

**HARDY COUNTY PUBLIC SERVICE DISTRICT
HARDY COUNTY, WEST VIRGINIA**

OLD FIELDS WATER STORAGE TANK

ADDENDUM #3

NOVEMBER 30, 2022

THRASHER PROJECT #010-10171

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Thursday, September 29, 2022, at 2:00 P.M., for the above-referenced project. A copy of the sign in sheet is included in this Addendum. This Addendum provides clarifications and addresses questions posed by contractors for the above reference project.

A. GENERAL

- 1. THE BID OPENING FOR THIS PROJECT HAS BEEN POSTPONED AND WILL NOW BE HELD ON TUESDAY, DECEMBER 13, 2022 @ 9:00AM LPT, LOCATED AT 102 N. MAIN STREET, MOOREFIELD, HARDY COUNTY, WEST VIRGINIA 26836.**

B. SPECIFICATIONS

Specification Section 331313 WATER STORAGE TANK DISINFECTION – REPLACE Specification Section 331313 with the revised Specification included as part of this addendum.

C. DRAWINGS

SHEET #8 – ADD Sheet #8 to the Contract Drawings included as part of this addendum.

SHEET #10 – ADD Sheet #10 to the Contract Drawings included as part of this addendum.

SHEET #11 – ADD Sheet #11 to the Contract Drawings included as part of this addendum.

SHEET #12 – ADD Sheet #12 to the Contract Drawings included as part of this addendum.

D. QUESTIONS AND RESPONSES

QUESTION

1. Will all methods from AWWA C652 for chlorination of the tank be acceptable?

RESPONSE

No, only methods 1 and 2 will be acceptable for Chlorination of the existing and proposed tank. The Specification Section 331313 – Water Storage Tank Disinfection has been revised and is included as a part of this addendum.

QUESTION

2. Who will be responsible for emptying the existing tank for installation of the mixing system?

RESPONSE

The Contractor shall be responsible for coordinating the draining of the existing tank upon placing the proposed tank in service.

QUESTION

3. Will the existing tank need chlorinated after mixer is installed?

RESPONSE

Yes, the existing tank shall be chlorinated after the mixing system is installed.

QUESTION

4. DET-3 states under the cut fill section that the site is a balanced and will be constructed back to original contours as close as possible. Is this correct?

RESPONSE

This note is not applicable to this project.

QUESTION

5. DET-5 shows road profiles for the access road. Are we to include doing this to the entire access road?

RESPONSE

No, the DET-5 is only applicable where road widening is designed, as shown on Plan Sheet #3.

QUESTION

6. Will the fence have barbed wire? If so, how many strands 3 or 6?

RESPONSE

Yes, the fence shall have three (3) strands of barbed wire, to match existing.

QUESTION

7. Are any special permits or license required by the Contractor?

RESPONSE

No special permits or license are required by the Contractor.

QUESTION

8. Is the tank color Forest Green?

RESPONSE

Yes, the color of the tank shall be Forest Green to match the existing tank color.

QUESTION

9. Is Aquastore Tank an approved glass-lined tank manufacturer?

RESPONSE

Yes.

QUESTION

10. The Rim Elevation shown on the Tank Detail is 1207.40. The Overflow Elevation shown is 1026.90. The Freeboard shown is one foot, but the elevations show six inches. How much Freeboard is to be included?

RESPONSE

The Rim Elevation and Overflow Elevation on the Plan Sheets are correct. The Plan Sheets have been revised to show a 6-inch Freeboard. The Revised Plan Sheets have been included as a part of this Addendum #3.

QUESTION

11. Are the dimensions of the Glass-Lined tank, correct?

RESPONSE

The plan sheets have been revised to show a Glass-Lined tank with a diameter of 50.35' and a height of 28.43'. The revised plans sheets have been included as a part of this Addendum #2.

QUESTION

12. Can an Aluminum Geodesic Dome Roof be used instead of a Knuckle Roof as shown on the plans?

RESPONSE

Yes, the Aluminum Geodesic Dome Roof shall be used.

QUESTION

13. Is a Bolt on Cable System with Cable Fall Arrester and Straight Run Ladder acceptable in lieu of the Caged Ladder System?

RESPONSE

Yes, Contractor shall provide a Bolt on Cable system with Cable Fall Arrester and Straight Run Ladder to meet OSHA standards.

QUESTION

14. What is the time allowed for Substantial Completion and Final Completion? Will a time extension be considered due to material delivery delays?

RESPONSE

Yes, Contract time has been revised to 330 Calendar days to Substantial Completion, 360 Calendar days to Final Completion.

QUESTION

15. The Base Elevation for the Tank is 1178.97', and Ground Elevation is 1178.85'. Is this correct?

RESPONSE

Yes, the elevations are correct. The area around the tank footprint is sloped away from the tank at 1.00%.

QUESTION

16. In the "General Construction Notes"- (Sheet 8 and 11- General Note 2), It says, Tank foundations shall be constructed in accordance with AWWA Standard D-103 Seismic Zone 1 and 100 MPH Wind Velocity. Do you want to tank designed in accordance with AWWA D-103 and the wind and seismic designed to IBC 2018?

RESPONSE

The "General Construction Notes"- (Sheet 8 and 11- General Note 2)" now states "The tank shall be designed in accordance with AWWA D-103 Standard and the wind and seismic shall be designed to IBC." The revised Plan Sheet has been included as a part of this addendum.

QUESTION

17. Roof Manway Detail is for a Knuckle Roof not a Dome. Is Standard Dome Roof Manway 30" x 30", acceptable?

RESPONSE

Yes. Contractor shall include a Standard Dome Roof Manway in their bid.

QUESTION

18. Is there a Silt Stop Detail for a Glass-Lined tank?

RESPONSE

Yes, a silt stop detail has been provided as a part of this Addendum #3.

QUESTION

19. Are the roof walkway and guardrail detail, correct?

RESPONSE

No. The Contractor shall provide a Roof Walkway and Guardrail for a Dome Roof for a Glass-Lined tank.

QUESTION

20. Is the adjacent property owner aware of the project?

RESPONSE

Yes. The access for the project is the existing roadway to the existing tank and the PSD will alert the property owner prior to construction.

QUESTION

21. Can a steel floor alternate be installed instead of concrete floor?

RESPONSE

No, Contractor shall provide a water storage tank with a concrete floor, as designed.

QUESTION

22. What are the telemetry upgrades?

RESPONSE

Telemetry upgrades shall include the installation of a new transducer prior to the Tee for the tie-in and connection to existing RTU, including electrical connections as required.

E. CLARIFICATIONS

N/A

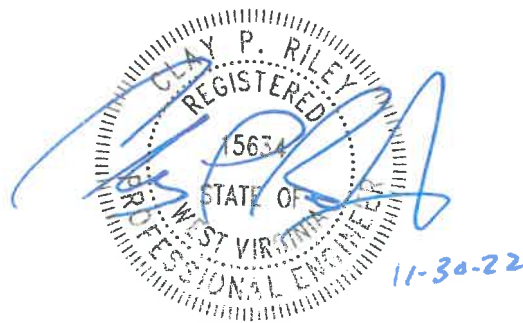
If you have any questions or comments, please feel free to contact me at your earliest convenience. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



CLAY P. RILEY, P.E.
Project Manager



Enclosures BOR
 Specification 331313 – Water Storage Tank Disinfection
 Plan Sheet #8
 Plan Sheet #10
 Plan Sheet #11
 Plan Sheet #12