

Scope of Work
Project Number 438-22-700
Repair Water Tower Deficiencies- Sioux Falls, SD

The Sioux Falls VA Health Care System (VAHCS) requires repairs, modifications, and/or updates to the existing water tower on campus. The work is in response to a 3rd party inspection which found multiple safety and compliance issues. A copy of the 3rd party inspection report is included as Attachment 1. Also, for reference purposes, a blueprint of the tower is included as Attachment 3.

A. General Contractor Requirements:

1. The contractor shall provide all necessary calculations, reports, certifications, and documentation to address the findings of the Liquid Engineering report which is included as Attachment 3. These items include, but are not limited to:
 - a. Installation of a swing gate at the opening of the handrail of the junction of the tower access ladder and structural girder
 - b. Installation of two 30" shell manways 180 degrees apart
 - c. Installation of an OSHA compliant 42" handrail system around the circumference of the tank roof, complete with an intermediate rail, a toe board, and a swing gate at the junction of the shell to knuckle roof access ladder and tank roof.
 - d. Installation of a 30" secondary hatch 180 degrees from the primary roof hatch
 - e. Cleaning area around knuckle bolts, tightening anchor nuts and tack welding the circumference
 - f. Installation of a new screen on the existing overflow pipe elbow
 - g. Adjusting the windage rods as needed to comply with all regulations.
Calculations/certifications or other required documents shall be provided by the contractor.
 - h. Installation of a float type liquid level indicator. The indicator shall be capable of communicating with the site's existing control system with data reading/storage capability.
 - i. Repair of existing cathodic protection float ropes which have been broken. NOTE: The finding that the cathodic protection needs to be completely replaced has been addressed. Only the float ropes of the cathodic protection need to be included in this project.
 - j. The interior surface shall have all rusted and abraded interior areas to SSPC-SP10 and brush blasted all remaining areas to SSPC-SP7 in preparation for epoxy coating
 - k. The interior surface shall be coated with epoxy primer in all areas and stripe coating of all welded seams
 - l. Design and installation of an integrated temperature monitoring/heating/agitation system to maintain compliance with regulatory statutes.
 - m. Re-Work of base of tower to expose concrete footings at least 12" as required per AWWE code

2. The contractor shall work Monday through Friday except on federal holidays unless approved in advance by the COR. Weekend work must be approved in advance by the COR.

3. All work shall be done between 8AM and 5PM unless otherwise approved in advance by the COR.
4. The contractor shall be responsible for securing all required permits for any work to be completed.
5. The contractor will be responsible for providing construction communication software such as Submittal Exchange, Procore, or equivalent
6. The contractor shall be responsible for maintaining safe operation of the surrounding area. Any road closures shall be communicated in writing to the COR a minimum of 14 days prior to the road closure.
7. The contractor shall follow all VA rules and regulations concerning infection control and staff safety as outlined by the general requirements during the project. Equipment damaged during construction shall be repaired and/or replaced at no additional cost to the VA.
8. The contractor shall give a minimum of 14 days' notice prior to interrupting utilities. Outages with less than 14 days' notice will only be approved if it is determined by the Government that it is a bona fide emergency. All utility outages shall be conducted during non-business hours to the maximum extent possible. All utility outages must be coordinated through the COR.
9. The contractor is to provide a bid on all materials, labor, testing, reporting, certifications, regulatory documentation, disposal, and means and methods in order to provide the VA with a complete and functional water tower system. Bids shall be fair and reasonable, and within the value of the current market. When submitting bids, the contractor is advised to consider the following in the bid:
 - a. Site security- Full fenced in construction area and secure inside space
 - b. Special precautions and time allowed for working safely at heights and potentially at high angle
 - c. Overspray mitigation plan and execution to protect property from being damaged by overspray
 - d. After hour/weekend work as required for utility outages or loud, interrupting work, or to maintain the POP
 - e. Commissioning
10. The contractor is expected to provide all goods and services bid on, according to the VA provided SOW and specifications.
11. The contractor is not to construct any item or install any material/equipment prior to having submittal approval from the project COR. Any item constructed or installed, by the contractor or sub-contractor, without prior approval, via the submittal process, does so at their own risk. Changes for any unapproved/unauthorized work deemed unacceptable by the Government shall be done at no cost to the government.
12. Field changes shall not be conducted without prior approval by the Contracting Officer.

13. The Contracting Officer is the only person with authority to authorize any changes that will impact the cost of the project or the overall schedule. Any communication from sources other than through the Contracting Officer's modification process are not authorized and will be considered at the Contractor's risk.
14. The contractor is expected to follow all safety requirements required by code. The following items have been historical issues on campus and will be closely monitored for compliance:
 - a. Fire/Smoke barriers- All smoke and fire barriers required by the project shall be erected prior to general demolition/construction beginning
 - b. Security- All areas of the construction area are to be kept secure at all times. All locks, including padlocks are to be keyed to the facility's general construction key. Combination type locks are not allowed. Keys are available to be checked out on an individual basis at the Engineering Building 17. See section 24 of this document for the key checkout procedure
 - c. Fencing- This project will require extensive work outside. This creates a safety risk for veterans, employees, or visitors wandering into the construction zone. To provide a safety barrier, a fence will be constructed around the construction area. The fence will comply with the Construction Fence specs found in 01 00 00 section 1.6.I. The fence will be installed and approved by the COR prior to construction work beginning. The fencing map is included as Attachment 2.
15. The Sioux Falls VA Medical Center is tobacco free campus in its entirety to include parking lots, grounds, and buildings. Anybody found utilizing tobacco products on site will be requested to leave the campus.
16. All work is to be conducted in accordance with local, state, and federal codes.
17. The Contractor shall present the disinfection and return to service plan a minimum of 60 days prior to end of the Period of Performance (POP)
18. The contractor is required to provide proof of safety training for all personnel that will be on site.
 - a. Site Supervisor is to possess and provide proof of 30 hr. OSHA training.
 - b. Each person employed by the contractor, including sub-contractors, is to possess and provide proof of 10 hr. OSHA training, at a minimum.
19. Contractors and all their subs shall not use VA parking lots as contractor parking. This includes storage of containers, trailers, or equipment.
20. The contractor is expected to provide all reports, certifications, and O&M Manuals prior to final payment.

21. The contractor is expected to attend weekly project update meetings as scheduled by the COR. It is the contractor's responsibility to prepare an agenda and an updated master schedule for each meeting and come prepared to lead and discuss the current disposition of the project
 - a. An Agenda and updated master schedule are to be emailed to all meeting invitees the day before the scheduled update meeting
 - b. In addition to project progress and other sections deemed relevant, the agenda should include a safety section to report progress on safety finding mitigation and a section specifically for schedule discussion.
22. When work is completed for the day, weekend, or any other extended period, the job site will be kept secure, clean, and organized.
23. Security to the construction area will be enforced at all times. Such security measures include, but are not limited to:
 - a. Locked doors
 - b. Shut and/or locked exterior gates
 - c. Secured material trailers
 - d. Barricades/fences/signal cones
 - e. Construction area warning and indication signs
24. Construction keys will be provided on an as needed basis. The Engineering tech located in building 17 has ultimate authority on who and how many keys will be provided for a project. To obtain construction keys the individual who will maintain physical possession of the key must go to building 17 and fill out a key request card provided by the Engineering Tech. Only one key per person will be assigned. The individual requesting the key must physically be present and sign the key checkout document prior to receiving a key. All keys must be returned before the end of the project is closed out.

B. Asbestos and Lead Abatement

Lead and asbestos are not expected in this project. However, if lead or asbestos is found or suspected; work must stop immediately, and the COR notified of the actual or suspected lead or asbestos.

C. Period of Performance Schedule (calendar days):

The Period of Performance (POP) shall be 120 days from issuance of NTP.

D. Attachments:

1. Attachment 1- Third Party Inspection Report of Deficiencies
2. Attachment 2- Site Security Fence Map
3. Attachment 3- Water Tower Blueprint

- A. VHA Supplemental Contract Requirements for Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors as shown below is hereby incorporated into the scope of work.

VHA Supplemental Contract Requirements for Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors

- 1. Contractor employees who work in or travel to VHA locations must comply with the following:**
 - a. Documentation requirements:
 - 1) If fully vaccinated, shall show proof of vaccination.
 - i. ***NOTE:** Acceptable proof of vaccination includes a signed record of immunization from a health care provider or pharmacy, a copy of the COVID-19 Vaccination Record Card (CDC Form MLS-319813_r, published on September 3, 2020), or a copy of medical records documenting the vaccination.*
 - 2) If unvaccinated and granted a medical or religious exception, shall show negative COVID-19 test results dated within three calendar days prior to desired entry date. Test must be approved by the Food and Drug Administration (FDA) for emergency use or full approval. This includes tests available by a doctor's order or an FDA approved over-the-counter test.
 - 3) Documentation cited in this section shall be digitally or physically maintained on each contractor employee while in a VA facility and is subject to inspection prior to entry to VA facilities and after entry for spot inspections by Contracting Officer Representatives (CORs) or other hospital personnel.
 - 4) Documentation will not be collected by the VA; contractors shall, at all times, adhere to and ensure compliance with federal laws designed to protect contractor employee health information and personally identifiable information.
- 2. Contractor employees are subject to daily screening for COVID-19 and may be denied entry to VA facilities if they fail to pass screening protocols. As part of the screening process contractors may be asked screening questions found on the [COVID-19 Screening Tool](#). Check regularly for updates.**
 - a. Contractor employees who work away from VA locations, but who will have direct contact with VA patients shall self-screen utilizing the [COVID-19 Screening Tool](#), in advance, each day that they will have direct patient contact and in accordance with their person or persons who coordinate COVID-19 workplace safety efforts at covered contractor workplaces. Contractors shall, at all times, adhere to and ensure compliance with federal laws designed to protect contractor employee health information and personally identifiable information.
- 3. Contractor must immediately notify their COR or Contracting Officer if contract performance is jeopardized due to contractor employees being denied entry into VA Facilities.**

B. All other terms and conditions remain unchanged.