

PROJECT: Riser Maintenance Repairs Deep Creek
Watersheds Dams
DATE: April 5, 2023

Yadkin County Soil and Water
Conservation District
Yadkin County, North Carolina

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ADDENDA

ADDENDUM NUMBER 1

DATE: April 5, 2023

PROJECT: Riser Maintenance Repairs Deep Creek Watersheds Dams

OWNER: Yadkin County Soil and Water Conservation District

ENGINEER: Schnabel Engineering South, P.C.

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated March 17, 2023, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid form. Failure to do so may disqualify the Bidder.

This Addendum consists of 5 pages.

The following questions were asked by Prospective Bidders during and following the Pre-Bid meeting on March 24, 2023. Each question is followed by a response by the Engineer.

1. Would the owner consider moving the bid date a minimum of a week? Considering the 10th is a Monday following Easter Sunday, vendor participation may be poor. Also, the complex dewatering and control of water will need to be designed. Please consider this request for more time in order to study the details and provide the best possible price to the owner.

Response: Yes, the bid date is now moved to April 17, 2023. The bid advertisement has been revised as follows, "Yadkin County is currently seeking qualified contractors to perform construction repair work on the 10 Deep Creek Watershed Dams. A portion of this work will include replacing the low-level drain gates and all associated metal components. **Bids are due before 1:00 pm on April 17th, 2023, and will be publicly opened at 1:30 pm on April 17th, 2023**, at the Yadkin County Agricultural Building, 2051 Agricultural Way, Yadkinville, NC. For more information, go to www.yadkincountync.gov or contact Maridee Graves with Schnabel Engineering at 336-274-9456".

2. This list on the design Report shows a chart for which fabricated metal item will be refurbished and which shall be fabricated new. The plan notes seem to have some conflict with this chart.

- a. Design chart states that – Manhole cover for DAM NO. 19A is replaced while the drawings says it will be refurbished.

Response: The manhole cover at DAM NO. 19A shall be refurbished.

- b. Design chart states that – Manhole cover for DAM NO. 22A is refurbished while the drawings says it will be replaced.

Response: The manhole cover at DAM NO. 22A shall be refurbished.

- c. Design chart states that – Ladder for DAM NO. 22A is refurbished while the drawings says it will be replaced.

Response: The ladder at DAM NO. 22A shall be refurbished.

- d. Design chart states that – Ladder for DAM NO. 30A will be refurbished and the drawings say replaced.

Response: The ladder at DAM NO. 30A shall be refurbished.

3. Is the design for the Slide gates Proprietary?

Response: No.

4. Will the contractor be allowed to discharge all pumped water into the nearest creek and or ditch that the existing concrete structures drain to?

Response: Contractor can discharge all pump water into the nearest creek as long as there is no sediment released into the receiving creek and proper erosion and sediment control measures are in place to prevent erosion.

5. Is the contractor expected to fully drain each pond?

Response: The design was prepared assuming that the reservoirs will be drained to perform the work. However, the Contractor is welcome to provide an alternative plan and cost for the work, for approval.

6. Has the owner obtained all permits? Is the contractor expected to provide any permits?

Response: The owner is obtaining the NCDEQ Dam Safety Permit and Environmental Permit. The Contractor is responsible for any required erosion and sediment control permit. NCDEQ states that an “E&SC plan must be filed when any land-disturbing activity will disturb more than one acre”.

7. Does the owner require critically silent dewatering pumps?

Response: No.

8. Are there any time and or calendar restrictions on when the work can be performed?

Response: Work can be completed anytime of day and any day of week.

9. Are there any environmental concerns regarding aquatic wildlife that may be encountered while dewatering the ponds?

Response: This will be addressed in Addendum 2.

10. Does the sediment/excavated soils need to be tested for potential contaminants?

Response: No. Schnabel has already had the sediment tested. There is nothing in the testing that classified as a contaminant. The results of the testing for the sediments will be provided upon request.

11. Has the owner worked out agreements with the land owners for the access roads, laydown yards, and sediment disposal locations?

Response: Yes.

12. The proposed access route to site 15B has a gate, fence, and livestock within the route. Will the contractor be required to relocate the fence for construction? Will the landowner relocate the livestock during construction?

Response: The intent of the gate is to be opened and closed during construction, and not relocated. It is the Contractor's responsibility to open and close the gate. We will request that the Owner of the parcel relocate the livestock, but the Contractor may have to work around the livestock if relocation is not possible. As stated on Article 5 of the EJCD C-700, Page 13, “Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas, or to improvements, structures, utilities, or similar facilities located at such adjacent lands or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or

injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible."

13. We wanted to ask separate from the above questions if we would be allowed to install temporary materials into each pond to create a berm around each intake structure? If allowed, the temporary material would be removed once each respective project site is complete. If this method would be allowed, would we be responsible for any additional permits required to perform this work? We strongly believe the overall schedule and cost would be drastically reduced this alternate method would be allowed.

Response: Temporary materials into each pond to create a berm around each intake structure is ok as long as they are temporary structures, within the limits of the existing lake bed and removed at the end of construction.

14. The proposed access for Dam 21 seems to go through a gated and fenced off area, is the intent for the fence to be relocated, if so whose responsibility is it?

Response: The intent of the gate is to be opened and closed during construction, and not relocated. It is the Contractor's responsibility to open and close the gate. As stated on Article 5 of the EJCDC C-700, Page 13, "Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas, or to improvements, structures, utilities, or similar facilities located at such adjacent lands or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible."

15. Would excess material from the access road, such as the top soil, be allowed to be stockpiled on site?

Response: Yes.

16. Does the project have any insurance requirements?

Response: Yes, see Article 6 of the Supplementary Conditions in the bid documents.

17. Does the project have any bid bond requirements?

Response: No.

18. Specification section 05 50 00 – 5 Metal Fabrication and Installation refers to refurbishing trash racks, ladders and manhole covers that are otherwise being replaced. Would the County consider allowing all new fabricated metals in lieu of refurbished material? The refurbished material will add duration to dewatering and overall schedule as the process must wait to be

started when each material to be refurbished is obtained. These are critical project items with potential to extend project duration. If the refurbishing is the only option can more detail be provided on the refurbishing process? Our suppliers need an accurate depiction of refurbishment expectations to provide accurate pricing and lead times. We need an accurate depiction of cost associated with waiting for the material.

Response: For metal parts, refurbishing metal parts generally means removing rust and old paint and applying coatings of the paint per our specifications. However, if refurbishing is deemed to cost more than replacement (due to delays), the County will allow all new fabricated metals in lieu of refurbished materials.

19. Construction sequence step 5 on Overall Proposed Repairs Sheet 2 of 2 in plan set explains "Contractor is responsible for verification of dimensions before placing order..." for slide gate, stem and operator. There are concerns this will extend contract duration by waiting to start fabrication until the pond is dewatered and pond silt is removed to accurately measure. For these parts to be accurately measured, the pond will need to be dewatered twice and a preliminary excavation will need to take place to confirm measurements. Can the Engineer confirm that intent is the as-builts and prepared design can be used to place the order? Please confirm that note 5 is not the intent and the material should be ordered based on the provided drawings and design. Can the Engineer confirm that Contractor will not bear additional cost if the existing design can be used to release orders and future modifications are needed when pond is excavated?

Response: The "as-builts" can be used to place the order for the low-level drain gate and its components. We do not expect the main components (gate frame and slide) to be subject to change based on the available information. Most of the small changes can be corrected in the field without reordering, but if the field dimensions are drastically different than our drawings and specs, Contractor may submit a change order.

20. Dam No. 10 plans did not mention a ladder, however in the summary of the proposed repair work at each Dam chart that was provided in the design report mentioned there would be a replacement.

Response: Dam No. 10 currently does not have a ladder, the plan is not to provide a new ladder at this location.

21. Dam No. 19A does not specify a ladder replacement in the drawings but does provided ladder installation notes, and has a replacement listed on the summary of the proposed repair work at each Dam located in the Design Report.

Response: Dam No. 19A currently does not have a ladder. However, a new ladder has been proposed to be added.

END OF DOCUMENT