



## STATEMENT OF WORK Contract Radiological Control Technicians (CRCT)

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Revision 0

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### 1.0 INTRODUCTION / BACKGROUND

This contract is issued for the performance of Temporary Contract Radiological Control Technician (CRCT) services in support of Central Plateau Cleanup Company (CPCCo) work scope. The period of performance is contract award through December 31, 2023. CPCCo (Buyer) is a prime contractor to the Department of Energy (DOE) and all work on this Statement of Work (SOW) will be performed in support of the Central Plateau Cleanup Contract with DOE.

### 2.0 DESCRIPTION OF WORK – GENERAL

The Contractor shall provide, and coordinate the administration of, fully qualified individuals to perform as CRCTs to augment the current cadre of Radiological Control Technicians (RCTs) employed at the Hanford Site. While on site, CRCTs shall be governed by the CPCCo safety, security, and other work requirements as identified in the contract terms or operating procedures of the facility where the CRCTs are working. Contractor personnel will work in CPCCo facilities, use CPCCo equipment, and be directed by CPCCo staff.

Work shall be authorized on a task-by-task basis through the issuance of contract releases.

### 3.0 DESCRIPTION OF WORK – SPECIFIC

The work scope for this activity includes the resources, material and/or equipment necessary to accomplish the following Buyer activities:

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 CPCCo to include:

- A. Special studies in the evaluation of radiological protection for personnel, environmental, or plant areas
- B. Participate in area-specific radiation worker qualification and requalification programs
- C. Prepare and maintain records and documentation as appropriate
- D. Provide assistance in the preparation of radiation control documents such as Radiation Work Permits (RWP), survey sheets, procedural documentation, etc.
- E. Attend critiques and In-Progress as low as Reasonably Achievable (ALARA) Review's (IPAR) at CPCCo Rad Manager Direction as a work assignment.

Workers are to follow the HAMTC Labor Agreement including work schedules which are expected to be either four 10-hour days per week or a 9/8 schedule where personnel work eight 9-hour days and one 8-hour day in a two-week period.

### **3.1 CRCT Coordination**

The Contractor shall provide an individual(s) to perform on-site coordination activities. The Contractor'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 CRCTs including:

- F. Providing resumes for CRCTs when requested by authorized CPCCo personnel,
- G. Providing area information (housing, shopping, training requirements, hours of work, etc.) to incoming CRCTs,
- H. Coordination with the CPCCo to schedule CRCTs for initial testing, badging, training, etc., (negative drug screen documentation),
- I. Providing work schedules and assignment locations to CRCTs,
- J. Providing appropriate personnel dosimetry records to appropriate site personnel for arriving personnel,
- K. Coordination of disciplinary actions, if required, for CRCT(s),
- L. Coordination of CRCT dismissal, as required.

### **3.2 Acceptance Criteria**

Any issues of the CRCT performance will be communicated to the Subcontractor for correction. Failure to affect adequate performance correction may result in CPCCo request for the Contractor to replace the CRCT.

#### **3.2.1 CPCCo Administered Testing**

All CRCTs must pass a test designed to prove reasonable assurance of requisite qualifications. National Registry of Radiation Protection Technologists (NRRPT) registered CRCTs or CRCTs possessing proof of a DOE Fundamental Academics card from another DOE Site will not be required to take the prerequisite Fundamental Academics examination.

With the exception noted above, a comprehensive pre-work assignment written Fundamental Academics examination will be administered to each CRCT upon arrival at the Hanford Site, which is only conducted on Mondays and Wednesdays. An exam score of 80% or better is necessary to pass and be accepted for work assignment. CRCTs will be allowed no more than three (3) attempts to pass the exam. CRCT labor charges incurred prior to and during the testing are not billable, whether accepted by CPCCo for work or not. All labor charges will be borne by the Subcontractor until acceptance for work by CPCCo and CRCT either begins Hanford General Employee Training (HGET) or report to Human Resources (HR), whichever comes first.

The pre-acceptance exam covers comprehensive core fundamental academics. It consists of math calculations, short answer and multiple-choice questions. Calculators are required but will not be provided by CPCCo. A listing of formulas is included with the exam. CRCTs will be given four hours to take the exam. The exam has approximately 150 questions. If requested, CPCCo will provide to the Contractor, a practice exam similar to the comprehensive pre-acceptance exam. Study materials can be obtained through the following web site and may also be obtained from the BTR:

<https://www.energy.gov/ehss/radiation-safety-training-materials>

Upon acceptance for work, a Site Academics examination which contains the Hanford applied health physics practices will be administered following a material review period. After successful completion of the Fundamental and Site Academics examinations, CPCCo will interview the individual to determine additional training needs based on the individual's work assignment. CPCCo will provide this training at no cost to the Contractor.

### **3.2.2 CRCT Evaluation**

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

- A. Review of CRCT resumes, certifications, and drug screening tests
- B. Written examination at the Hanford Site to verify appropriate knowledge level per Section 3.2.1
- C. The specific job duties the CRCT will be required to perform
- D. Training in Hanford procedures and equipment associated with the authorized duties
- E. Training in recent operating experience
- F. Observation of on-the-job performance by CPCCo.

### **3.2.3 Exposure Levels**

CPCCo reserves the right to reject any CRCT candidate if that candidate has had more than 1000 mrem of exposure during the calendar year. Additionally, CPCCo 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 CRCT shall be provided to the CPCCo prior to CRCT candidates being assigned to work at the Hanford Site.

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

In accordance with the contract clause "Screening Test for Illegal/Unauthorized Substances," CRCTs 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, CRCTs are

subject to drug testing under the CPCCo program. Costs of drug testing while on the Hanford Site will be paid by CPCCo.

### **3.3 Organizational Interfaces**

The Contractor shall interface with various CPCCo (and other) organizations through the CPCCo Contract Specialist (or designee), as required. The primary interfaces are as follows:

- A. Contract and Invoicing Matters: CPCCo Contract Specialist
- B. Primary Technical Contact: CPCCo Buyer's Technical Representative (BTR)
- C. Facility Access Requirements: CPCCo Facility/Building Administrators

### **3.4 Work Not Included**

The Contractor is not required to monitor compliance with the CPCCo Collective Bargaining Agreement with the Hanford Atomic Metal Trades Council (HAMTC). Through its agreement with HAMTC, CPCCo will be responsible for monitoring, communicating, and ensuring compliance with its HAMTC collective bargaining agreement.

### **3.5 Buyer Furnished Materials and Equipment**

The CPCCo will furnish the required radiological protection/detection materials, equipment, and facilities at no cost to the Contractor for use in performing this work scope. CPCCo will provide contractor personnel with the appropriate Personal Protective Equipment (PPE) such as hard hats and non-prescription safety glasses/goggles. Winter gear is not PPE and will not be provided but may be needed for outdoor work during winter months.

### **3.6 Site Conditions and Known Hazards**

Site conditions and/or hazards are evaluated and mitigated at the time the performance of services are to occur. The Job Task Analysis and other evaluations will take place and compensatory safety measures will be applied on a job-specific basis.

### **3.7 Site Coordination Requirements**

Contractor site coordination and interface requirements include those as required by this SOW and the BTR.

## **4.0 TECHNICAL REQUIREMENTS**

Contractor will perform in accordance with the terms and conditions of this contract, CPCCo internal policies and procedures, and quality assurance provisions, including safety programs, laws, orders, permits, rules, confidentiality of information and intellectual property safeguards.

### **4.1 Work Location / Access Requirements**

CPCCo will designate the work location and work schedule at the time of request for services. It is expected that Contractor will be in locations primarily around various facilities in the 100 Area, 200 East Area, 200 West Area, 400 Area, 600 Area, and other areas of the Hanford site providing services to CPCCo facility site locations in support of CPCCo work. Typical work

locations are approximately 25 miles one way but may be up to 40 miles one-way from North Richland.

## **5.0 PERSONNEL REQUIREMENTS**

### **5.1 Training and Qualifications**

- A. The Contractor is expected to provide appropriately trained and qualified staff to perform the type of work associated with their skill of craft at the Hanford site. Contractor shall maintain Contractor-company and regulatory required certifications and qualification for personnel. Contractor shall provide reasonable assurance that the Contractor has assigned personnel with sufficient documented training, education, and experience to satisfy the specified requirements
- B. CPCCo shall provide Contractor staff task or facility specific training as required for site and facility access and safe performance of assigned tasks.
- C. CRCTs shall have a high school diploma or equivalent and at least one year of related experience for jobs similar to those for which they will be assigned at the Hanford Site. Specifically, each CRCT must meet the education and experience requirements as stipulated in DOE 5480.20A, Chapter II.
- D. Registration under the 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 RCTs.

### **5.2 Security and Badging Requirements**

For any on site work, general site access badging is required. All Contractor staff that require routine access to the Hanford Site supporting this Work shall complete the requisite Hanford-site training and obtain a site badge in accordance with the Contract. Foreign Nationals shall not be considered for Hanford site work.

### **5.3 Site Access and Work Hours**

Work shall be done on a 4 x 10 schedule. The standard workday consists of ten (10) hours of work between 6:00 AM and 4:30 PM, with one-half hour designated as an unpaid period for lunch. No work occurs on the non-working Fridays. If schedule alternative is required, BTR will communicate to Contractor's point of contact.

## **6.0 ENVIRONMENTAL, SAFETY, HEALTH, AND QUALITY REQUIREMENTS**

The Contractor 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 work. The Contractor shall comply with, and assist Buyer in complying with, Environmental, Safety, Health, and Quality (ESH&Q) requirements of all applicable laws, regulations, and directives.

Materials supplied or purchased for use in performance of this contract, to the maximum extent practical, shall be environmentally preferred as described in 40 CFR 247 and including Biobased products as designated by the USDA (see [www.biopreferred.gov](http://www.biopreferred.gov)).

The following project-specific ESH&Q requirements are applicable to this scope of work in addition to the requirements identified in the Contract [General Provisions](#) and, when work is being conducted on site, the additional ESH&Q requirements in *Special Provisions – On Site Services* ([SP-5](#)) should be followed.

## **7.0 MEETINGS AND SUBMITTALS**

### **7.1 Meetings**

Contractor shall participate in the following meetings:

- A. Kickoff Meeting
- B. Status and performance meetings as required.

### **7.2 Submittals**

Individual tasks (releases) will provide details as to specific service required, where the work is to be performed, and applicable work schedule. If requested by the BTR, the Contractor shall provide reports to document tasks completed and any events encountered.

## **8.0 DELIVERABLES, PROJECT CONTROLS, MILESTONES, AND PERFORMANCE SCHEDULE REQUIREMENTS**

Not applicable to this SOW. Tasks will be assigned on a day-to-day basis, with the Subcontractor CRCTs efforts managed by the CPCCo.