



St. Johns River

Water Management District

Ann B. Shortelle, Ph.D., Executive Director

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On the internet at www.sjrwmd.com.

DATE: July 27, 2021
TO: Prospective Respondents
FROM: Amy Lucey, Sr. Procurement Specialist
SUBJECT: Addendum #4 to Invitation for Bids # 36965, S-96 Rehabilitation

As a result of inquiries, the following clarifications/changes are provided for your information. Please make all appropriate changes to your bid documents. Note: changes are reflected with original language shown with strike-through and new language is underlined.

- Q1. Reference drawing S26 Cable Drum Hoist Notes 1,2, and 3 refer to specifications; specifically sections 14611 and 09900. These specification sections were not part of the bid documents. Please provide these and any other pertinent specifications sections for this project.
- A1: **Specifications attached. In the event there is conflict between the drawings and specifications, the information shown on the drawings shall govern.**
- Q2. Reference drawing S1 note Rip Rap System:
- a. Note #4 “RUBBLE RIPRAP SHALL COMPLY WITH THE REQUIREMENTS OF FDOT SECTION 530-2.1.3.1 BANK AND SHORE PROTECTION OR 530-2.1.3.2 DITCH LINING, AS DIRECTED BY THE DISTRICT.” Confirm areas indicated in drawings are called out as bank and shore which would be paid under Cost schedule item 30. Riprap – FDOT Bank and Shore 500 TN, and Ditch Lining would be an alternate, and if so, item under cost schedule 31. Riprap – FDOT Ditch Lining (100 TN) would be an allowance in the event the district requests the use of ditch lining in place of Bank and Shore.
- A2.a. **Bank and shore will be used where specifically called out on the drawings: Bid item No 30. RIPAP – FDOT BANK AND SHORE confirmed. Ditch lining is not intended to be a substitute for Bank and Shore. Ditch Lining will be added along the slopes of the embankment or toe of wingwalls as needed or directed by District staff. Ditch lining to be billed under Bid item No. 31 RIPAP – FDOT DITCH LINING.**
- b. Note #5 and 6. Note 6 references the work shall follow Earthwork specifications. Confirm work in both notes 5 & 6 are to meet FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, (FDOT) LATEST EDITION section 120.
Confirmed. Also, the following will be added to note 5: “REQUIRED COMPACTION SHALL BE 90% OF MODIFIED PROCTOR.”
- Q3: Reference S1 Paints and Protective Coatings Note 3. “WHERE LEAD PAINT IS FOUND TO BE PRESENT, APPROPRIATE REMOVAL MEASURES SHALL BE UNDERTAKEN IN ACCORDANCE WITH ALL STATE AND FEDERAL REGULATORY REQUIREMENTS.” For purposes of bid, Contractor is not including cost of remediation or disposal of lead paint.

Confirm that in the event lead paint is found, the District will compensate Contractor for additional cost for remediation and disposal

A3: **Confirmed.**

Q4: Reference IFB Section 9. Bid Guaranty, states "All bonds must be countersigned by a Florida resident agent on the surety, with proof of agency attached." There is no signature section in the form, please correct.

A4: **As stated in the pre-bid meeting on 7/20/21, the Bid Bond form and Performance and Payment Bond form are samples for reference only. Please contact your surety company.**

Q5: Reference Cost Schedule Item # 6. Concrete – Hydrodemolition of Eroded Surfaces and item # 12 Concrete Eroded Surface Repair, both items are in Square Feet unit of measure. Since the depth of concrete repair can vary from location to location, can the district change the unit of measure for these two pay items to Cubic Feet, or provide a specified depth to ensure all bidders are providing bid on same quantities.

A5: **No change to unit of measure. For guidance on hydrodemolition and depth of repairs, refer to Concrete Repair Note 3. on drawing S1 and the 2014 Ardaman & Associates Engineering Evaluation (page 4).**

Q6: Drawing S26 refers to Specification 14611 – Vertical Lift Gate Operating System for product requirement referring to the cable drum hoist. This specification is not included in the Bid Documents please provide.

A6: **Specifications are attached to this addendum.**

Q7: What is the power requirements for the new Vertical Gate Hoist and is it available on site?

A7: **Refer to Note 7, Sheet S26. The existing power indicated is adequate for the new hoist.**

Q8: Please confirm that the 12" of stone bedding under the 18" Rip-Rap at the existing Sheet Pile Retaining Wall is all that is required in these areas, as the center area of the channel calls for 2'6" of Rip-Rap with 12" Bedding Stone. Please provide information showing where the Rip-Rap transition from 18" to 2'6" thickness.

A8: **Confirmed. If the existing bedding stone and riprap along the sheet pile wing walls are no longer present, new bedding stone and riprap will need to be added in its place. The transition from the 30" bedding/riprap along the wingwalls to the 42" at the center should be a smooth/gradual transition and will be directed in the field. Note, if more riprap is needed beyond the quantities shown in the cost schedule, then additional riprap shall be supplied and installed at the unit price specified on the bid. Additional riprap, if any, can be billed under Item No. 51 SUPPLEMENTAL WORK ALLOWANCE.**

Q9: Drawing S-1 under Painting & Coatings Note 4 calls for Structural Steel & Sheet Pilings and Galvanized Metals to have 3 coats protective coatings of Sherwin Williams products. Drawing S-27 Paintings and Coatings calls for all steel to be provided 4 coats of paint by the Wasser Corporation or equal. Which is correct and can you provide a description of where each not is to be supplied

- A9: **The coating specified in note 4, Sheet S1 is applicable to the sheet pile wingwalls and steel H-piles. The coating specified in Note 5, Sheet S1 is applicable to galvanized steel embedded in the concrete structure (shown on sheets S3 - S6). The coating specified on Sheet S27 is specific to the gate and should be applied to the items specified in Note 17 of the same sheet. Also, the following note will be added to Sheet S1 under Paints and Protective Coatings: 6. WHERE SEEPAGE IS PRESENT AT THE SHEET PILING JOINTS, THE PROTECTIVE COATING AT THE JOINTS SHALL BE SOMAY HICOTE 151 AS MANUFACTURED BY SOMAY PRODUCTS, INC. SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATIONS. APPLY ONE COAT AT 10 MILS DFT.**
- Q10: Please Clarify how to total the cost of Bid Item 46 Gate Rehabilitation. The Bid Form includes several items with the Notation of "If Required" are these items to be included in the Bid Total or is just a price required to be paid out of Bid item 51 Supplemental Work Allowance and not made included in the contract total.
- A10: **Do not include these items in the total for "Gate Rehabilitation" but include these items in the "Total Cost" of the project. Additional units beyond the number of units shown will be paid out of Bid Item No. 51 SUPPLEMENTAL WORK ALLOWANCE.**
- Q11: Is there a WBE or MBE goal established for this project and is a Good Faith Effort required to be submitted for this project? If so what is the requirements for a Good Faith Effort to be provided?
- A11: **No there is not a WBE or MBE goal for this project. WBE and MBE subcontractors are encouraged but not required.**
- Q12: The most crucial part of this project is are the upstream and downstream cofferdams. Plan sheet C2 note 1 under cofferdams states that the design shall be signed and sealed by a Florida licensed Professional Engineer. Is the cofferdam design to be submitted with the bid?
- A12: **No. The cofferdam dam design is a submittal requirement after the contract is executed. Also, the following phase will be added to the end of Cofferdam Note 1 on Sheet C2: "...AND SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF USACE ENGINEERING MANUAL 1110-2-2504 DESIGN OF SHEET PILE WALLS."**
- Q13: According to cross sections C5-1 & C5-2 the upstream and downstream cofferdams will have a maximum unsupported height of 17.64' & 18.94' respectively. That being said how does the district intend to evaluate the suitability of the low bidders cofferdam design prior to award?
- A13: **Contractors need to exercise due diligence when determining a cost estimate for a sheet pile cofferdam that can withstand inherent hydrostatic pressures and loads. Note also that water levels may fluctuate higher than the "Normal Pool Elevation" shown on the plans. In addition, refer to paragraph 13 on page 8 of the bid package.**
- Q14: Will the district be able to lower the water elevation on either side to reduce the head pressure on the cofferdam?
- A14: **Refer to No. 4 under "District Responsibilities" on page 50 of the bid package regarding management of water levels on the upstream side of S-96. The District does not intend on lowering water levels on the downstream side. Water level in C-54 is lowered by opening Structure S-157, which is about 10 miles downstream of S-96. Aside from routine testing, S-157 is only opened when S-96 is opened. C-54 baseflow overtops S-157 while the gates remain closed. Refer to the hydrologic data search tool on sjrwmd.com for current and historical water levels.**

- Q15:** According to previous work on similar structures and the drastic rise in the cost of good such as steel it appears that the budget of \$2,932,000 is tight. If the bids come in over budget does the district have the funds available to complete the project or will it be rebid at a later date?
- A15:** **The District could potentially find additional funds, reduce the scope of work or rebid at a later date. See also paragraph 7. on page 6 of the bid documents.**
- Q16:** What is the anticipated construct start date?
- A16:** **Mobilization is anticipated for early November 2021. Note that District staff will request approval to award the contract at our October 12, 2021 Governing Board meeting, in lieu of the September 14 meeting, which was stated during the pre-bid conference held on July 20, 2021.**
- Q17:** Will the district accept NACE standard WJ-2 Water Jetting surface prep in lieu of grit blasting?
- A17:** **No.**
- Q18:** In speaking with hoist subcontractors they have voiced concern that the specifications for the cable drum hoist have not yet been made available and there is not sufficient time to prepare a proposal. We request the District supply the specifications for the cable drum hoist and provide a time extension on the bid date.
- A18:** **Specifications attached. The bid opening date is re-scheduled for August 26, 2021 at 2:00 PM.**
- Q19:** There is incomplete information between the specifications and the hoist. Will there be additional information provided?
- A19:** **Specifications attached.**
- Q20:** Will there be necessity for Florida engineered signed and sealed drawings? Can you be specific for parts or portions?
- A20:** **Submittals for the hoist do not need to be signed and sealed. The cofferdam design requires the signature and seal of a Professional Engineer licensed in the State of Florida. Specifications for the hoist are attached.**
- Q21:** Due to present conditions of todays market. Metal vendors and suppliers are low in supply and costs are being effected. Metal prices are rising weekly. Are there any stipulations or guidelines that need to be provided to protect all parties and secure fair agreements?
- A21:** **No.**
- Q22:** Based on present day conditions are there any timeline concerns that need to be stated?
- A22:** **Refer to the Timeframes & Deliverables on page 57 of the bid package. The contractor shall begin work/ submittals within 15 days of the effective date of the contract. The gate shall be fully operational by June 1, 2022. The project shall be complete and demobilized by July 30, 2022. These timeframes were set with hurricane season in mind. The District anticipates mobilization to begin early November 2021 to meet project deadlines. Note that District staff will request approval to award the contract at our October 12, 2021 Governing Board meeting, in lieu of the September 14 meeting, which was stated during the pre-bid conference held on July 20, 2021.**
- Q23:** After looking through information provided. Material purchase compliancy is not provided. Will materials be FARS, DFARS, Buy American.
- A23:** **This is not required.**

Note:

1. **Electrical issues were recently discovered at S-96 after the bid documents were published. Based on a preliminary inspection, replacement of the main panel, installation of two new winch control panels and additional breakers inside the control house are required along with installation of two new NEMA 4 push button controls and 120V GFCI outlets near the operating platform. The cost for these items will be billed under bid item No. 51 SUPPLEMENTAL WORK ALLOWANCE. The remaining balance can still be used as described under bid item No. 51.**

Modifications:

1. **On Sheet S13, revise S13/1 to show 13 buoys equally spaced apart and delete “12 EQUAL SPACES @ 14’-0”” and replace with “14 EQUAL SPACES @ 12’-0””.**
2. **Add the attached list of submittals to Sheet C3.**

Attachments:

Specification Section 14611 Vertical Lift Gate Operating Systems – separate cover
Specification Section 09900 Protective Coatings – separate cover
S-96 Rehab C3 Notes Final

NOTE: The Bid Opening ~~remains~~ **has been changed to** 2:00 p.m., **Thursday, August-5-26, 2021**

Please acknowledge receipt of this Addendum on the **BID** FORM provided in the bid package.

If you have any questions, please e-mail me at alucey@sjrwm.com.