

STATEMENT OF WORK

Requisition #: 281206

Title: Mobile Lab Trailer

Revision Number: 0

Date: August 4, 2015

Prior SOW or Revision Date: N/A

1.0 Objective

Procure one (1) 24 FT by 60 FT double-wide mobile lab trailer for 222-S personnel to perform SUMMA analysis.

2.0 Background/Introduction

The 222-S Laboratory Complex was first constructed in the early 1950s. For over 60 years the 222-S Laboratory has been a full-service analytical facility handling highly radioactive samples for purposes of organic, inorganic, and radiochemical analyses as well as low-level and non-radioactive samples.

In October of 2014 the Savannah River National Laboratory issued the Hanford Tank Vapor Assessment Report. One of the recommendations included in the report was to increase respiratory protection requirements in the single-shell and double-shell tank farms. In support of ongoing efforts to fully analyze the chemical vapors effects on workers in the tank farms, the 222-S Laboratory has expressed the need for additional laboratory space for processing SUMMA air samples. The samples are taken in an employee's breathing zone at the time of a chemical vapor concern or detection.

Herein after Washington River Protection Solutions, LLC shall be referred to as the "Company" and the trailer vendor/manufacture shall be referred to as the "Subcontractor."

3.0 Scope

The Subcontractor shall be responsible for designing, fabricating, delivering, and temporary staging of one (1) 24 FT by 60 FT double-wide mobile lab trailer. This scope **does not** include trailer set-up at the site. The mobile lab trailer must be a band new (not previously used) facility. The floor plan shall be similar to that shown on the sketch provided as Attachment 1. In no case shall applicable codes be violated as a result of incorporating the details or notes from the sketch provided.

The design shall be performed in accordance with this Statement of Work (SOW) and RPP-SPEC-60477, *Mobile Lab Trailer Procurement Specification*. Fume hoods and other equipment to be procured and installed by others.

The Subcontractor shall provide complete units and transport units to the Hanford Site **with a delivery date no later than January 31, 2016.**

4.0 Submittals

In support of the work scope established in Section 3.0 above, submittals are listed on the Master Submittal Log (MSL).

Submittals shall be provided using the TOC Incoming Letter of Transmittal (form A-6005-315). All transmittal subject headings shall contain, at a minimum, the subcontract number, submittal number, and submittal description.

Submittals shall be provided in electronic format unless available only as a hard copy. Electronic submittals may be sent to WRPSCCDocControl@rl.gov or delivered via a WRPS designated File Transfer Protocol (FTP) site. Electronic formats must be non-password protected in one of the following formats:

- Microsoft® Office Compatible
- Portable Document Format (PDF)
- Joint Photographic Experts Group (JPEG)
- AutoCAD (DWG).

5.0 Acceptance Criteria

Unless otherwise approved by the Company, all electrical control panels and electrical equipment [a general term including material, fittings, devices, appliances, luminaries (fixtures), apparatus, and the like, used as a part of, or in connection with, an electrical installation] delivered or brought onto the site in performance of this subcontract must be listed or labeled by an organization currently recognized by OSHA as a nationally recognized testing laboratory.

The Subcontractor shall submit a detailed description (catalog cut sheets, SDSs, etc.) of all materials and equipment prior to installation for Company approval in accordance with the MSL. The information shall include colors and samples as applicable.

All items and processes are subject to review, inspection, or surveillance by the Company at the Subcontractor's facilities, or any lower-tier manufacturing facilities.

The 100% complete mobile facility shall comply with Chapter 296-150F WAC and be tagged with the Washington State Gold Insignia at the manufacturer's plant by the Washington State Department of Labor and Industries to ensure compliance with this regulation.

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 Company standards listed in RPP-SPEC-60477 and the statements below.

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

Design Analysis documentation shall include (1) through (6) below: (1) definition of the objective of the analysis; (2) definition of analysis inputs and their sources; (3) results of literature searches or other applicable background data; (4) identification of assumptions and indication of those that must be verified as the design proceeds; (5) identification of any computer calculation including computer type, computer program (e.g., name), revision identification, inputs, outputs, evidence of or reference to computer program verification and the bases (or reference thereto) supporting application of the computer program to the specific physical problem; (6) review and approval.

6.2 Applicable Standards

All applicable government and non-government documents can be found in RPP-SPEC-60477.

7.0 ESH&Q Requirements

7.1 Quality Assurance Requirements

The Subcontractor shall follow standard commercial quality practices. The Subcontractor shall be responsible for performing quality workmanship and shall incorporate the quality control measure necessary to ensure work conforms to drawings and specifications. All work shall be performed in accordance with the Subcontractor's Quality Control Program. The Company has the right to factory inspect the mobile lab trailer at any time prior to delivery onsite.

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

Access to the Hanford Site is required for delivery of items only.

8.0 Verification/Hold Points

A factory inspection will be conducted during fabrication of the trailer. The Subcontractor is to notify the Company a minimum of two (2) weeks in advance to schedule the inspection.

A final inspection will be conducted by a Company Representative to confirm compliance with design, codes, standards, this SOW, RPP-SPEC-60477, and the WA L&I approved drawings before the units are delivered to the Hanford Site. The final inspection may be performed locally (Richland-Pasco-Kennewick) following manufacturing and prior to delivery onsite.

9.0 Reserved

10.0 Work Location/Potential Access Requirements

The primary work location will be the Subcontractor's home location and manufacturing facility. Delivery of the mobile lab trailer shall be to the Hanford Site 200W Area. Contact the Company Representative a minimum of 48 hours in advance of delivery.

11.0 Training

The Subcontractor is expected to provide appropriately trained and qualified staff to perform the type of work specified in this SOW. This shall include necessary expertise and training including necessary continuing training programs to assure Subcontractor personnel maintains a current understanding of laws, requirements, and industry standards. The Subcontractor shall maintain company and regulatory required certifications and qualifications for personnel.

12.0 Qualifications

All drawings and calculations shall be stamped by a Registered Professional Engineer with a current stamp in the State of Washington prior to fabrication completion. Subcontractor personnel shall have all appropriate training, experience, qualification, and/or certification(s). Documentation/certification of personnel qualifications shall be maintained by the Subcontractor and provided to the Company upon request. The Subcontractor shall provide reasonable assurance that the assigned personnel have sufficient documented training, education, and experience to satisfy the specified requirements.

13.0 Special Requirements

The Subcontractor shall be fully responsible for delivery of the mobile lab trailer from its fabrication site to its designated delivery location at Hanford **no later than January 31, 2016**. Any damages resulting from transporting the mobile lab trailer units will be repaired and/or replaced at the Subcontractor's expense.

The Subcontractor is responsible to provide a temporary anchoring system (typically consisting of ecology blocks and straps) to be installed after delivery onsite at the designated staging area. If the temporary anchoring system requires

Use of Government Vehicles

There is no anticipated need for any Subcontractor employees to use a Government-furnished vehicle in the performance of this SOW. The Subcontractor's employees, therefore, are specifically prohibited from driving any Government-furnished vehicles under the performance of this SOW unless this SOW is formally so modified by the parties and the employee(s) will present a valid driver's license to the Company for review.

14.0 Reporting/Administration

The Subcontractor is expected to notify the Company to schedule the in-process factory inspection at least two (2) weeks in advance and the final inspection at least 48 hours prior to delivery.

15.0 Workplace Substance Abuse Program Requirements

A Workplace Substance Abuse Program is not required for this SOW.

Attachment 1 – Proposed Trailer Layout
 Revised: 08/04/2015

