



United States Department of Agriculture

Agricultural Research Service

WORK STATEMENT

Removal, Characterization, Transportation, and Disposal of Unknown Compressed Gas Cylinders

1. Background

The U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), Pacific Basin Agricultural Research Center (PBARC), Hilo, Hawaii, requires contractor services to safely remove, characterize (if necessary), transport, and dispose of three (3) compressed gas cylinders with unknown contents (see Figure 1). The cylinders are legacy materials located in a USDA storage building and are no longer required for research operations.

Because the identity and condition of the gases cannot be confirmed by the Government, the contractor shall provide all technical expertise necessary to safely identify (when required), package, transport, and dispose of the cylinders in accordance with applicable federal, state, and local regulations.

2. Objective

Provide all labor, supervision, equipment, transportation, materials, permits, and technical expertise necessary to safely remove and dispose of three compressed gas cylinders with unknown contents from the USDA-ARS Pacific Basin Agricultural Research Center in Hilo, Hawaii.



Figure 1. Gas cylinders with unknown contents.

3. Scope of Work

The contractor shall provide all services necessary to complete the work, including but not limited to:

3.1 Project Coordination

- Coordinate work with the USDA Contracting Officer's Representative (COR).
- Schedule removal during normal business hours unless otherwise approved.

3.2 Cylinder Evaluation

Prior to removal, the contractor shall:

- Visually inspect each cylinder.
- Evaluate cylinder condition.
- Determine if additional characterization is necessary.
- Utilize appropriate non-destructive identification methods when practical.
- Develop appropriate handling procedures based on the observed hazards.

3.3 Removal

The contractor shall:

- Safely secure each cylinder.
- Disconnect or prepare cylinders for transport, if applicable.
- Package and label the cylinders in accordance with applicable regulations.
- Provide all lifting equipment, tools, PPE, and safety equipment.

3.4 Transportation

The contractor shall:

- Transport the cylinders from the USDA facility to an authorized treatment, recycling, or disposal facility.
- Provide all shipping containers, overpacks, packaging materials, and transportation equipment required.

3.5 Disposal

The contractor shall:

- Dispose of the cylinders at a properly permitted hazardous waste treatment, storage, recycling, or disposal facility.
- Comply with all applicable EPA, DOT, OSHA, State of Hawaii, and local regulations.

4. Contractor Requirements

The contractor shall:

- Furnish all labor, supervision, travel, transportation, equipment, PPE, materials, permits, and incidentals necessary to complete the work.
- Possess all licenses and permits required for hazardous material transportation and disposal.
- Employ personnel trained in compressed gas cylinder handling and hazardous materials management.
- Follow industry best practices for handling cylinders with unknown contents.
- Be responsible for worker safety throughout the project.

5. Government-Furnished Information

The Government will provide:

- Access to the storage building.
- Identification of the three cylinders requiring removal.
- A point of contact for site coordination.

The Government cannot verify:

- Gas identity.
- Cylinder pressure.
- Fill status.
- Internal condition.

The contractor shall assume responsibility for determining appropriate handling procedures based upon field evaluation.

6. Deliverables

The contractor shall provide:

- Removal of three compressed gas cylinders.
- Documentation that disposal was completed at an authorized facility.
- Any transportation documentation required by applicable regulations.

7. Site Visit (Optional but Encouraged)

Contractors are encouraged to conduct a site visit prior to submitting a quote to inspect the gas cylinders and evaluate site conditions. The site visit is intended to allow contractors to assess access, handling requirements, and any potential hazards associated with the cylinders' condition and unknown contents. All visits shall be coordinated through the Contracting Officer's Representative. The Government will provide access to the storage building and identify the cylinders requiring removal. Contractors are responsible for determining any additional information necessary to prepare their quotation.

8. Place of Performance

USDA-ARS Pacific Basin Agricultural Research Center
64 Nowelo Street
Hilo, HI 96720

The cylinders are located in an easily accessible storage building.

9. Period of Performance

The contractor shall complete all work within 60 calendar days after receipt of the Notice to Proceed unless otherwise approved by the Contracting Officer.

10. Acceptance Criteria

Work will be considered complete when:

- All three cylinders have been removed from USDA property.
- The work area has been left clean and free of debris.
- Disposal documentation has been provided to the COR.
- All work has been performed in compliance with applicable regulations.

11. Applicable Regulations

The contractor shall comply with all applicable requirements, including but not limited to:

- Resource Conservation and Recovery Act (RCRA)
- Hazardous Materials Regulations (49 CFR Parts 171–180)
- OSHA regulations (29 CFR 1910)
- EPA hazardous waste regulations
- State of Hawaii hazardous waste regulations
- Any additional federal, state, or local requirements applicable to compressed gas cylinders with unknown contents.