoid through the exercise of due diligence?

Answer:

No.

Question:

Will Owner modify Sections 2.18.9 and 2.19.5 to clarify that the Contractor can challenge decisions of JEA and the JEA Procurement Appeal Board through court action?

Answer:

Per the JEA Procurement Code, Procurement Appeal Board decisions can be challenged in court.

Question:

Specification Section 01014, Part 3.01 A 6 states that during the relocation of the existing diesel driven pumps and installation of new fuel systems, the Contractor shall provide temporary diesel driven pumps and fuel systems of equivalent capacity and performance to be installed and tested and

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)

accepted by the Engineer and Owner within 24 hours after disconnecting the existing equipment, and to remain in service until the relocated equipment is installed, tested and accepted by the Engineer and Owner for placing into service. This requirement seems to be in conflict with Specification Section 01014, Part 3.02 A 3 Phase III - Construct New Diesel Driven Booster Pump Station. If the temporary diesel driven pumps and fuel systems are required, please provide the capacity and performance requirements along with anticipated location and pipe routing

Answer:

Temporary diesel driven pumps supplied during the relocation of the existing diesel pumps to their permanent location and re-configuration are for the purpose of maintaining diesel driven pump capability from the existing station splitter box, and should be equal in capacity, performance, and fuel capacity, to the existing Godwin CD 500M self-priming pumps being relocated, and connected to the existing wet-well emergency level floats. The Contractor's temporary pump system supplier should provide the proposed pump(s), layout, and connections in the temporary pump submittal for approval based on the Contractor's specific means and methods for the relocations. This may include reuse of the existing space and connection points. The smaller existing Godwin "pony pump" may also remain in use connected to the wet-well.

Question:

Section 15600 specifies the fuel storage system for the diesel driven pumps and the generator. Section 16200 paragraph 1.06 also specifies a fuel system tank for the generator. Which specification do we use?

Answer:

The fuel storage tank specification within the generator section is the latest JEA Facilities Standards Specification posted online at JEA.com. The fuel systems requirements specified in 16200 shall take precedence for both the Generator fuel tank and the new fuel tanks for the relocated Diesel Pumps.

Question:

The model numbers for the A/C unit are not correct. The schedule says 208/1 but the model number is for a 208/3? Which is the proper unit?

Answer:

Correct model: 4TTR60601 on Air cooled condensing unit schedule on HD-1, 208/1phase as scheduled.

Question:

Levine Lectronics represents Danfoss drives in FL, GA, and AL. I have been working with Ariss and others in reference to getting Danfoss/Vacon drives approved for JEA. Danfoss has sent a senior application engineer to work with Ariss validating the communication between the Drives and S7300 PLCs. I would like to bid on the Bradley Road booster pumps VFDs. Can you please let me know as soon as possible so I can move forward with the takeoff to give to the contractors.

Answer:

Vacon has been approved by JEA as an equivalent of Eaton Cutler-Hammer. Please note that all of the requirements as set out in Section 16400, Part 2.03 of the Technical Specifications remain applicable and are required to be met.

Acknowledge receipt of this Addendum on the Proposal Form (Appendix B)