

**STATEMENT OF WORK**  
**FOR**  
**CERTIFIED PROFESSIONAL INDUSTRIAL HYGIENIST (PIH) SERVICES**

**1.0 OVERVIEW**

The Veterans Affairs, Bay Pines Healthcare System requires a Certified Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienists (CIH) certified by the State of Florida, to perform asbestos consulting services and perform the duties of the VA Professional Industrial Hygienist (VPIH) during the asbestos abatement of the Central Energy Plan Roof, located at the C.W. Bill Young Medical Center.

The VA Professional Industrial Hygienist (VPIH) shall provide all labor, materials, equipment and supervision necessary to review abatement personnel's documentation compliance monitoring, Phase Contrast Microscopy (PCM) air monitoring & analysis, inspections, clearance testing, and removal activities; for an estimated 60 days of the abatement.

The VPIH shall provide a final report, at the end of the Asbestos Containment Material (ACM) abatement, which includes a summary of pre-abatement and post-abatement activities.

All work will be performed at Central Energy Plan Roof, located at the C.W. Bill Young VA Medical Center located, 10000 Bay Pines Boulevard, Bay Pines, Florida.

**2.0 DEFINITIONS**

The following definitions are provided to clarify acronyms used in this Statement of Work (SOW):

**2.2.1 Asbestos Containing Material (ACM)**

Any material determined to contain more than one percent asbestos by weight.

**2.2.2 Asbestos Hazards Emergency Response Act (AHERA)**

Environmental Protection Agency (EPA) regulation passed in 1986 and enacted in 1987. AHERA was passed to establish rules and regulations addressing asbestos-containing materials in schools. Specifically, AHERA was designed to address the issues of identifying; evaluating; and controlling ACM in schools. AHERA also established training requirements for asbestos workers such as Inspectors, Project Designers, Management Planners as well as Workers and Supervisors. This was done by creating the EPA Model Accreditation Plan (MAP) which covered training requirements for all disciplines under AHERA.

### **2.2.3 Asbestos**

Materials such as: chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these minerals that have been chemically treated or altered. Asbestos also includes PACM, as defined below.

### **2.2.4 Asbestos Control Area**

Also known as the Regulated Area - An OSHA term defined in 29 CFR 1926.1101 meaning an area established by the Contractor to demarcate areas where Class I, II, III asbestos work is conducted; also any adjoining area where debris and waste from such asbestos work accumulates; and an area within which airborne concentrations of asbestos exceed, or there is a reasonable possibility they may exceed the permissible exposure limit.

### **2.2.5 Professional Industrial Hygienist (CPIH/CIH)**

The asbestos abatement industrial hygienist shall meet the qualification requirements of a PIH and be a certified industrial hygienist (CIH).

### **2.2.6 Contractor**

Individual, who supervises asbestos abatement work, has EPA MAP Contractor/Supervisor training, and has an EPA/State certification as a Contractor/Supervisor.

### **2.2.7 Competent Person**

In addition to the definition in 29 CFR 1926.32(f), one who is capable of identifying existing asbestos hazards in the workplace and selecting the appropriate control strategy for asbestos exposure, who has the authority to take prompt corrective measures to eliminate them, as specified in 29 CFR 1926.32(f); in addition, for Class I and II work who is specially trained in a training course which meets the criteria of Has EPA MAP, as stated in AHERA/ASHARA, Contractor/Supervisor training and EPA/state certification as a Contractor/Supervisor.

### **2.2.8 NESHAP**

EPA rule designated to control emissions of hazardous air pollutants into the environment. Asbestos defined in NESHAP as a hazardous air pollutant.

### **2.2.9 Personal Sampling**

Representative air samples obtained in the breathing zone of the person using a cassette and battery operated pump to determine asbestos exposure.

### **2.2.10 Phase Contrast Microscopy (PCM)**

Analytical method used for the analysis of asbestos air samples. PCM is defined under the National Institute of Occupational Safety and Health (NIOSH) 7400 Method. PCM is typically performed on-site by the Industrial Hygienist (IH). The PCM method is a fiber counting method and is not definitive for asbestos content.

### **2.2.11 Polarized Light Microscopy (PLM)**

Light microscopy using dispersion staining techniques and refractive indices to identify and quantify the type(s) of asbestos present in a bulk sample.

### **2.2.12 Presumed ACM (PACM)**

Any, thermal system insulation, surfacing, and flooring material installed in buildings prior to 1981; if the building owner has actual or implied knowledge through due diligence of other

materials being or containing ACM, they shall be treated as PACM. The designation of PACM may be rebutted pursuant to 29 CFR 1926.1101 (b).

#### **2.2.13 Qualified Person**

A person who is capable of: identifying existing asbestos hazards as defined in OSHA 29 CFR 1926.1101; selecting the appropriate control strategy; and has the authority to take prompt corrective measures to eliminate them. Has EPA MAP, as stated in AHERA/ASHARA, Contractor/Supervisor training and EPA/state certification as a Contractor/Supervisor.

#### **2.2.14 Removal**

Any operations, where ACM, PACM, and/or RACM are taken out or stripped from structures or substrates, including demolition operations are considered to be "removal".

#### **2.2.15 Transmission Electron Microscopy (TEM)**

A microscopy method used to identify and count asbestos fibers.

#### **2.2.16 VA Professional Industrial Hygienist (VPIH/CIH)**

The Department of Veterans Affairs Professional Industrial Hygienist shall meet the qualifications of a PIH, and be a Certified Industrial Hygienist (CIH).

### **3.0 SCOPE OF WORK**

The Company shall provide certified Licensed Asbestos Consultant Professional Industrial Hygienist (CPIH), AND/OR Certified Industrial Hygienists (CIH); certified in the State of Florida; and necessary support to conduct the work associated with this scope of services. A summary of pre-abatement and post-abatement activities report shall be filed with the Safety and Emergency Management Office. The provided contracted certified Hygienist shall perform the task identified below as the VA Professional Industrial Hygienist (VPIH):

- 1) Review and Approval of Contractor Submittal:
  - a. The Company shall provide a Licensed Asbestos Consultant/ Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) certified in the State of Florida, to review and approve contractor submittals in accordance with VA master specifications.
  
- 2) Asbestos Abatement Project Oversight Scope of Services:
  - a. The Company shall provide a Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH), certified in the State of Florida to perform Asbestos consulting services. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) will act as the VA Professional Industrial Hygienist (VPIH) responsible for collection of all perimeter air sampling and ensuring that the abatement contractor is in compliance with all regulatory requirements and the VA specifications. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) shall also collect all final TEM clearance.

- b. The Company shall submit a copy of the personnel qualifications, medical clearance records; respirator fit testing certification of worker acknowledgement.
- c. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) shall be a Certified Industrial Hygienist who meets the definition requirement of American Industrial Hygiene Association (AIHA). The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) also shall meet the OSHA requirement as a competent person and has completed all the required training as asbestos abatement contractor supervisor, NIOSH 582, 10 hour construction safety, respiratory protection and waste disposal.
- d. The Company will provide Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) to perform air monitoring for 60 days, the duration of the project. The Industrial Hygienist (IH) will work under the direction of the Certified Industrial Hygienist (CIH).
- e. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) shall continuously inspect and monitor conditions inside the regulated area to ensure compliance with OSHA, EPA and the asbestos specifications. In addition, the Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) shall collect all the required area samples and analyze all air samples within 24 hour of collection. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) will also continuously shall inspect the work area for any breaches in the containment. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) shall maintain a daily log of all air monitoring samples and daily activity log
- f. The Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) will be responsible for conducting all final clearance visual inspections. If the visual inspection is acceptable, the Professional Industrial Hygienist (CPIH) AND/OR Certified Industrial Hygienist (CIH) will proceed with clearance air samples, using aggressive method. Samples shall be analyzed using the PCM method.
- g. All PCM samples shall be analyzed following NIOSH 7400 method. Onsite testing preferred.
- h. Final clearance samples shall be conducted in accordance with TEM NIOSH 7402 method. TEM NIOSH samples shall be collected for areas greater than 160 SF only.
- i. The Company will generate one (1) electronic report, after abatement is completed, detailing the materials identified and removed during the project, and any associated laboratory results.

#### **4.0 Estimated Tour of Duty**

Commencement of work can begin within 2 business days of the notice to proceed.

Certified Industrial Hygienist (CIH) services are required daily unless stated and approved by the Contracting Officer (CO) or Contracting Officers Representative (COR). Service hours required is estimated at 8 to 10 hours per day, five days per week including holidays during the 60 day ACM abatement.

Normal hours of operation are estimated to be 0730 – 1700 daily or as otherwise required.

CPIH or CIH shall provide all manpower, equipment, materials and supplies and supervision necessary to perform all tasks.

## **5.0 Deliverable**

The VPIH shall provide a final report, at the end of the Asbestos Containment Material (ACM) abatement, which includes a summary of pre-abatement and post-abatement activities.

## **6.0 Minimum Personnel Qualification Standards**

Contractor personnel shall meet the minimum qualification to perform the requirements outlined in this SOW:

- Certification as Professional Industrial Hygienist (CPIH) OR Certified Industrial Hygienist (CIH)
- Certifications in the State of Florida as Asbestos consulting services.
- Resume showing experience performing duties as the VA Professional Industrial Hygienist (VPIH), CIH, and PIH.
- Certifications from American Industrial Hygienists Association (AIHA).
- OSHA certifications meeting requirements as asbestos abatement contractor supervisor.

## **7.0 Summary of pre-abatement and post-abatement**

Contractor shall provide a previously constructed pre-abatement and post-abatement Report. The report shall consist of an "Overview" illustrating the capability to produce final reports as requested in this SOW. The submitted report shall contain a brief summary of pre-abatement and post-abatement report. For evaluation purposes, the sample overview shall contain no more than a maximum of 10 pages.

## **8.0 Evaluation Criteria**

This is a Lowest Price Technically Acceptable (LPTA) requirement. All quotations shall be evaluated on the criteria listed below. Offeror shall present documentation for factors/sub-factors requiring proof of certification, training, past performance, and price.

## I. Technical Evaluation Criteria

- A. Personnel Qualifications: Offeror shall provide personnel qualifications documenting education, certifications and experience required in accordance with Section 6.0 of this Statement of Work by providing.
- a. Certifications
  - b. Resume.
  - c. Training Certifications
- B. Pre-abatement and Post-abatement Overview: Offeror shall provide a previously constructed pre-abatement and post-abatement report. The report shall consist of an "Overview" illustrating the capability to produce final reports as requested in this SOW. The submitted report shall contain a brief summary of pre-abatement and post-abatement report. The sample overview shall contain no more than a maximum of 10 pages and shall be IAW Section 7.0 of this Statement of Work.
- a. Provide a previously constructed pre-abatement and post-abatement Report.

## II. Past Performance

- a. Offerors shall provide a minimum of three (3) identified references when submitting their quote. Emphasis will be on recent, relevant past performance. Recent is defined as work performed within the last three (3) years. Relevant is defined as work similar in size and scope of the work described in the Statement of Work (SOW).
- b. Evaluators may validate the information on past performance surveys, by contacting the points of contact directly, via email, or by phone. POC information should be documented and be available upon request.
- c. Offerors with no relevant past performance or whom information is not available, shall not be evaluated favorably or unfavorably on past performance.

## III. Price

The offeror shall complete the Price/Schedule and submit a breakdown that shows the basis for pricing including: labor, equipment, operating supplies, profit, and overhead.