



MEMORANDUM – ADDENDUM NO. 2

To: Interested Vendors
From: Cindy Clack
Date: 11/10/2025
Re: RFB2026-08 Rebid Northwest Elevated Water Storage Tank -- Addendum No 2 (Total of 3 pages)

Please see below for questions/answers that have been received to date.

Questions/Answers:

Q1. *Do we really need to mail (4) copies of the bid with our submittal? (Section II 12.3)*
A1. Yes.

Q2. *Will there be day/time working restrictions where inspections are not required?*
A2. No, there will not be day/time working restrictions where inspections are not required.

Q3. *Should Barrow County also be listed as the Engineer?*
A3. No.

Q4. *Is there an Estimate or Project Budget?*
A4. Not available for this project.

Q5. *What is the anticipated construction start date?*
A5. Anticipated construction start is March 2026.

Q6. *Please clarify, what is the anticipated “Center of Tank” coordinates?
(I don't see this specified, maybe I'm overlooking it... I'm trying to determine how much clearing will be required of those trees).*
A6. The center of tank coordinates are: N 1486484.11, E 2402015.75

Q7. *Per the Geotechnical line item on the bid form (and information in the Tank Section), are we able to use the same firm for further evaluation or are you asking that we have a Geotechnical Investigation completed by an additional firm?*
A7. Bidder may contract with the same firm for further evaluation, consulting, or exploration. However, cost for further evaluation related to the tank foundation design shall be at the contractor's expense and included in bid item 1.

Q8. *Our TS design this size has a diameter of 70.17 ft and head range of 30 ft. Plans are showing 65 ft diameter and specs show a head range of 34 ft (+/-2.5 ft). Each Tank Manufacturer has their own standard tank geometry for each style... This varies only slightly, please let us know if our standard geometry is okay or if it needs to be specifically what is indicated in the plans/specs.*
A8. Any variation from the plans/specs shall be submitted to the Engineer for review and County approval. Submitted 750M Toro-Spherical-XX-01 is approved.

Q9. *Reference to Geotechnical Exploration S&ME Project No. 24800066: On page 1, it is noted that at the time of the report the size and type of tank had not been determined. The bid documentation is for a 750,000 gallon Toro Spherical multi-leg water tank. The report recommended a shallow mat foundation; we would typically use spread footings for a multi-leg tank design. Can you provide bearing pressure and depth to use for a spread footer type of foundation?*

A9. The Contractor will be required provide detailed foundation design for the particular tank they will construct. While shallow foundations may be a feasible means of support for the tank, additional geotechnical evaluation of bearing capacity and estimated settlement with respect to the individual column and central riser loads shall be performed by an experienced geotechnical engineer licensed in Georgia. Bearing capacity and settlement are dependent on the soil conditions as well as the foundation size and embedment. Shallow Foundations may be designed and utilized by the Contractor, with geotechnical data and evaluation to substantiate the foundation design obtained by the Contractor at his expense. See also answer to question 7.

Q10. *Reference to Geotechnical Exploration S&ME Project No. 24800066: On page 2, settlement values are provided for column piers and center riser. The provided mat foundation settlement values differ from these. Can you verify the settlement values using a spread footer type foundation?*

A10. The settlement values shown on page 2 of the geotechnical report are maximum tolerable amounts for a multi legged tank listed in a "Soil Investigation Report Requirements" document obtained from a different project and not related to the subsurface conditions or loadings for this project. The structural engineer for the tank design shall provide the maximum tolerable settlements for the submitted tank. For additional clarification, see answers to questions 7 & 9.

Q11. *Reference to Geotechnical Exploration S&ME Project No. 24800066: What is the recommended frost depth for this location?*

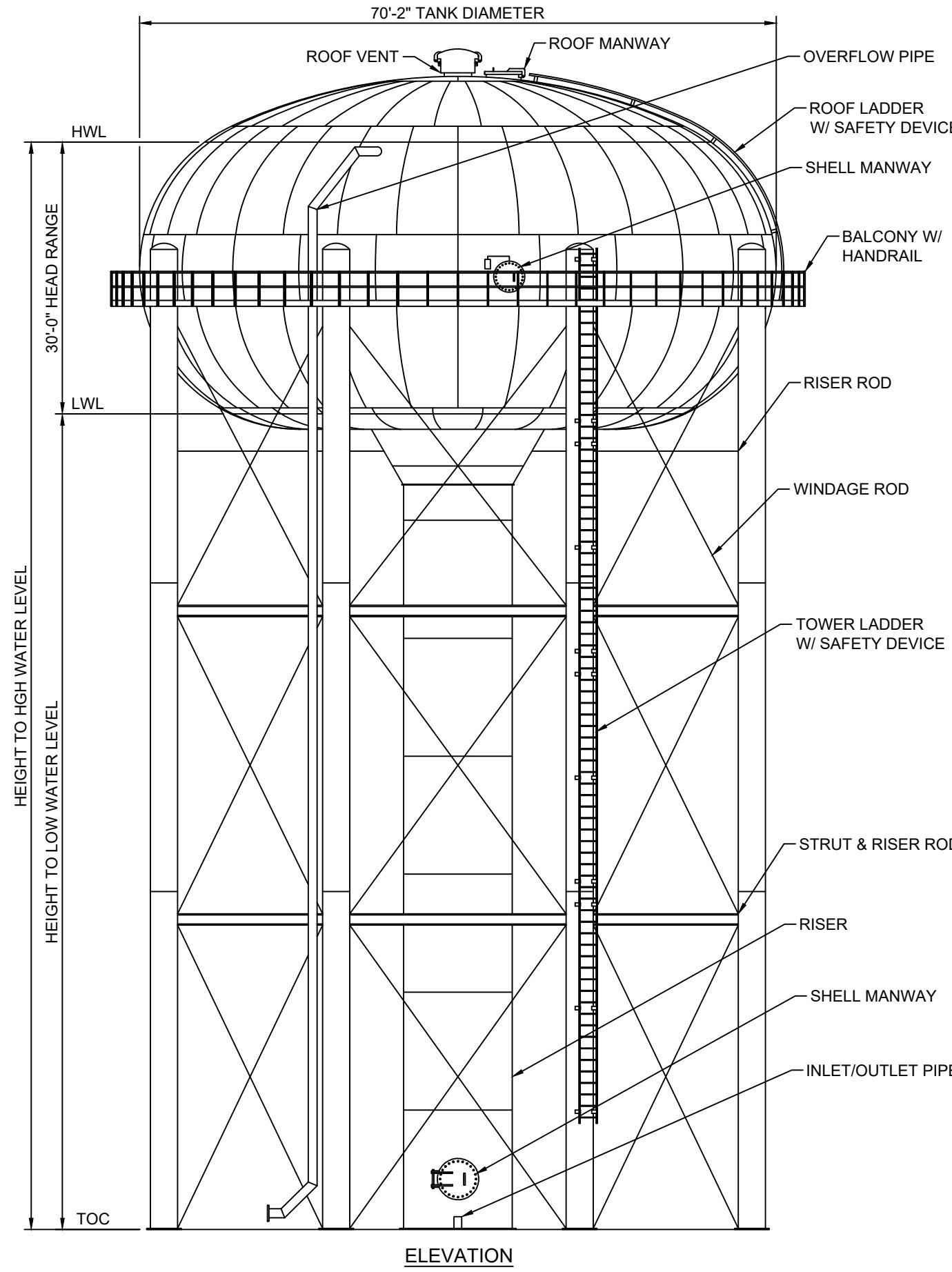
A11. One (1) Foot.

Q12. *There is no line item on the bid form for the chain link fence (section 32 31 3), however, there is a line item for the silt fence & the orange barrier fence. Can you please confirm the chain link fence is required? If so, should we just include that in line item 1?*

A12. Yes, chain link fence is required. Include in line item 1 (see Measurement and Payment section 01 02 50, item 3.01).

Attachments:

- Phoenix 750M Toro-Spherical-XX-01 Submittal (1 Page)



1. DESIGN CRITERIA

- 1.A. THE TANK AND SUPPORT STRUCTURE SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AWWA D100-11 AND THE PROJECT SPECIFICATIONS.
- 1.B. LOADING CRITERIA:
 - 1.B.A. DESIGN WIND VELOCITY - MPH
 - 1.B.B. DESIGN SNOW LOAD - PSF
 - 1.B.C. MCE SPECTRAL RESPONSE ACCELERATION - 0.2 - SEC PERIOD (S_2) -
 - 1.B.D. MCE SPECTRAL RESPONSE ACCELERATION - 1.0 - SEC PERIOD (S_1) -

2. MATERIALS

- 2.A. STEEL PLATE: ASTM A283 OR ASTM A36
- 2.B. STRUCTURAL SHAPES: ASTM A36 OR ASTM A992
- 2.C. LADDER RUNGS: ASTM A706

3. GENERAL

- 3.A. ALL ACCESSORIES SHOWN ON THE ELEVATION DRAWING ARE ROTATED FOR CLARITY.
- 3.B. THE NUMBER OF PERIMETER COLUMNS SHALL BE PER MANUFACTURER'S STANDARD DESIGN.
- 3.C. ALL LADDERS, LADDER SAFETY DEVICES, PLATFORMS, HANDRAILS, ETC. SHALL CONFORM TO CURRENT OSHA REGULATIONS.
- 3.D. TANK CONTRACTOR SHALL GROUT BENEATH COLUMN AND RISER BASE PLATES UPON COMPLETION OF ERECTION.
- 3.E. SURFACE PREPARATION AND COATING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 3.F. THE TANK SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C652-02.

