



DATE: October 2, 2018

TO: Holders of Construction Contract Bidding Documents

FROM: Schnabel Engineering, LLC  
11-A Oak Branch Drive  
Greensboro, NC 27407  
(336) 274-9456

RE: Hearthstone Lake Dam Rehabilitation Project, Addendum No. 1

This Addendum forms a part of the Contract Documents and modifies the original Procurement Documents dated September 15, 2018, as noted below. Acknowledge receipt of this document in the space provided in the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of clarifications and changes plus three (3) attachments, including an Electronic Release Form (Attachment 1). Each Bidder must sign and submit the Electronic Release Form as part of the Bid package. Failure to sign and submit the Electronic Release Form will result in an incomplete Bid package.

**Clarifications Based on Questions Received Prior to Pre-Bid Meeting:**

**NONE**

**CLARIFICATIONS BASED ON QUESTIONS FROM PRE-BID MEETING:**

1. Copies of the meeting minutes and sign-in sheet from the Pre-Bid meeting are included as Attachment 2 to this addendum.
2. **Question:** Clarify toe drain trench excavation and PSW conduit support requirements.

**Response:** The Contractor is solely responsible for the temporary toe drain trench excavation and PSW conduit support. The Contractor is required to design, install, and maintain a temporary excavation support and protection system to safely perform the toe drain trench excavation and construct the toe drain system and to prevent damage to the PSW conduit. Dewatering of the excavation to maintain it in a dry condition is also required. However, the Contractor's means and methods will not be dictated. If, for example, the Contractor elects to flatten the excavation slopes in order to avoid the need for temporary toe drain trench excavation support, then excavation and earthfill placement beyond the toe drain trench excavation pay limits will be for the Contractor's convenience at no additional cost to the Owner. The unit price for Bid Item 12, Unclassified Excavation for Toe Drain Trench, should reflect the cost to implement the chosen

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means and methods for temporary toe drain trench excavation support. See CS21 and the Drawings for additional information.

3. **Question:** What is the maximum size of the rockfill toe (Section 5) boulders?

**Response:** The As-Built Drawings indicate that the Section 5 rockfill material is as large as 24 inches. However, the maximum particle size encountered during the 2017 subsurface exploration was about 48 inches. See the Schnabel 2017 Geotechnical Data Report for additional information.

4. **Question:** What are the USFS road signage requirements?

**Response:** The Contractor shall coordinate with the Owner and the USFS regarding road closure signage and shall prepare and submit a Maintenance of Traffic Plan that includes temporary signs. See CS9 for additional information.

5. **Question:** What are the load restrictions for bridges leading to the site?

**Response:** We have contacted VDOT for this information and will provide their response in a future bid addendum.

6. **Question:** Will tailwater from storm events impact the excavation?

**Response:** The Contractor is responsible for protection of the Work and excavation in the dry and for obtaining site specific hydrologic data to fully understand the hydrologic conditions at the site and aid in development and implementation of the various plans required in CS11 and CS21.

7. **Question:** What is the required protection for the temporary upstream cofferdam?

**Response:** The control of water and stream diversion information shown on Drawing C-20 is only a concept for obtaining dam safety and erosion and sediment control approvals and permits. The Contractor is solely responsible for control of water and stream diversion during construction and shall design and construct a control of water and stream diversion system, to be approved by the Engineer, based on their tolerance for risk. See CS11 for additional requirements.

8. **Question:** Is excavation into the embankment allowed for construction of temporary access roads?

**Response:** No.

9. **Question:** Can the temporary construction access road layouts shown on the Drawings be modified?

**Response:** The temporary construction access roads shown on the Drawings may only be modified upon approval by the Owner and Engineer. The Contractor must submit a plan showing the proposed road layouts to the Engineer for review and approval prior to road construction.

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10. **Question:** How are trees within the clearing and grubbing limits to be disposed of?

**Response:** No on-site disposal will be permitted. The Contractor shall submit a Clearing and Grubbing Plan detailing their proposed methods of clearing and disposal to the Engineer for approval prior to the start of clearing operations. See CS2 for additional requirements.

11. **Question:** Can CAD files be made available to Bidders?

**Response:** A ZIP file containing CAD files, including the project sheet set, existing surfaces, an excavation surface, several proposed surfaces, several alignments, and 2-dimensional existing and proposed features, has been made available for download from the SharePoint link given below. See the Electronic Release Form for limitations (Attachment 1).

[https://schnabel-my.sharepoint.com/:f/g/personal/cschaal\\_schnabel-eng\\_com/EtH52e9-XNpBm8uR-2SuNV0BxyfHlupoD97vXawmyfALw?e=Q0TDfL](https://schnabel-my.sharepoint.com/:f/g/personal/cschaal_schnabel-eng_com/EtH52e9-XNpBm8uR-2SuNV0BxyfHlupoD97vXawmyfALw?e=Q0TDfL)

**CLARIFICATIONS BASED ON QUESTIONS RECEIVED AFTER PRE-BID MEETING:**

1. **Question:** Can technical specifications that are not encrypted be made available to Bidders?

**Response:** An unencrypted, unsealed version of the technical specifications has been provided as an attachment to this Addendum (Attachment 3). See the Electronic Release Form for limitations (Attachment 1).

**CHANGES TO PROCUREMENT REQUIREMENTS:**

1. Misty Cook with Augusta County has replaced Corey Richie as the Bid Officer and may be reached at [mcook@co.augusta.va.us](mailto:mcook@co.augusta.va.us) or 540-245-5741, ext. 5.

**CHANGES TO DRAWINGS:**

**NONE**

**CHANGES TO TECHNICAL SPECIFICATIONS:**

**NONE**

**ATTACHMENTS:**

1. Electronic Release Form
2. Pre-Bid Meeting Minutes and Sign-In Sheet
3. Unencrypted Technical Specifications

**END OF ADDENDUM**

CDS:JMP

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