



Augusta County, Virginia Request for Quotes

Date: March 9, 2023

Project Title: Natural Chimneys Park/Campground Water Tank Interior Rehabilitation

RFQ # 43010-23-02

Location of Work: Natural Chimneys Park/Campground
94 Natural Chimneys Lane, Mount Solon, VA

Questions: Rusty Sprouse
Director of Facilities Management
Call: 540-245-5632
Email: rsprouse@co.augusta.va.us

Quote Deadline: 2:00PM Thursday, April 6, 2023
Please deliver to: Elana Sorrell, Purchasing Assistant
County of Augusta, Finance Department
18 Government Center Lane
Verona, VA 24482

I. Purpose:

The County of Augusta is seeking a qualified Class A contractor to prepare and recoat the interior of the 34,000 (approx.) gallon water storage tank that serves the Natural Chimneys Park and Campground. This tank is located at 94 Natural Chimneys Ln., Mt. Solon VA.

There will be a non-mandatory pre-bid meeting held at the site on March 30 2023 at 10am for interested qualified companies. Please see attachment #1 for exterior and interior tank photos.

II. Description:

The tank is a horizontal ground storage tank with an approximate size of 34,000 gallons of water storage. This tank supplies potable water to the Park/Campground guest and visitor center.

III. Scope of Work:

- A. The contractor shall comply with all applicable OSHA/VOSH standards. The contractor is responsible for the safety of any employees and subcontractors. Compliance with confined space regulations will be the responsibility of the contractor.
- B. Inspect tank vent, drain and overflow. If repairs are needed, provide cost estimate to County for repairs.
- C. Third party inspections by a licensed engineer will be required. The County will choose and contract with the engineering firm directly. The contractor and engineer will need to work together so that proper inspections are completed at several key times in the process. The inspection frequency shall be as listed:
 - 1. After interior surface prep, prior to primer installation
 - 2. After primer coat and prior to stripe coat
 - 3. After stripe coat and prior to final full finish coat
 - 4. After final coat prior to disinfecting the tank



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- D. All materials and work shall be in accordance with NSF/ANSI/CAN Standard 61-2020, AWWA Standards D102-17, or an approved equivalent. Coating products may be one of the following manufacture systems: Caboline, Ameron International Protective Coatings, Tnemec, or Sherwin Williams. Equivalent products considered upon request. The County must approve all submittals prior to contractor purchase of paint/coating system.
- E. Abrasive blast all interior surfaces to bare metal in accordance with the Steel Structure Painting Council (SSPC) surface prep method #10, near white grade. The third-party inspector shall verify.
- F. Apply a full prime coat of zinc-enriched epoxy that is NSF approved for contact with potable water to all interior surfaces. Thickness shall be 4.0 to 5.0 mils dry film thickness. This prime coat will need to be different in color to the finish coat to provide a better visual of coverage for the light-colored finish coat. Note that all painting process must follow the manufacture recommendations for application, including temperature and humidity specifications. The third-party inspector shall verify.
- G. Apply a “stripe coat” of epoxy that is NSF approved for contact with potable water to all welded seams, applied using paintbrushes and rollers. Third party inspections to verify.
- H. Apply a full finish coat of epoxy that is NSF approved for contact with potable water to all interiors surfaces at 4.0 to 5.0 mils dry film thickness. Third party inspector to verify.
- I. Once the manufactures drying time has expired, the coating will be inspected. Any unsatisfactory areas will be repaired at no additional cost to the County, and subject to re-inspection and testing.
- J. Clean and remove all dirt and loose materials prior to disinfection of the structure. Only potable water shall be used to clean and rinse the water storage facility. All equipment including brooms, brushes, spray equipment and workers boots shall be disinfected before they are used to clean the storage facility.
- K. Disinfect the water storage facility in accordance with AWWA Standard C652-19 before placing in operation. The disinfection of the storage facility shall be repeated until it is determined, by bacteriological testing, that the water is free of coliform bacteria. Provide testing results to County.
- L. Test abrasive blast debris for the 8 RCRA heavy metals using the TCLP method.
- M. Dispose of abrasive blast debris in accordance with Federal, State and Local regulations. If heavy metals are discovered, provide the manifest showing proper disposal.
- N. Provide a one (1) year warranty on workmanship.
- O. Provide all warranty documentation for products utilized to the County.

IV. TIMELINE:

The timeline for this project is A window between November 13 2023 and March 15 2024. Once the work begins, we would anticipate working until completion, minimizing the amount of down time to be out of water for park restrooms and the Visitor Center staff, which work though the entire year.