

## STATEMENT OF WORK

### Subbasement Crawlspace Testing Support Services ACM Survey, Debris/Soil Sampling, Air Clearances, Testing Services, and Personnel Monitoring

Provide asbestos project monitoring services inclusive of: testing facilities, materials, equipment, transportation and qualified competent personnel (project monitors, industrial hygienist technicians, and laboratory personnel). Work consists of monitoring various activities in the Albany VAMC main hospital subbasement, including the air quality and the personnel exposure to asbestos by collecting and analyzing both general air samples and personnel exposure samples.

Background: The unfinished “crawlspace” sections of the sub-basement of the Albany VA Medical Center main hospital building were abated of asbestos-containing materials in 2011. However, recent surveys of this area have found residual contamination of the soil up to 2% as well as areas with asbestos containing debris on the surface. The subbasement crawlspace area is normally unoccupied; workers only enter this area to perform maintenance and repair, or similar work tasks in support of renovation projects. The intent of this overall project is to verify personnel exposure to asbestos and thus the actual PPE needed for various tasks by having abatement contractors simulate the work activities in protective gear and analyzing the personnel exposure and air samples.

This contract will support a separate contract to an abatement firm. This contract will contain a Base Bid proposal and several optional items according to the attached CLN (contract line number) Schedule. Items in the list below are clearly labelled.

The specific work items include:

1. Perform a visual survey of area(s) in the subbasement, as noted below. Test samples of debris for asbestos content. Provide a keyed map of the findings by modifying the drawing, in addition to a narrative report.
  - a. BASE BID: the 9750 sf area shown on the attached drawing “Subbasement Survey Areas” as BASE. There are several paths in this area that allow mostly walking upright, though with some ducking under pipes/conduit: see attached drawing “Subbasement walking paths”. Include twenty (20) debris samples in proposal.
  - b. OPTION I: the 3500 sf area labelled “Kitchen”. Include ten (10) debris samples in proposal.
  - c. OPTION II: the 10,400 sf area labelled “Awing”. Include twenty (20) debris samples in proposal.
  - d. OPTION III: the 4,450 sf area labelled “ABcore”. Include ten (10) debris samples in proposal.
  - e. OPTION IV: the 9600 sf area labelled “Bwing”. Include twenty (20) debris samples in proposal.
  - f. OPTION V: provide a cost for twenty (20) additional samples.
2. Review the abatement contractor’s proposed abatement and work plans, and provide recommendations.
3. During the abatement phase, provide sampling and testing pursuant to Part 56 of Title of the Official Compilation of Codes, Rules and Regulations of the State of New York (Cited as 12 NYCRR Part 56), latest edition including all pertinent federal, state and local codes, rules and regulations. Sampling shall be performed by a qualified, certified technician trained in the selected methodology of air sampling.
  - a. Air Sampling: high volume environmental samples will be collected each day during asbestos abatement.
    - i. One environmental sample location will be adjacent to each of the Decontamination stations.
    - ii. Balance of environmental sample locations will be inside the crawlspace but outside the exclusion zone in locations that will not hinder abatement activities in the abatement, at least one per area worked. Since multiple areas are within the scope of work, up to 8 locations will be planned dependent on Contractor’s proposed work plan.

- iii. It is anticipated that clearance samples may be overloaded due to the airborne dirt in the crawlspace, in which case TEM analysis will be utilized. The TEM clearance criteria and sampling protocols of AHERA shall be used.
  - b. Bulk Sampling and testing will be performed during excavations – both during the abatement phase and the simulation phase -- to test excavated soil for disposal requirements.
- 4. Collect and analyze all personnel exposure samples during the work simulation phase:
  - a. Abatement contractor will perform 22 total sets of 4 types of simulation work in 8 regions in the subbasement. The goal is to analyze the personal samples for each area/task combination in order to provide PPE recommendations for work in those areas.
- 5. Provide a final narrative report within 7 days of the final testing results.
  - a. Narrative report to clearly indicate the sample results in each of the eight (8) project areas.
  - b. Give specific, detailed recommendations for necessary PPE to perform each of the different tasks in the project areas.
  - c. Include copies of all manifests, permits for transport trucks, and landfill approvals/receipts.
- 6. The laboratory used for analysis of the samples collected shall be approved by the New York State Department of Health Laboratory Approval Program (NYSDOH ELAP) for the selected asbestos analysis methodology.
- 7. Reference document attached: SOW of Subbasement Abatement and Simulation Work

**Items to be provided in response to this proposal:**

Description:		Qty.	Unit	Cost
Plan and Submittal Review		1	LS	
Certified technician				
Air Samples, TEM sample analysis				
Air Samples, PCM sample analysis				
Debris/Soil Samples, sample analysis				
Final Report		1	LS	
<b>Total Asbestos Monitoring Services</b>				

All TEM/PCM and debris/soil samples shall be on a 24 hour turnaround. All Asbestos Air and Bulk Matter Sample Logs with Final Clearances must be submitted to the VA COR within five (5) days of each air samplings.

Period of Performance will be within 15 days of receipt of Notice to Proceed.