

Separate sealed Bids are solicited for the following project:

Project Name: **Boone, Iowa
500,000 Gallon Spheroid (Industrial Road)
Exterior Overcoat
Wet Interior Repaint
Dry Interior Partial Repaint
And Miscellaneous Repairs**

Note: This project name is to be understood to include the entire scope of project as defined and detailed by these specifications and Contract Documents.

Separate sealed bids will be received by the Owner and then publicly opened and read aloud at:

Bids Sent To: **Boone City Hall, Attention City Clerk, P.O. Box 550, 923 8th St.,
Boone, Iowa 50036**

Bid Opening Date: **September 4, 2026**

Bid Opening Time: **2:00 P.M. (local time)**

Bid Opening Site: **923 8th St., Boone, Iowa City Hall Auditorium 2nd Floor**

The Bid Requirements and Contract Documents may be examined at the following locations:

Master Builders of Iowa	Construction Update	Construction Association
221 Park St.	645 32 nd Ave. SW	43636 Woodward Ave.
Des Moines, IA 50309	Cedar Rapids, IA 52404	Bloomfield Hills, MI 48302

At the OFFICE of the ENGINEER and at the OFFICE of Waylon Andrews.

Complete digital project bidding documents will be available at www.questcdn.com. Download the digital plan documents by inputting Quest Project No. 10311579 on the website's Project Search page. Please contact QuestCDN.com at (952) 233-1632 or info@questcdn.com for assistance in free membership registration, downloading, and working with this digital project information.

For further requirements regarding bid submittal, qualifications, procedures, and contract award, refer to the Instructions to Bidders, and if applicable Supplemental Instructions to Bidders, that are included in the Bidding Requirements.

Note 1: The Engineer assumes no responsibility to supply Builders Exchanges and similar plan review rooms with all addenda issued. An attempt will be made to do so; however, only registered plan holders will be notified by email of expected or late term addendum with short preparation times.

Note 2: Prequalification of BIDDERS – Iowa law prohibits the Prequalification of bidders on municipally funded projects for public works. DIXON's Prequalification program, its requirements and its disqualification conditions will remain in effect, but Bidders not prequalified will still be allowed to submit bids with no disadvantage. Bidders not prequalified will go through the same review as Prequalified Contractors previously completed. The review will require more time between Bid and recommendation or non-recommendation of Bidder. Prequalification shortens the time between Bid and Recommendation only.

SCHEDULE and LIQUIDATED DAMAGES

The Contractor is to abide by the following schedule:
Commence work on or after April 12, 2027.

Substantial Completion by June 25, 2027, including cure and disinfection time.

The tank may be out-of-service for a maximum of 50 days.

Work hours are 7:00AM to 7:00PM Monday through Sunday.

Liquidated damages are applicable and begin after 50 days out-of-service or after Substantial Completion date whichever is the earlier date. Liquidated damages at \$1,250/calendar day is to apply after this date. Ready for Final Payment Date is to be thirty (30) days after date Substantial Completion Date based on out-of-service days or scheduled Substantial Completion, or as adjusted by Change Order, or actual Substantial Completion if earlier. Liquidated damages after Ready for Final Payment Date of \$750/day is to apply. Liquidated damages are cumulative if damages from Substantial Completion and Ready for Final Payment overlap. In addition, Special Damages, fines, or Set-Off may also apply per Bid/Agreement Form.

SCOPE of WORK

Tank Information:

The structure is a 500,000 gallon spheroid with a high-water level of 140 ft. The structure is located at 2222 Industrial Park Road in Boone, Iowa.

The work includes:

Exterior: High-pressure water clean (5,000 to 10,000 psi), spot power tool clean to an SSPC-SP11 standard. Apply a three (3) coat epoxy urethane fluoropolymer system.

Wet Interior: Abrasive blast clean to an SSPC-SP10 near-white metal standard. Apply a three (3) coat zinc epoxy system. apply a polyurethane caulk to the roof lap seams. The mechanical mixer is to be removed and reinstalled after the topcoat is cured.

Dry Interior: Abrasive blast clean the entire top of the platform (including 1 ft. up the riser wall), the entire transition cone, the entire access tube, and spot coating failures throughout to an SSPC-SP6 commercial standard. Apply a three (3) coat epoxy system to the access tube and transition cone and a spot two (2) coat epoxy system to the rest of the prepared surfaces.

Foundation: Repair grout. Repair spalls. Water clean and apply a two (2) coat epoxy system.

Repairs:

- 1) Replace the bowl manway gasket.
- 2) Replace the wet interior roof hatch.
- 3) Replace the access tube roof hatch.
- 4) Install a hatch at the top platform.
- 5) Install handholds at the painter's (bird) hatch.
- 6) Install deflector bars on the fill/draw pipe.
- 7) Replace the sample tap on the fill/draw pipe.
- 8) Remove the fill/draw pipe insulation for inspection.
- 9) As a contingency replace sections of the fill/draw pipe.
- 10) As a contingency weld pits on the fill/draw pipe.
- 11) Install an aluminum jacketing over the fill/draw pipe insulation.
- 12) Replace the mud valve.
- 13) Install a condensate drain line.
- 14) Install a flap gate on the overflow discharge.
- 15) Repair the hole in the overflow pipe.
- 16) Install a fall prevention device on the wet interior ladder.
- 17) Adjust the fall prevention devices.
- 18) Install a pressure vacuum vent.
- 19) Install cathodic clips and pressure fitting.
- 20) Install a roof handrail with a painter's railing.
- 21) Weld a rigging lug on the transition cone.
- 22) Install a grate over the catch basin.
- 23) Install light fixtures in the riser and access tube.
- 24) Replace the dry interior light bulbs.
- 25) Install grounding rods for the structure.

1.01 MISCELLANEOUS

- A. Payment for this Project is to be in two phases. Half of the Contract is to be paid before July 1, 2027, and half of the Contract is to be paid after July 1, 2027.

1.02 ADDITIONAL PROJECT SPECIFIC REQUIREMENTS

- A. IOWA Code 73A.21 – Reciprocal resident bidder and resident labor force preference by state, its agencies, and political subdivisions – penalties; applies to all government

funded infrastructure projects. This is informational only and compliance is the Contractor's responsibility:

- i. If the Bidder's home state AND governmental subdivision does not have any Bidder preference laws (ex. 5% preference to local Bidder) then this law has no effect, it is a reciprocal law.
- ii. If the Bidder's home state has a Preference Act such as IL where if unemployment exceeds 5% all Contractors are required to use 90% local residents as their labor force. Those Contractors will be required by the reciprocity to use a work force 90% of which are residents of IA.