

## **ASBESTOS ABATEMENT PROJECT AIR MONITORING**

Syracuse VA Medical Center

Project Name: 4th, 3<sup>rd</sup>, Ground, Basement, Sub-Basement Asbestos Abatement

Project No. 528A7-17-706

Prepared: April 27<sup>th</sup>, 2017

### **PART 1 GENERAL**

The Syracuse VA Medical Center has an upcoming renovation project that requires disturbance to asbestos containing materials (ACM) and requires a Contractor to provide all parts, labor, tools, materials, transportation supervision to perform quality assurance, air monitoring, and (ACM) testing during ACM removal.

#### **1.01 GENERAL REQUIREMENTS**

- A. The asbestos project air monitoring contractor shall be independent of, and not affiliated with, the asbestos abatement contractor.
- B. The awardee will be provided the Asbestos Abatement Work Plan (AAWP). This contract will be to ensure the Asbestos Abatement Contractor is completing the work properly and in accordance with the associated AAWP.
- C. The AAWP and this contract shall be in full accordance with the following regulations, guidance, and applicable documents as follows:
  - 1. Occupational Safety and Health Administration (OSHA) Title 29 Code of Federal regulations (CFR) Part 1910.1001 - Asbestos, General Industry Standard.
  - 2. OSHA Title 29 CFR Part 1926.1101 – Asbestos, Construction Standard.
  - 3. United States Environmental Protection Agency (US EPA) Title 40 CFR Part 763 - Worker Protection Rule, Asbestos-In-Schools Rule, Asbestos Hazard Emergency Response Act (AHERA), AHERA- Model Accreditation Plan, and Asbestos Ban and Phase Down Rule.
  - 4. US EPA Title 40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAP).
  - 5. OSHA Title 29 CFR Part 1910.134 - Respiratory Protection Standard.
  - 6. Other sections of OSHA Title 29 CFR 1910 (Occupational Safety and Health) and OSHA Title 29 CFR 1926 (Safety and Health Regulations for Construction) that are applicable to this project.
  - 7. New York State Department of Labor Title 12 New York Code Rules, and Regulations (NYCRR) Industrial Code Rule 56 - Asbestos.

#### **1.03 LICENSING, NOTIFICATION AND DOCUMENTATION**

- A. Within 10 days of award the Contractor shall submit to the Contracting Officers Representative (COR) a valid New York State Asbestos Training Certificate as an Asbestos Project Monitor and Inspector issued by the New York State (NYS) Commissioner of Labor per Title 12 New York Code, Rules and Regulations (NYCRR) Part 56. Contractor employees shall carry the certificate at all times while working on each and every project.
- B. Within 10 days of award the Contractor shall submit to the Contracting Officers Representative (COR) to perform and/or collect air samples in this asbestos project monitoring project shall be a valid New York State Asbestos Training Certificate as an Asbestos Project Air Monitor issued by the New York State (NYS) Commissioner of Labor per Title 12 New York Code, Rules and Regulations (NYCRR) Part 56 of the individuals that will be performing the air sampling. Contractor employees shall carry the certificate at all times while working on each and every project.

- C. The contractor shall submit for analysis air-monitoring samples to an accredited laboratory that is independent of and not affiliated with the asbestos project monitoring contractor and is independent of and not affiliated with the asbestos abatement contractor.

#### 1.04 SUBMITTALS

- A. One electronic submittal, containing the following, shall be emailed to the Contracting Officer for review/approval. The Project COR will provide a review/response of the submittal within ten (10) days from the date it was received. Submit the following;
  - 1. Contractors asbestos training certificates for individuals performing the tasks
  - 2. Laboratories' accreditation certificate for air sampling asbestos analysis.
  - 3. Project satisfactorily completed determination.
  - 4. Monitoring project final report.

### PART 2 SCOPE OF WORK

#### 2.01 GENERAL

- A. The contractor shall to review the asbestos abatement work plan, to include all its attachments, and obtain and/or verify all measurements and project data/information required to perform this contract. In addition, the contractor is required to review all Project Monitoring contract documents, and provide written notice to the Contracting Officer of any discrepancies that are found. It is anticipated that the asbestos abatement removal will take 20 working days to complete and will be phased per floor.

#### 2.02 AIR SAMPLING REQUIREMENTS

- A. Background air sampling (prior to start of project), pre-abatement air sampling (area preparation), abatement air sampling (work in progress), and post-abatement (clearance) air sampling. The general air sampling shall be performed IAW Title 12 NYCRR Part 56. Sample analysis shall be performed using Phase Contrast Microscopy (PCM) using NIOSH 7400 methodology. If Transmission Electron Microscopy (TEM) is required, i.e., where the use of PCM has resulted in fiber counts that exceed the air clearance levels acceptable under Title 12 NYCRR Part 56, TEM may be utilized to obtain a more accurate asbestos fiber count. Where such election is made, both the PCM and TEM results must be made available to the COR. The analysis shall be performed in accordance with the procedures described in 40 CFR Part 763, Appendix A to Subpart E. Collect the general air sampling samples, have them analyzed by the accredited laboratory, and shall verbally report the results directly to the COR as soon as the results are available, typically less than 24 hours after the sample was submitted to the laboratory. Final written reports are due to the COR within 72 hours of sample collection, with copies provided to the abatement contractor. Ensure proper chain of custody records for all sampling performed.
- B. In the event that air monitoring results show an airborne fiber concentration which exceeds 0.01 fibers/cubic centimeter (f/cc) or the background level, whichever is greater, the COR shall be notified and the COR shall make all necessary notifications so corrective action may begin.. The notification to the COR shall occur at the same time the sampling results are provided (i.e.: within 24 hours of sample collection).

#### 2.03 REQUIREMENTS AND AUTHORITY

- A. This contract shall monitor the asbestos abatement contractor to assure any asbestos abatement work is performed in accordance with the asbestos abatement work plan and applicable OSHA, EPA, NYS and Syracuse VAMC laws, rules, regulations and guidance. Immediately notify the COR if the abatement plan is not being adhered to or discrepancies are uncovered.

- B. Daily reports shall be prepared, maintained and submitted on a daily log of all on-site asbestos abatement activities to include number of workers, description and quantity of work performed, hours worked, weather conditions, visitors to the site, unusual events, inspections performed, air samples taken, air sample analysis results received, photograph documentation (if taken) and any other appropriate and pertinent information. Provide the original version of these logs to the Syracuse VAMC COR with the project's final report.
- C. The asbestos abatement project shall be deemed satisfactorily completed when the requirements of the project's asbestos abatement work plan has been met and, when clearance air sampling is part of the work plan's requirements, the post-abatement air sampling results are below 0.01 fibers of asbestos per cubic centimeter, or the background level, whichever is greater. A post abatement inspection will be required with the Monitor, COR, abatement Contractor and the construction contractor. This inspection request should be generated by the abatement contractor through the construction Contractor.
- D. A final written report shall be provided to the COR and shall include summary of the work performed by the abatement contractor, post demobilization visual inspection results including damage punch-list, and the original version of the daily logs. The final report shall be submitted within seven (7) calendar days after the asbestos abatement contractor has demobilized. All records shall be maintained as required by state and federal regulations. This contract shall be completed within seven (7) calendar days after the determination has been made that the asbestos abatement project no longer requires asbestos abatement work and the asbestos abatement contractor has demobilized all asbestos abatement equipment and personnel.

### **PART 3 QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)**

#### **A. PURPOSE**

This Quality Assurance Surveillance Plan (QASP) will be used as a guide to Government Quality Assurance Personnel (QAP).

#### **B. PERFORMANCE AREAS**

- 1. Quality: Conformance with statement of work and industry standards.
- 2. Management Responsiveness: Evaluate the adequacy of the contractor's responsiveness and their ability to keep the government informed of work progress and provides for early problem identification and effective corrective action plans.
- 3. Documentation: Provides timely submission of all required documentation.

#### **C. RATING**

- 1. Contractor will be given an overall rating of Satisfactory, or Unsatisfactory using the above evaluation criteria.