

Part II DESCRIPTION / SPECIFICATIONS / WORK STATEMENT

STATEMENT OF WORK (SOW) Emergency - Boiler Plant Safety Device Service Work Project Number: 438-15-504

1) Scope of Work:

The purpose of this requirement is to provide emergency boiler safety device repairs/service for the Department of Veteran Affairs (VA) Sioux Falls SFVAHCS located in Sioux Falls, South Dakota. The service provided shall be performed in such a manner as to assure the safety and welfare of patients, visitors and staff. The SFVAHCS is located at 2501 W 22nd St., Sioux Falls, South Dakota, 57105. The specific location of this work is in the Boiler Plant (Building 11).

2) Background:

Boiler Efficiency Institute (BEI) completed an evaluation on November 21, 2014 on boiler #3 in the Boiler Plant (Building 11). Only boiler #3 was evaluated, therefore boilers #1 and #2 will need to be evaluated based on the documentation identified in the 2014 BEI report. It shall be estimated that if an item was determined deficient on boiler #3 then boilers #1 and #2 will need the same adjustments/repairs/parts/etc. If an additional item is found to be deficient during safety testing of the other boilers it shall be brought to the attention of the Contracting Officer Representative (COR). The VA will also be working with an Engineering firm to provide inspection, DA tank non-destructive testing, custom engineering, and final safety testing. The Engineering firm's duties are identified below.

3) Work Requirement:

- a) This work primarily involves addressing and resolving all of the deficient items identified in the SFVAHCS BOILER PLANT SAFETY TESTING EVALUATION performed by (BEI) report dated November 21, 2014 (ATTACHMENT 1). The contractor shall test the remaining two (2) boilers per the VHA Boiler Plant Safety Device Testing Manual Third Edition (ATTACHMENT 2). The contractor shall take the necessary steps to correct all deficiencies identified on all three (3) boilers. All work shall be completed per ATTACHMENT 2 and VHA Specifications & Standard Details. All repairs and testing shall be coordinated with the COR and Boiler Plant Operators. It is extremely important that all work conducted in the plant be approved by the Boiler Plant Operator In Charge for that day's work.

Items in the 2014 BEI report that are NOT part of this contract:

- DA tank non-destructive testing identified in section 5.6 of the BEI report
- "Custom Engineering" designs (Contractor coordination with Engineer shall be provided through)

If a deficiency item cannot be resolved per ATTACHMENT 2 it shall be the contractor's responsibility to provide written documentation as to why and then provide a proposed method to effectively test the safety device in writing. If this process and procedure is accepted by the COR, Engineering Firm, and VA Central Office (VACO) then the contractor shall provide a revised written safety procedure to be used for future inspections of that safety device. Any changes to the wiring diagrams to address a deficiency shall be completed by the contractor and submitted to the COR at project completion. VA personnel to include but not limited to the COR, Doug Ryan, Joe Ragan, Don Wainwright, Mike Reed will not be providing any design or revised written safety

procedures. They will only be providing reviews and suggestions on questions. All coordination with VA personnel shall go through the COR prior to any communication with VA personnel.

The Engineering firm contracted by the VA (separate contract) will be responsible for inspecting all work performed by the contractor. The Engineering firm will be developing the "custom engineering" solutions noted in the 2014 BEI report. It shall be this contractor's responsibility to work with the Engineering firm on developing solutions for the "custom engineering" deficiencies identified. The Engineering firm will be responsible for inspection of the Boilers, Feedwater Deaerators along with the DA non-destructive testing identified in the report in section 5.6. A copy of that SOW (ATTACHMENT 3) is attached for contractor's reference only. All other plant devices identified in the report in section 5 shall be the responsibility of the contractor under this contract to resolve. The Engineering firm will be responsible for providing Inspection, Safety Device Testing and Calibration Boiler Plant Burners, Controls Instruments, and Data Management (ATTACHMENT 4) in the Boiler Plant after all deficiencies have been resolved to include the "custom engineering" items. ATTACHMENT 4 is shown for contractor's reference only. ATTACHMENT 5 has been included for reference only and shall be verified by the contractor. The actual report shall govern.

Summary of Engineering Firms Duties (performed outside this contract)

- "Custom Engineering"
- (ATTACHMENT 3) SOW - Boiler, Feedwater Deaerators
- (ATTACHMENT 4) SOW - Inspection, Safety Device Testing and Calibration Boiler Plant Burners, Controls, Instruments, and Data Management.

4) Personnel.

- a) Contractor shall furnish personnel to perform the work in this contract.

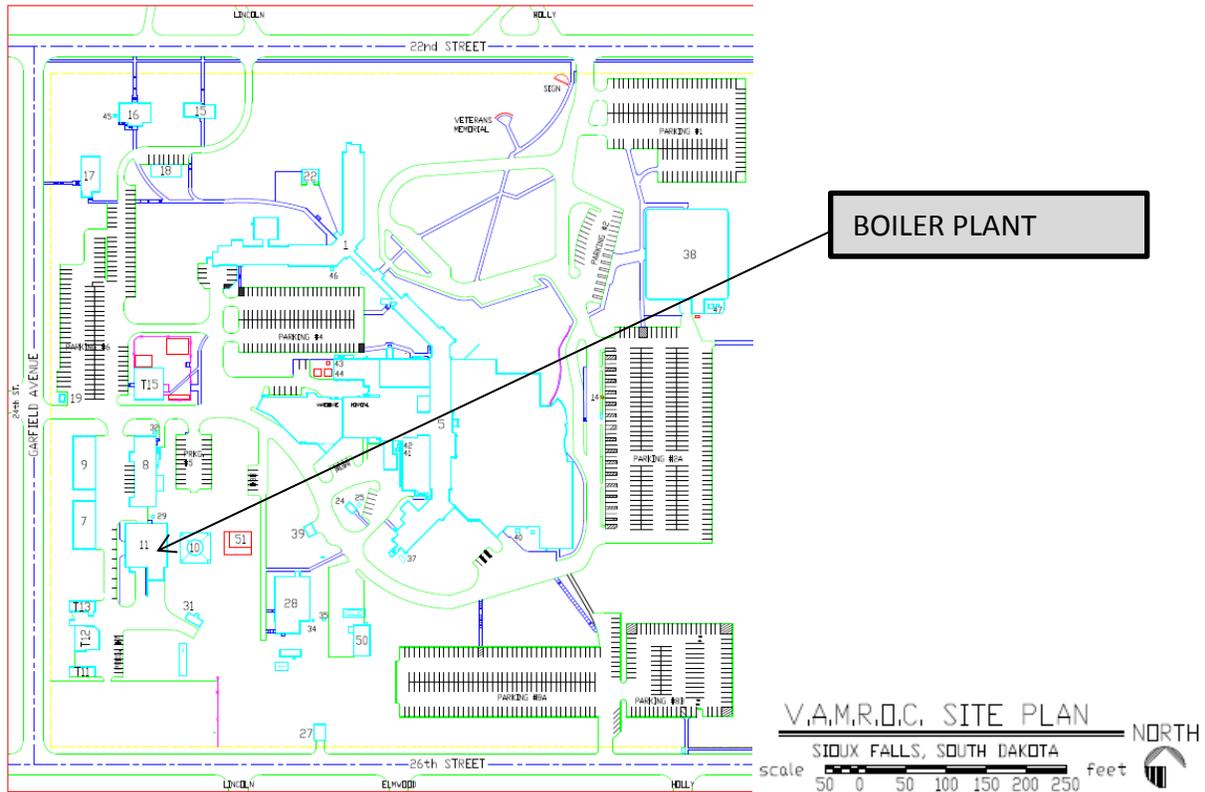
5) Period of Performance

- a) The overall period of performance shall be nine (9) months from the contract award. "Action Time Limits" have been noted in the 2014 BEI report (ATTACHMENT 1) and will begin when the Notice To Proceed (NTP) is issued. Any requests to modify the "Action Time Limit" shall be submitted to the COR in writing with a clear justification for VACO approval.

6) Contractor-Furnished Property and Supplies

The Contractor shall furnish and maintain in acceptable condition, at no cost to the Government, all items of uniform and equipment necessary to perform work required by this contract, as discussed in this paragraph, and additional items as needed.

7) Location Map



8) Attachments included in the Statement of Work

ATTACHMENT 1 - SFVAHCS BOILER PLAN SAFETY TESTING EVALUATION by BEI

ATTACHMENT 2 - VHA Boiler Plat Safety Device Testing Manual Third Edition

ATTACHMENT 3 - Statement of Work – Inspection of Boilers, Feed-water De-aerators (performed by others – reference only)

ATTACHMENT 4 - Statement of Work – Inspection, Safety Device Testing and Calibration Boiler Plant Burners, Controls, Instruments, and Data Management (performed by others – reference only)

ATTACHMENT 5 – Safety Device Testing Table (Completed by VA for reference only – contractor shall verify and the actual report shall govern)