

# STATEMENT OF WORK

**Requisition 266707**

**Contracted Industrial Hygiene Technicians (IHTs) to Support WRPS**

**Revision Number: 0**

**Date: April 17, 2014**

**Prior SOW or Revision Date: N/A**

## **1.0 Objective**

The primary objective of this request is to obtain contracted Industrial Hygiene Technicians (IHTs) to support Washington River Protection Solutions (WRPS) in day-to-day support of ongoing projects, operations, maintenance, and construction within the Tank Farms.

## **2.0 Background/Introduction**

WRPS carries out the work associated with monitoring and managing the 177 underground storage tanks at Hanford that are actively and passively vented to the atmosphere creating a potential for worker exposure to tank vapors. There have been an elevated number of reports from Hanford employees/subcontractors reporting a concern or unusual odors and/or experiencing potential vapors-related symptoms in or near the Hanford tank farms. Thus WRPS Senior Management has requested robust Industrial Hygiene monitoring and sampling focused on known sources, vapor control zones, emission points, and to identify any additional vapor sources. The temporary IHT positions will be focused on field IH activities associated with WRPS Senior Management short and long term actions.

## **3.0 Scope**

The Subcontractor shall coordinate the administration and dispatch of qualified individuals to perform as IHTs to augment the current cadre of IHTs employed at the Hanford Site. While on site, as co-employees of WRPS, IHTs shall be governed by WRPSs safety, security, and work requirements as identified in the contract terms or operating procedures of the facility where the IHTs are working.

### **3.1 Subcontractor IHT Coordination**

The Subcontractor shall provide an individual(s) to perform on-site coordination activities. The Subcontractor's coordinator shall be within the local vicinity of the Hanford Site and shall be responsible for all issues directly related to the acquisition, control, and administration of the IHTs including:

- a. Providing resumes for IHTs when requested by Buyer,

- b. Providing area information (housing, shopping, training requirements, hours of work, etc.) to incoming IHTs,
- c. Coordination with the Buyer to schedule IHTs for initial testing, badging, training, etc., (negative drug screen documentation),
- d. Providing appropriate personnel dosimetry records to appropriate site personnel for arriving personnel.

### **3.2 IHT Duties**

Conduct sampling, monitoring, surveys, and evaluations to identify potential occupational health hazards caused by exposure to noise, chemicals, confined spaces, blood-borne pathogens, ventilation, and other physical and biological agents, using knowledge of Industrial Hygiene principles, concepts, and practices. A variety of Industrial Hygiene monitoring, sampling, and analytical equipment and instruments to evaluate potential exposures and maintain detailed records of sampling activities will be used. The position will require working extended periods of time sampling/monitoring in the field while wearing required respiratory protection. Additional work may be assigned to include: special studies in the evaluation of Industrial Hygiene protection for personnel and the environment. Workers are to follow the HAMTC Labor Agreement work schedule which is expected to be 12-hour rotating day and night shift, but must be able to work all shifts, if required.

### **3.3 Screening Test for Illegal/Unauthorized Substances**

In accordance with the contract clause “Screening Test for Illegal/Unauthorized Substances,” IHTs assigned for more than seven calendar days shall have undergone and passed a screening test for illegal/unauthorized substances not more than three months prior to their initial assignment for services at the Hanford Site. While working on the Hanford site, IHTs are subject to random drug testing under the Buyer’s substance abuse program.

### **4.0 Submittals**

No submittals are expected as part of this scope.

### **5.0 Acceptance Criteria**

IHT candidate will present documented evidence of current exposure records.

Buyer reserves the right to reject any IHT candidate if that candidate has had more than 500 mrem of exposure during the calendar year. Additionally, Buyer reserves the right to reject a candidate that has a lifetime exposure that exceeds  $N-1$  rem, where  $N$  is the age of the person in years. Dosimetry records for each IHT shall be provided to the Buyer prior to IHT candidates being assigned to work at the Hanford Site.

### **6.0 Configuration Management and Standards**

## **6.1 Configuration Management Requirements**

There are no specific Configuration Management requirements applicable to this SOW.

## **6.2 Applicable Standards**

There are no additional standards that apply to this SOW.

## **7.0 ESH&Q Requirements**

### **7.1 Quality Assurance Requirements**

The Subcontractor shall follow standard commercial quality practices.

### **7.2 Price-Anderson Amendments Act Requirements**

This 7.2 section and the General Provisions Article 2.11 entitled, *Price-Anderson Amendments Act (PAAA)*, are both determined to be N/A.

### **7.3 Special ESH&Q Requirements**

On Site Work Provisions apply. The subcontractor shall comply with current WRPS procedures relating to environment, safety, and health that apply to companies and persons performing work on the Hanford Site or Buyer controlled premises. In the event there is a conflict between the provisions of this document and the safety and health regulations or procedures, the more stringent provision shall apply.

The Subcontractor shall perform work safely, in a manner that ensures adequate protection for employees, the public, and the environment, and shall be accountable for the safe performance of the work.

## **8.0 Verification/Hold Points**

No verification/hold points applicable to this SOW.

## **9.0 Reserved**

## **10.0 Work Location/Potential Access Requirements**

Work will be performed in the 200E and 200W Areas of the Hanford Site approximately 36 miles north of Richland.

## **11.0 Training**

Subcontractor personnel required to be on site in support of this subcontract shall at a minimum, complete HGET and obtain a site badge. WRPS will schedule and furnish Hanford Site-specific training courses. Subcontractor personnel shall be trained as indicated in the training profile for the specific position and their assigned work. Training shall be completed prior to performing the work.

Any issues of the IHT performance will be communicated to the Subcontractor for correction. Failure to effect adequate performance correction may result in WRPS request for the Subcontractor to replace the IHT.

**11.1 IHT Evaluation**

Buyer will evaluate any and all training and qualification of each IHT prior to authorizing work and throughout work performance. The Buyer will have the final determination regarding any IHT candidates assigned to work at the Hanford site. The evaluation will include and be based upon the following:

- a. The specific job duties the IHT will be required to perform,
- b. Training in Hanford procedures and equipment associated with the authorized duties,
- c. Training in recent operating experience, and
- d. Observation of on-the-job performance by the Buyer.

**11.2 IHT Training Profile (Total Hours 177.5)**

Hours	5501	TOC Tank Farm Access Training Requirements
20.0		020001 Radiological Worker II Initial Training
24.0		031110 24-Hour Hazardous Waste TSD Worker
8.0		031410 1-Day Supervised Field Experience
4.0		350560 TOC Waste Handling, Segregation And Packaging - Initial
1.0		350761 Tank Farm Facility Orientation And FEHIC - CBT
4.0		351524 Chemical Hazards Awareness Training
1.0		356614 Tank Farm Lead Hazard Communication
	3347	TOC Industrial Hygiene Technician
4.0		004113 Beryllium Work Permit Preparation
8.0		004114 Beryllium Postings, Assessment, Characterization/Verification
4.0		004115 Beryllium Sampling Techniques
4.0		004140 Beryllium Worker Training
3.0		02006L Asbestos Awareness
7.0		020134 Hanford Site Confined Space Entry
3.0		020147 Fall Hazard Recognition And Prevention
1.0		020193 Heat Stress Prevention And First Aid - CBT
1.0		020194 Hearing Conservation - CBT
1.0		044371 Users Scaffold Safety - CBT
1.0		044391 Portable Ladder Safety - CBT
16.0		350069 TOC Operational Expectations
8.0		350292 TFC Industrial Hygiene Technician Qualification
2.5		350933 Safety Basis Training

4.0	357106 Cycle 6 Industrial Hygiene Technician Continuing Training
3.0	357115 Industrial Noise Measurement (SLM & Dosimeters) Use
40.0	357884 Fundamentals Of Industrial Hygiene
4.0	357892 Calibration And Use Of The Multi-Gas Monitor (TMX 412)
1.0	35E003 Tank Farms Emergency Response Organization For Support Personnel - CBT

## **12.0 Qualifications**

Preferred candidates will have either a Construction Safety and Health Technician (CHST) or Occupational Health and Safety Technician (OHST) certification and an AA/AS.

Minimal qualifications, IHTs shall have a high school diploma or GED and at least two years of related experience for jobs similar to those for which they will be assigned at the Hanford Site or equivalency to the related experience and education requirements above.

## **13.0 Special Requirements**

### **Use of Government Vehicles**

One or more Subcontractor employees will have access to Government-furnished vehicles while performing this statement of work. Prior to initiating work the Subcontractor will need a valid driver's license. BTR to view license only.

### **Personal Protective Equipment (PPE)**

When required by WRPS to perform work duties, WRPS will provide Subcontractor personnel with the appropriate PPE such as hard hats, respiratory and non-prescription safety glasses/goggles.

The Subcontractor shall be responsible for providing any personal-wear items such as prescription safety glasses and footwear appropriate for work location(s), e.g. ankle top leather/steel-toed boots) required for meeting WRPS safety requirements.

IHTs must be able to wear SCBA and/or required respiratory equipment for area of work.

## **14.0 Reporting/Administration**

IHTs to attend on-site Safety meetings and other meetings, as required. Employee Job Task Analysis will be completed for each IHT.

## **15.0 Workplace Substance Abuse Program Requirements**

The Subcontractor's Workplace Substance Abuse Program applies to this SOW.