



City of New London

Department of Finance-Purchasing Agent

13 Masonic Street • New London, CT 06320 • Phone (860) 447-5215 • Fax (860) 447-5297

Invitation for Bids

ADDENDUM

Bid No.: 2019-03

Addendum No.: 3

Date Issued: 8/23/2018

Bogue Brook Reservoir Dam Rehabilitation

Opening Date and Time: September 5, 2018 @ 2:00 P.M.

Bidders Notes: This Addendum is issued to provide all bidders with notice of answers to questions submitted by interested parties. **PLEASE NOTE THAT ONLY CONTRACTORS THAT ATTENDED THE MANDATORY SITE VISIT ON AUGUST 6, 2018 ARE ELIGIBLE TO BID ON THIS PROJECT.**

All other terms and conditions remain the same.

This Addendum cover page must be signed and returned with your bid.

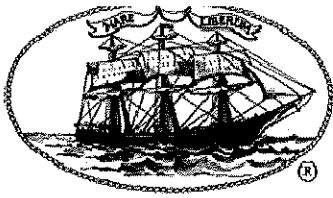
Authorized Signature of Bidder

Company Name

Return Bid To:

Dedra Aker, Purchasing Agent
City of New London
13 Masonic Street
New London, CT 06320

Bids cannot be accepted after the Bid Opening Date and Time indicated above.



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ADDENDUM 3

Bid No. 2014-03 Bogue Brook Reservoir Dam Rehabilitation

Questions from Potential Bidders with Answers:

Question 1: The average compressive strength for 100 PCF material would be around 1,000 PSI at 28 days. In order to achieve 1,250 psi, the average would need to be 103 PCF with some the allowable tolerances given by American Concrete Institute (ACI). Is that okay?

Answer: Specification Section 03300, Article 2.02.A indicates wet cast unit weight tolerances.

Question 2: Does the low density cellular concrete (LDCC) need to be heavy and high compressive strength? I would like to better understand the need for such a high compressive strength. LDCC would be much better served at a lower density if at all possible. Can we lighten up the overburden on the dam itself by lightening the load?

Answer: Please refer to Specification Section 03300, Article 2.02 for tolerances and other requirements for lightweight foamed concrete fill.

Question 3: Can a steel truss system be used for the catwalk? If so, can the handrails be omitted, since the top chord of the truss on each side will serve this purpose?

Answer: Per Specification Section 05500, Article 1.01.E, submitted and accepted systems shall match the general appearance and style of all footbridge, platform and railings shown on the contract drawings. A truss system may be an acceptable alternative if the system meets the specifications, including requirements for a top chord/handrail at 42 inches high and meeting OSHA safety requirements for hand rails.

The Owner and GZA reserve the right to assess the design of the catwalk, anchorages, platforms and handrails in the Contractors Complete Shop Drawings Submittal. For additional information regarding the contractor Designed Steel Catwalk, Platform and Railing, refer to Technical Specification Section 05500.

Question 4: For the catwalk, is the decking to be steel grate as specified for the operator platform?

Answer: Steel grating for the Contractor-designed bridge may be acceptable provided it meets the requirements of the Project Drawings, Specification Section 05500, OSHA and building code requirements.

Question 5: Does the catwalk need to support a vehicle load? If so please provide the weight.

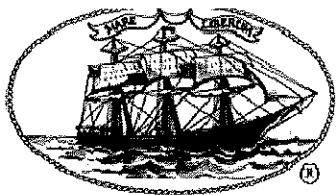
Answer: Refer to Specification Section 05500, Article 1.04.A.2 for loading requirements.

Question 6: Is the goal for water drawdown to maintain elevation 191 or can the reservoir be lowered below the 191 in cases of specific work or potential storms etc?

Answer: Please refer to Water Control Notes on Sheet G2.

Question 7: The City will lower the water elevation to 191 prior to work beginning, or contractor responsibility?

Answer: Please refer to Specification Section 01565, Articles 1.01.B, 1.01.D and 1.08.



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ADDENDUM 3 (cont)

Bid No. 2014-03 Bogue Brook Reservoir Dam Rehabilitation

Questions from Potential Bidders with Answers:

Question 8: Are all permits approved and received?

Answer: Please refer to Specification Section 01060 for information on permits applied for by the Owner and permits required by the contractor. The USACE Section 404 Programmatic General Permit (NAE-2017-01774) was received and included in the Contract Documents. The 401 Water Quality Certification (License #201705537) has been issued and included with Addendum 2.

The City is waiting to receive the CTDEEP Dam Safety Construction Permit.

Question 9: For the gravel roads shown to access both sides of the dam, are these for contractors convenience or a required item?

Answer: Existing access roads to the right and left abutment are shown on Sheets C1 and C2 of the Contract Drawings. The existing access road to the left abutment may be improved with trap rock as needed for construction access.

Question 10: Can access and possible staging area be available to the left abutment at southern most limit of work?

Answer: Please refer to General Notes and Conditions Notes 8 on Sheet G2.

Question 11: On Sheets C-3 through C-5 there are notes stating sheet pile cutoff wall driven to refusal. Proposed elevation view on sheet C-7 shows anticipated tip elevation of sheet pile wall. Should sheets be driven to refusal if deeper than the anticipated tip elevation shown on sheet C-7? Who makes the determination on "refusal" depth or when to stop hammering while installing sheets?

Answer: Please refer to Specifications Section 02458, Article 3.02.A.

Question 12: Entire face of existing dam shall be chipped away to a depth of 3" or just in areas or deterioration? Same for downstream side within buttresses?

Answer: Refer to the Specifications Section 02065, Section 2 on Sheet C4 and the Structural Concrete Repair Detail on Sheet C4. A minimum 3-inch depth of concrete removal is specified for the existing upstream concrete slab/face.

Question 13: Are there defined elevations, and widths, for the top of sheet pile wall and the concrete apron sections up stream of the dam?

Answer: Please refer to Sheets C3, C5 and C8. Elevations and vertical transitions may need to be adjusted based on actual field conditions.

Question 14: Can we get copies of the field reports for the soil boring by GZA, showing blow counts, etc?

Answer: Refer to Specification Section 01566 and Addendum 2.

END ADDENDUM 3