

Background: To ensure the facility's three (3) steam boilers are in compliance with local and national emissions standards, the VA Central California Healthcare System (VACCHCS) Medical Center requires regular reoccurring monitoring of boiler flue gasses.

Scope: The contractor shall provide all materials, equipment and labor to monitor and record the stack concentrations of NOX, CO and O2 of each boiler's flue gas at least once every month (in which a source test is not performed) using a portable analyzer that meets the local air pollution control district (APCD) specifications. The analyzer shall be calibrated, maintained, and operated by the awarded vendor in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCD. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. The contractor will record and provide documentation of: (1) the date and time of NOX, CO, and O2 measurements, (2) the O2 concentration in percent by volume and the measured NOX and CO concentrations corrected to 3% O2, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) recommendations to the government of any corrective actions needed to maintain the emissions within the acceptable range. The contractor will be responsible for providing a triennial (no more than every 36 months) emissions source test for each boiler, as per the existing schedule set forth by the APCD. In which the contractor will be responsible for scheduling, conducting, documenting and submitting results to the APCD. Testing per the services agreement will be required to meet the requirements of the most current issuance of APCD Rules and the facility boiler emissions permits C-1336-1, C-1336-2 and C-1336-3.

Objectives: The objective of the proposed service contract is to provide a safe and healthy environment of care to our patients as well as our surrounding neighbors in the community. The government intends to do this by ensuring the boiler emissions into the atmosphere are regulated properly and monitored per the San Joaquin Valley Air Pollution Control District rules and regulations.

Additional Info: The contractor shall provide a competent labor force to perform the testing and monitoring of the boiler flue gas. OSHA 10 hour certification will be required for all contractor staff on-site to perform work. Obtaining these certifications will be the responsibility of the contractor and should be available for VA inspection at all times during the contract period. The maintenance actions desired in this scope of work will require coordination with the facility Operations Section supervisor to ensure the work is done safely and efficiently. The contractor should schedule their work to minimize disruption to the medical facility's daily operations, patients and staff.

- **NOTE:** The facility does NOT require the contractor to provide and/or store their portable emissions analyzer on site, nor does the government intend on purchasing or maintaining an analyzer with this service contract.

Delivery: Within 14 calendar days after the Contract Award is issued, the contractor shall provide a work plan to be used to perform the services described herein. The submittals shall include a full description of the part, device or hardware for use, as well as sample forms that will be used for documenting the results. Additionally, all materials and or devices used shall have evidence that they comply with the most current applicable code and local APCD Rules. This evidence of compliance shall accompany the part / materials description in the submittal. Work shall not proceed until all submittals have been received, reviewed, and approved by the contract COR.

Additional Information: VA Master Specifications and design manuals referenced herein, can be found at the VA Center for Facility Management webpage - <http://www.cfm.va.gov> , in the Technical Information Library (TIL). APCD Rules can be found at <http://www.valleyair.org>.

- Attachments: Current boiler emissions permits. (x3)