

STATEMENT OF WORK

Requisition #: 285024

Title: SST RETRIEVAL IHT/HPT SUPPORT

Revision Number: 0

Date: 12/07/2015

Prior SOW or Revision Date: N/A

1.0 Objective

The primary objective of this request is to obtain contracted Industrial Hygiene Technicians (IHTs) and Health Physics Technicians (HPTs) 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. The IHT and HPT positions will be focused on field activities related to the Single Shell Tank (SST) Retrievals organization and 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 and HPTs to augment the current cadre of IHTs and HPTs employed at the Hanford Site. While on site, as co-employees of WRPS, IHTs and HPTs 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 and HPTs are working.

3.1 Subcontractor IHT and HPT 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 and HPTs including:

- a. Providing resumes for IHTs and HPTs when requested by Buyer,
- b. Providing area information (housing, shopping, training requirements, hours of work, etc.) to incoming IHTs and HPTs,
- c. Coordination with the Buyer to schedule IHTs HPTs 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 & HPT Duties

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.

HPT Duties:

Provide contamination and radiation exposure control. Perform radiological surveys in accordance with established procedures. Duties may include working with routine and/or special detection equipment and may require use of respiratory protection. The work locations include both indoor and outdoor assignments in an industrial setting. Additional work may be assigned by Buyer to include: special studies in the evaluation of radiological protection for personnel, environmental, or plant areas; participate in area-specific radiation worker qualification and requalification programs; prepare and maintain records and documentation as appropriate; and provide assistance in the preparation of radiation control documents such as Radiation Work Permits (RWP), survey sheets, procedural documentation, etc. Workers are to follow the HAMTC Labor Agreement including work schedules 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 and HPTs 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 and HPTs 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 and HPT candidates will present documented evidence of current exposure records.

Buyer reserves the right to reject any IHT or HPT 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 and HPT shall be provided to the Buyer prior to IHT or HPT candidates being assigned to work at the Hanford Site.

5.1 Buyer Administered Testing for HPTs Only

All HPTs must pass a test designed to prove reasonable assurance of requisite qualifications. NRRPT registered HPTs will not be required to take the prerequisite Fundamentals test.

With the exception of NRRPT certified HPTs, a comprehensive pre-work assignment written fundamentals exam will be administered to each HPT upon arrival at the Hanford Site. An exam score of 80% or better is necessary to be accepted for work assignment. Reimbursement for one-way travel to the Hanford Site and HPT labor charges incurred during the testing will be made after acceptance of the HPT for work by Buyer. All travel and labor charges will be borne by the Subcontractor if the Buyer does not accept the HPT for work assignment.

The exam covers both the theory and the application of radiation protection concepts and principles. It consists of math calculations, short answer and multiple-choice questions. Calculators are required, but are not provided by Buyer. A listing of formulas is included with the exam. HPTs will be given four hours to take the exam. The exam has approximately 150 questions. If requested, Buyer will provide to the Contractor, a practice exam similar to the comprehensive pre-employment exam. Study materials can be obtained through the following web site: <http://tis.eh.doe.gov/whs/rhmwp/rst/rct2.htm>

Upon acceptance for work, Buyer will interview the individual to determine additional training needs based on the individual's work assignment. Buyer will provide this training at no cost to the Contractor.

6.0 Configuration Management and Standards

6.1 Configuration Management Requirements

Configuration management requirements for this Release are based upon the types of engineering services being procured and include the TOC standards listed in Section 6.2 *Applicable Standards* and the statements below.

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 or HPT 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 or HPT.

HPT must complete the following initial qualification courses in any order or concurrently:

- RCT Fundamental Academics (Course 022040)
- RCT Site Academics (Course 022004)

HPT must complete an Oral Evaluation Board (Course 022045).

11.1 IHT and HPT Evaluation

Buyer will evaluate any and all training and qualification of each IHT and HPT prior to authorizing work and throughout work performance. The Buyer will have the final determination regarding any IHT or HPT 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 or HPT 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

11.2 HPT Training Profile

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
	5058	TOC Minimum Respiratory Requirements
		020030 SCOTT SCBA
		020044 Quantitative Mask Fit
		MSA TL PAPR Facepiece/Hood
		MSA Ultra Elite Air Purifying Respirator (APR)
		3M Breathe Easy PAPR Hood
	5036	TOC Respirator User
		020066 Respiratory Knowledge-Based Initial
	5041	TOC Supplied Air Respirator Face Pieces AV3000
		020538 SCOTT AV 3000 Air Purifying Respirator (APR)
	5406	TOC Tank Farm Waste Worker Core
		351569 TOC Hazardous Waste Transport Overview General
		358001 TOC HGET – CBT

12.0 Qualifications

12.1 IHT 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.

12.2 HPT Qualifications

HPTs shall have a high school diploma or equivalent and at least three years of related experience for jobs similar to those for which they will be assigned at the Hanford Site. Specifically, each HPT must meet the education and experience requirements as stipulated in DOE 5480.20A, Chapter II.

Registration under the National Registry of Radiation Protection Technologists (NRRPT) provides equivalency to the related experience and education requirements above. The combination of related experience and education must be sufficient to meet equivalency with the DOE Core Training requirements for HPTs.

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 present the employee(s) valid driver's license to the BTR for review.

14.0 Reporting/Administration

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

15.0 Workplace Substance Abuse Program Requirements

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