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Solicitation Addendum

Addendum No.: 5
Solicitation No.: 22-TA004058DJ
Solicitation Title: Phase II Repairs to Lake Manatee Dam
Project No.: 6108870
Addendum Date: May 23, 2022
Procurement Contact: Dave Janney
Senior Procurement Agent

IFBC 22-TA004058DJ is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC 22-TA004058DJ.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was April 22, 2022.

CHANGE TO:

ADVERTISEMENT PAGE

DATE, TIME AND PLACE DUE

The Due Date and Time for submission of Bids in response to this Invitation for Bid Construction (IFBC) is ~~May 26, 2022~~ **June 2, 2022, at 3:00 PM ET**. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Ave. W., Suite 803, Bradenton, FL 34205 prior to the Due Date and Time.

CHANGE TO:

SECTION A, INFORMATION FOR BIDDERS, A.01 – BID DUE DATE

The Due Date and Time for submission of Bids in response to this Invitation for Bid Construction (IFBC) is ~~May 26, 2022~~ **June 2, 2022, at 3:00 PM ET**. Bids must be delivered to the following location: Manatee County Administration Building, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 and time stamped by a Procurement representative prior to the Due Date and Time.

CHANGE TO:

SECTION A, INFORMATION FOR BIDDERS, A.51 – SOLICITATION SCHEDULE

Scheduled Item	Scheduled Date
Non-Mandatory Information Conference and Mandatory site visit per Article A.02	April 5, 2022, 9:00 AM ET
Question and Clarification Deadline	April 22, 2022
Final Addendum Posted	April 29, 2022
Bid Response Due Date and Time	May 26, 2022 <u>June 2, 2022</u> , 3:00 PM ET
Projected Award	July, 2022

QUESTIONS AND RESPONSES:

Q1. Specification Section 31 43 13.13 – Jet Grouting Cutoff Wall and 31 43 13.14 – DSM Cutoff Wall both indicate that cement shall conform to ASTM designation C-150 “Standard Specifications for Portland Cement”. In the procurement of the material, suppliers have indicated that they have stopped producing ASTM C150 Type I/II Portland Cement and have transitioned to ASTM C595 Type IL Portland Limestone Cement. The suppliers have indicated that this is an industry wide transition and Type I/II will likely be unavailable in 2023. Please confirm Type IL Portland Limestone Cement, conforming to ASTM C595, is acceptable for use in the DSM and Jet Grout Cutoff Wall?

R1. ASTM C595 Type IL Portland Limestone Cement can be substituted for ASTM C150 Type I/II in the construction of the Deep Soil-Mix and Jet Grout Seepage Cutoff Walls. The resulting seepage cutoff wall must still meet all applicable performance requirements in the project documents.

Q2. Question Q3 from Addendum #4 asks which pay items the 4’ diameter jet grout columns located north and south of the bridge to tie-into the existing embankment cutoff wall will be covered. The response indicates that the single 8’ diameter jet grout columns will be included in pay item 508 and 608. However, there are two pairs of 4’ diameter jet grout columns north and south of the bridge at the location of the future sheet pile connection to the upstream portion of work. Are these jet grout columns included in the downstream portion of work? If so, what pay item should these 4’ diameter jet grout columns be included in..

R2. The 4-ft diameter columns on the upstream side of the dam are not a part of the present scope of work.

Q3. Drawing D-101 indicates at the locations of existing electrical lines to identify and remove existing utility lines to be replaced in kind (Typical). Please confirm that this applies to all electrical lines running to the Gate Control Shed which are conflicting with the proposed sheet pile wall. Please provide details on the specifics of the utility lines to allow the contractor to price replacement.

R3. All electrical lines crossing the area to be graded for construction will need to be removed and those still in service will need to be replaced in-kind. The estimated total length of all of these lines is provided in the project documents to assist for bidding purposes. Because the exact nature and type of some of these lines is unknown, during construction and if necessary the County will address and provide the appropriate changes to the agreement. Some are power lines for lights and operating the gates. Some are abandoned instrumentation lines and others are active instrumentation lines.

Q4. Specification Section 31 32 34 Void Filling – Downstream Apron Demonstration and Production Areas - Item 1.1.B indicates that Work will proceed with a demonstration area, followed by an evaluation and recommendation by the Engineer on proceeding with production void filling for the remainder of the downstream apron and the stilling basin slabs. This specification may be revised for production void filling by the Engineer after evaluation of the demonstration area. Additionally, Item 1.1.D.iii indicates that the Engineer (Wood) shall be responsible for observing the void filling operations, issuing an assessment and recommendation for proceeding with the production void filling, updating the specifications for production void filling as necessary, and providing locations for the pressure relief wells to the Contractor. What duration should the contractor assume for the evaluation, recommendation, and specification updates be as stated in the specification section?

R4. The evaluation of the void filling operation will occur in real time during the first part of the production with the Engineer and Contractor working together as adjustments are made to meet the performance criteria. The evaluation period will end when the Contractor has achieved an appropriate configuration and demonstrates the ability to pump in sand without damaging the concrete apron or stilling basin floor slab. As such, we do not envision any additional duration outside of the Contractor's normal production rate.

Q5. Specification Section 31 43 13.14 – Deep Soil Mixing Seepage Cutoff Wall indicates the number of elements required as part of the demonstration section. Specification Section 31 43 13.13 – Jet Grouting Cutoff Wall does not provide the required number of elements required as part of the demonstration section. Please provide the required number of elements for the Jet Grout demonstration section.

R5. The demonstration section for the Jet Grouting Cutoff Wall shall consist of at least two 8-ft diameter columns and at least three 4-ft diameter columns. The Contractor may choose the demonstration section columns to be production columns.

Q6. Specification Section 31 43 13.13 – Jet Grouting Cutoff Wall requires the contractor to perform a demonstration section prior to production work. What duration should the contractor assume for the owner’s review of the Jet Grouting demonstration section?

R6. In accordance with the project documents, the demonstration section for the jet grout wall must it meet performance requirements including installation verticality and effectiveness of the overlap. It also requires the mix to meet certain strength and permeability criteria. The Contractor will be responsible for conducting the coring and providing QC to demonstrate that it meets the criteria required by the project documents. The total duration of review time will therefore depend on when the Contractor cores and is able to demonstrate that all criteria have been met. Once the Contractor has delivered all required documentation, the Engineer will require a minimum of 48 hours to review.

The contract documents provide for the Contractor to proceed at risk immediately following the installation of the demonstration section.

Q7. Specification Section 31 43 13.14 – Deep Soil Mixing Seepage Cutoff Wall requires the contractor to perform a demonstration section prior to production work. What duration should the contractor assume for the owner’s review of the Deep Soil Mixing Seepage Cutoff Wall demonstration section?

R7. In accordance with the project documents, the demonstration section for the deep soil mixing seepage cutoff wall must it meet performance requirements. This includes the measure of installation verticality and effectiveness of the overlap. It also requires the mix to meet certain strength and permeability criteria. The Contractor will be responsible for conducting the coring and providing QC to demonstrate that it meets the criteria required by the project documents. The total duration of review time will therefore depend on when the Contractor cores and is able to demonstrate that all criteria have been met. Once the Contractor has delivered all required documentation, the Engineer will require a minimum of 48 hours to review.

The contract documents provide for the Contractor to proceed at risk immediately following the installation of the demonstration section.

NOTE:

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

END OF ADDENDUM

AUTHORIZED FOR RELEASE