# Halon 1301 System Cylinder Refurbishment/Re-certification (FY26)
# Statement Of Work (SOW)

## 2.1 INTRODUCTION:

The Defense Logistics Agency (DLA) is assigned to the mission of managing the Defense Reserve of Ozone Depleting Substances (ODS) to ensure that the supplies for mission critical uses are available. DLA provides central management of ODS at the Department of War ODS Reserve Program Office located at DLA Weapons Support-Richmond 6090 Strathmore Rd, Richmond, VA 23237.

## 2.2 SCOPE/OBJECTIVE:

The contractor must provide all services and any associated materials in accordance with all requirements specified in this SOW and the Request for Quote (RFQ) solicitation. The contractor must make all shipping arrangements and will be responsible for all shipping costs associated with the pick-up of the cylinders from the Defense Depot Richmond VA (DDRV) and the return shipment of all cylinders to DDRV. The government will provide resources to load and unload the contractor's trucks at DDRV. All work except the loading and unloading of trucks at DDRV, must be performed at the contractor's facility.

## 2.3 DESCRIPTION OF WORK:

### 2.3.1 TURN-IN CYLINDERS

The Contractor must transport the following government Halon 1301 System Cylinders, and the government furnished cylinders containing the Halon 1301 for recharging the system cylinders from DDRV to this facility to perform refurbishment and re-certification:

| Line Item | NSN | Make | Capacity | Unit of Issue | Condition |
|---|---|---|---|---|---|
| 0001 | 6830-01-171-7361 | Ansul | 10 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-221-2192 | Ansul | 15 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-252-2428 | Ansul | 60 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-196-8338 | Ansul | 95 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-140-6150 | Ansul | 125 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-238-7035 | Ansul Non-Mag | 15 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-059-5656 | Ansul Non-Mag | 60 lb. | EA | Empty (C/C "G") |
| 0001 | 6830-01-059-5657 | Ansul Non-Mag | 95 lb. | EA | Empty (C/C "G") |
| 0002 | 6830-01-073-6543 | Kidde | 10 lb. | EA | Empty (C/C "G") |
| 0002 | 6830-01-284-5852 | Kidde | 15 lb. | EA | Empty (C/C "G") |
| 0002 | 6830-01-294-4455 | Kidde | 60 lb. | EA | Empty (C/C "G") |
| 0002 | 6830-01-302-2555 | Kidde | 95 lb. | EA | Empty (C/C "G") |
| 0002 | 6830-01-275-1637 | Kidde | 125 lb. | EA | Empty (C/C "G") |

The government furnished Halon 1301; Type II cylinders supplied for recharging the system cylinders will be provided in 1,240 lb. cylinders under NSN 6830-01-392-5017. All government furnished Halon 1301 must be properly accounted for and all empty/partially full cylinders must be returned to DDRV within 365 days from the date of contract award. The contractor must


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include a DD form 250 (DD Form 250) with each shipment of empty/partially full cylinders using the NSN shown below:

FULL
6830-01-392-5017 (1,240 lbs.)

EMPTY/PARTIALLY FULL
8120-01-356-5961

The Contractor is required to coordinate the pickup of all cylinders by contacting the designated individuals in the ODS Reserve Program Office at least two (2) weeks in advance of the initial pick up and each subsequent pick up of cylinders. The contractor will be responsible for all shipping costs for the pickup and return of the cylinders. The government will provide resources to load and offload trucks.

The designated individuals in the ODS Reserve Program Office to contact for the pickup of the Halon 1301 cylinders are as follows:

Contact Cell: To be Determined (TBD) at time of award
Primary Contact: TBD at time of award
Alternate Contact: TBD at time of award

**DELIVERABLES:**
2.3.1.1 Execute shipping of Turn-In system cylinders from DLA Richmond to Contractor
2.3.1.2 Execute shipping of Government Furnished Halon 1301 from DLA Richmond to Contractor

**2.3.2 REFURBISHMENT**
The Contractor must provide all parts (including O-rings, actuators, gauges, etc.) and all labor to remove, clean and refurbish government valves manufactured by Ansul and Kidde, provide all labor and equipment to perform all phases of cylinder inspection and re-qualification (including inspection of exterior, preparing surface and applying primer, remove valve, inspect interior, clean interior if required, hydrostatic test, install valve and paint) and provide all labor and equipment to fill (recharge) cylinders with government furnished Halon 1301 provided in government-owned cylinders. All O-rings, springs, hardware, software, and/or other parts provided with a rebuild kit from the cylinder manufacturer must be utilized and replaced in each valve every time a valve is rebuilt. If any additional hardware or rebuild kits are needed for the valves, they must be furnished and paid for by the Contractor.

All Ansul cylinders would be required to have all actuator assemblies replaced with new assemblies supplied by the manufacturer.

The Contractor must provide operational testing on 100% of the valves rebuilt or replaced with new/different valves for every system cylinder that is assembled, ensuring each valve actuates and functions properly.


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The Contractor must provide a report to the government of every valve tested including, but not limited to: system cylinder serial number and NSN valve was installed in, valve type (new, rebuilt, replaced), testing result (pass/fail), description of any cause of failure, corrective actions taken if failed, and documentation of testing after any corrective actions.

Valves that fail inspection will be replaced by the Contractor with new valves supplied to them by the manufacturer. DLA would provide funding for any valves and the labor to have Contractor install them. This would be done on a case-by-case basis and only after DLA approval for every cylinder. The Contractor must make any valves deemed unrepairable available to DLA for inspection upon DLA request.

All work must be performed in accordance with MIL-STD-101C, MIL-STD-1411C. All parts listed as mandatory or required in US Navy Technical Repair Standard shall be replaced:

- S9555-A6-TRS-010 applicable Ansul repair standards
- S9555-AT-MMA-010 applicable Kidde repair standards

**DELIVERABLES:**

2.3.3.1 Complete refurbishment/recertification of system cylinders
2.3.3.2 Provide testing on 100% of the valves rebuilt or replaced with new/different valves for every system cylinder that is assembled.
2.3.3.3 Provide documentation to the government of valve testing.
2.3.3.4 Replace every actuator assembly on all Ansul system cylinders.
2.3.3.5 Replace any unusable or missing valve and/or pickup tube.

**2.3.2A MISCELLANEOUS PARTS REPLACEMENT**

DLA has acquired many cylinders that have actuators that may not be functional and need to be replaced to ensure the cylinder will function properly. The Contractor shall provide enough new actuator assemblies supplied to them by the manufacturer for all questionable cylinders.

DLA has also acquired many cylinders with obsolete or missing valves and/or pickup tubes. The Contractor shall provide enough new valve assemblies with actuator assembly supplied to them by the manufacturer to make all cylinders available for refurbishment. The Contractor shall also provide pickup tubes for any cylinders that have damaged or missing pickup tubes.

Contractor-Furnished Repair Parts and Materials:

The Contractor shall furnish all necessary repair parts, components, and consumable materials required to successfully execute the tasks outlined in this Statement of Work (SOW). The provision of these parts is inclusive of the overall firm-fixed price (FFP) agreed upon for the designated material Contract Line-Item Number (CLIN).

All Contractor-furnished repair parts and materials shall be accounted for and billed under the designated FFP CLIN X003. The fixed price for this CLIN establishes fixed unit prices for specific parts listed in the Parts Tables below.


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Approval and Authorization - The Contractor shall not provide any individual repair part or material aggregate exceeding the Unit Price established in the Price Sheet without prior written authorization from the Contracting Officer's Representative (COR) or the Contracting Officer (KO). The Contractor must submit a parts estimate, including lead times and price quotes, to the COR for review and approval prior to purchase, if applicable.

Unless otherwise specified or approved in writing by the COR, all repair parts provided by the Contractor shall be new, Original Equipment Manufacturer (OEM) parts. The use of refurbished, aftermarket, or substitute parts requires explicit, prior written consent from the COR to ensure they meet the Government's form, fit, and function requirements.

The Contractor assumes full responsibility for all costs associated with the procurement, shipping, handling, and integration of the required parts. The Government shall not be liable for any material cost overruns, expedited shipping fees, or vendor price increases experienced by the Contractor beyond the firm-fixed price established in this contract.

Invoicing for repair parts shall be submitted in accordance with the billing schedule established for the FFP CLIN. Because this is a Firm-Fixed Price line item, the Contractor is not required to submit vendor invoices, receipts, or proof of actual material costs to the Government for payment processing.

**Table 1 – Ansul Parts**

| # | **Misc. Part Description** | **Part Number** |
|---|---|---|
| 1 | Ansul 10 lb. | 6830-01-171-7361 |
| 2 | Ansul 15 lb. | 6830-01-221-2192 |
| 3 | Ansul 60 lb. | 6830-01-252-2428 |
| 4 | Ansul 95 lb. | 6830-01-196-8338 |
| 5 | Ansul 125 lb. | 6830-01-140-6150 |
| 6 | Ansul Non-Magnetic 15 lb. | 6830-01-238-7035 |
| 7 | Ansul Non-Magnetic 60 lb. | 6830-01-059-5656 |
| 8 | Ansul Non-Magnetic 95 lb. | 6830-01-059-5657 |
| 9 | Ansul Actuator Assembly | Part 52719 |
| 10 | Ansul Valve Assembly | Part 77654 |
| 11 | Ansul Siphon Tube Assembly125lb | Part 35346 |
| 12 | Ansul Siphon Tube Assembly 95lb | Part 35345 |
| 13 | Ansul Siphon Tube Assembly 60lb | Part 35344 |
| 14 | Ansul Siphon Tube Assembly 10 & 15lb | Part 35343 |


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**Table 2- Kidde Parts**

| # | Misc. Part Description | Part Number |
|---|---|---|
| 1 | Kidde 10 lb. | 6830-01-073-6543 |
| 2 | Kidde 15 lb. | 6830-01-284-5852 |
| 3 | Kidde 60 lb. | 6830-01-294-4455 |
| 4 | Kidde 95 lb. | 6830-01-302-2555 |
| 5 | Kidde 125 lb. | 6830-01-275-1637 |
| 6 | Kidde Valve Assembly | Part 486143 |
| 7 | Kidde Actuator Assembly | Part 877783 |
| 8 | Kidde Siphon Tube (10&15lb.) | Part 283534 |
| 9 | Kidde Siphon Tube (60&95lb.) | Part 260629 |
| 10 | Kidde Siphon Tube (125lb.) | Part 293720 |

See the Price sheet for Base Year quantities and the estimated amounts for all option years. Contractor will need to provide a per unit price for all required parts associated with CLIN X003. See price sheet for complete details.

**2.3.3 READY FOR ISSUE (RFI)**
Complete system cylinder assemblies must have an actuator, protective caps and anti-recoil devices, and Halon charge in accordance with above standards. Final markings must be in accordance with the latest revision of MIL-STD 129 and identified with appropriate NSN cited below, Condition Code "A" (fully refurbished, filled and ready for issue). All return shipments must be palletized according to size as follows:

- 10 and 15-pound cylinders: vertically palletized 20 EA to a pallet.
- 60, 95, and 125-pound cylinder: horizontally palletized 12 EA to a pallet.

All cylinders will be packaged (banded, blocked, braced, etc.) in compliance with Department of Transportation (DOT) shipping regulations. All empty/partially filled government furnished Halon 1301 cylinders must be returned to DDRV within 365 days from the date of contract award. The Contractor must be responsible for all shipping costs for the pick-up and return of the cylinders.

The Contractor must send a DD-250 with each shipment of cylinders identifying the product, NSN and quantity of cylinders. The Contractor will also provide a Cylinder Fill Log to document data including, but not limited to pallet reference number, individual pallet shipping weight, cylinder DOT date, cylinder serial number, valve inspection, cylinder tare weight, cylinder full weight, halon weight, fill date, DD250 number, batch number, and date shipped.

The government will provide resources to load and offload trucks. The government will only accept cylinders that are leak-free, of correct weight, within an acceptable pressure range, and that are marked correctly. The contractor must be required to provide recovery services or adequate consideration for the recovery of product from any leaking cylinders received at DDRV.


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Refurbished/recharged/re-certified cylinders must be marked with the following NSN:

| NSN | Make | Capacity | Unit of Issue | Condition |
|---|---|---|---|---|
| 6830-01-171-7361 | Ansul | 10 lb. | EA | Full (C/C "A") |
| 6830-01-221-2192 | Ansul | 15 lb. | EA | Full (C/C "A") |
| 6830-01-252-2428 | Ansul | 60 lb. | EA | Full (C/C "A") |
| 6830-01-196-8338 | Ansul | 95 lb. | EA | Full (C/C "A") |
| 6830-01-140-6150 | Ansul | 125 lb. | EA | Full (C/C "A") |
| 6830-01-238-7035 | Ansul Non-Mag | 15 lb. | EA | Full (C/C "A") |
| 6830-01-059-5656 | Ansul Non-Mag | 60 lb. | EA | Full (C/C "A") |
| 6830-01-059-5657 | Ansul Non-Mag | 95 lb. | EA | Full (C/C "A") |
| 6830-01-073-6543 | Kidde | 10 lb. | EA | Full (C/C "A") |
| 6830-01-284-5852 | Kidde | 15 lb. | EA | Full (C/C "A") |
| 6830-01-294-4455 | Kidde | 60 lb. | EA | Full (C/C "A") |
| 6830-01-302-2555 | Kidde | 95 lb. | EA | Full (C/C "A") |
| 6830-01-275-1637 | Kidde | 125 lb. | EA | Full (C/C "A") |

**DELIVERABLES:**

2.3.3.1 Provide system cylinders with all components, proper paint and markings, and palletized as specified.

2.3.3.2 Provide required documentation with shipment from Contractor to DLA Richmond.

**2.4 QUANTITIES PER YEAR:**

| NSN | Make | Capacity | Expected Qty | Condition |
|---|---|---|---|---|
| 6830-01-171-7361 | Ansul | 10 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-221-2192 | Ansul | 15 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-252-2428 | Ansul | 60 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-196-8338 | Ansul | 95 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-140-6150 | Ansul | 125 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-238-7035 | Ansul Non-Mag | 15 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-059-5656 | Ansul Non-Mag | 60 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-059-5657 | Ansul Non-Mag | 95 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-073-6543 | Kidde | 10 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-284-5852 | Kidde | 15 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-294-4455 | Kidde | 60 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-302-2555 | Kidde | 95 lb. | See Schedule B Attachment | Full (C/C "A") |
| 6830-01-275-1637 | Kidde | 125 lb. | See Schedule B Attachment | Full (C/C "A") |

*****See Schedule B Description notes for complete details**


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**2.5 PERIOD OF PERFORMANCE (POP):**

| | |
|---|---|
| Base Period | 09/02/2026 – 09/01/2027 |
| Option Period 1 | 09/02/2027 – 09/01/2028 |
| Option Period 2 | 09/02/2028 – 09/01/2029 |
| Option Period 3 | 09/02/2029 – 09/01/2030 |
| Option Period 4 | 09/02/2030 – 09/01/2031 |

**2.6 REQUIRED DELIVERY SCHEDULE:**
All cylinders must be delivered within 365 days of the date of contract award.

**DELIVERABLES**:
**2.6.1** Deliver all system cylinders within 365 days of contract award.

**2.7 SHIPPING ADDRESS:**
All cylinders must be returned to the following address:

SW0400
DLA Distribution Richmond VA
ODS & HFC Cylinder Operations, Open Shed 6
6090 Strathmore Road
Richmond, VA 23237
The contractor must coordinate all deliveries with the individuals specified below:

Contact Cell: TBD
Primary Contact: TBD
Alternate Contact: TBD

Carriers making deliveries will use only Gate 13, located off State Route 150, Chippenham Parkway, 1/4 mile west of U.S. Highway 1 and 301, Strathmore Road/DDRV/DSCR Exit, between 8:00 AM and 12:00 Noon, Monday through Thursday, excluding holidays. Carriers should contact Cell: (937) 901-8379 upon arrival at the Depot.

An advance copy of the DD-250 must be emailed to the above individuals and the COR after the delivery appointment has been coordinated and scheduled.

**2.8 INSPECTION AND ACCEPTANCE:**
Inspection and acceptance must take place at destination and will begin upon shipment arrival. System Cylinders must be allowed up to 48 hours for acceptance to allow time to settle from shipping. Acceptance must be dependent upon compliance with leak and weight standards as described in the attached Warranty Plan for this contract. The government must make the Contractor aware of any non-conforming cylinders, which must be returned to the Contractor for repair or replacement if corrections cannot be made at the destination. The Contractor will coordinate with the Government COR and will adjust the DD-250 to remove the full charge for any cylinder not accepted during the inspection and acceptance process.


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**2.9 WARRANTY:**
The Contractor must provide a prorated warranty on all refurbished system cylinders that have been received within the previous 12 months and will manage warranties in accordance with attached Warranty Plan (See section 2.12 for attachment and complete details) for this contract.

The government COR must provide the Contractor with regular warranty reporting in accordance with the Warranty Plan.

The Contractor must be required to submit a Failure Analysis Report including Corrective Action Plan for each system cylinder repaired under warranty, identifying cause of failure, remedy to correct, and any additional information discovered.

**DELIVERABLES:**
2.9.1 Provide warranty support for all system cylinders found to be defective in accordance with the Warranty Plan.

**2.10 INVOICING AND PAYMENT SCHEDULE**

**2.10.1 WAWF Entry**
Invoices must be submitted through Wide Area Workflow (WAWF). The invoice(s) must be submitted no less than 30 days from completing a service or delivering products and must include the specific performance standards performed and accepted and associated performance payments being invoiced. Within seven days of receipt of the invoice, the COR will review for accuracy, and payment will be certified in the WAWF system by the KO or COR. The requirements of a proper invoice are subject to FAR clause 52.232-25, Prompt Payment. The vendor may check on the status of their invoice(s) by registering for My Invoice at https://piee.eb.mil/ or contacting DLA at (800) 756-4571.

The following correct information constitutes a proper invoice per the Prompt Payment Act standards, and/or is required documentation for payment requests submitted electronically into the Wide Area Workflow (WAWF) System. Hard copy invoices cannot be accepted.

1. Name and Address of Contractor or Vendor
2. Invoice date
3. Contract number (including the order/call number where applicable), or other authorization for delivery of goods or services. Note: DO NOT USE THE BID OR SOLICITATION NUMBER.
4. Invoice number, account number, and/or any other identifying number agreed to by contract.
5. Shipment Number, including the date (where applicable). Same as Block 2 of the DD Form 250. (See “Shipment Number Construction and Usage,” page 13 for format).
6. Description: line-item number, National Stock Number, Manufacture’s Part Number, unit of measure, quantity shipped, unit price, and extended amount, where applicable.
7. Shipping and payment terms (unless mutually agreed that this information is only required in the contract); including terms of any discount offered for prompt payment.


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8. Electronic Funds Transfer (EFT) banking information, unless agency procedures provide otherwise, or except in situations where the EFT requirement is waived under 31 CFR 208.4.
9. Point of Contact (POC) name (where practicable), title, and telephone number of people to notify if the invoice is defective.
10. Other substantiation documents or information required.

Other Entry Information:

WAWF Invoice Type: Combo Invoice
Inspection/Acceptance Point: Destination/Destination
Pay Official DODAAC: SL4701
Issue by DoDAAC: SP4703
Admin by DoDAAC: SP4703
Service Approver: SC0419
Service Acceptor: SC0419

*Note: See contract clause 252.232-7006 Wide Area Workflow Payment Instructions for additional information / complete details*

**2.10.2 WAWF Attachments**

The following attachments should be uploaded into WAWF for every Invoice:

1. Shipments from DLA to Contractor:
    a. DD250
    b. Import Template – covers gross weight and recovered gas for each cylinder received by gas (Excel format if possible)
2. Shipments from Contractor to DLA:
    a. DD250
    b. Shipment Overview - specific list of everything in the shipment
    c. Certificate Of Analysis (COA) for each Ready for Issue (RFI) cylinder received
    d. Fill Log that contains COA information for each System Cylinder received (Excel format if possible)
    e. Valve Testing documentation

Attachments created in any Microsoft Office product are attachable to the invoice in WAWF. Maximum size limit of each attachment is 2 Megabytes (MB). Total size limit for all files is 5MB.

After clicking the “submit” button, a Notice of Successful/Unsuccessful Submission will appear. This screen contains a “Send More E-Mail Notifications” button. Click on this button and add the e-mail addresses for the Program Office and others as desired. Notification must be provided for each invoice submitted. The contractor’s failure to include the necessary information will result in invoices being rejected.


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**2.10.3 WAWF Tools and Help**
The vendor may have their CAGE code activated (required only first time) in WAWF by calling 866-618-5988. Once activated, the vendor should self-register at the web site https://piee.eb.mil/.

Vendor training is available at: https://cac.piee.eb.mil/xhtml/unauth/help/help.xhtml. Additional support can be obtained by calling the DISA Ogden Help Desk at 1-866-618-5988 or e-mailing to cscassig@ogden.disa.mil.

**DELIVERABLES:**
2.10.1 Provide proper invoices submitted into the Wide Area Workflow (WAWF) System within 30 days of service/delivery.
2.10.2 Provide required attachments uploaded to WAWF with each invoice.

**Attachment 1- QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)**
Quality Assurance Surveillance Plan regarding System Cylinder Support Service for ODS/HFC Reserve Program at Richmond

The Contracting Officer's Representative (COR) will monitor vendor performance and complete the quality assurance worksheet below. The quality assurance worksheet can or will be uploaded into the Surveillance and Performance Monitoring (SPM) application via the Performance Integrated Enterprise Environment website for the Contracting Officer's (KO) review within 72 hours of the completion of performance via the SPM Module.

If a rating other than satisfactory is identified, the COR must document and provide to the KO sufficient information to properly articulate the deficiencies to the vendor so corrective action may be taken.

The COR referred to in this QASP is identified on the contract.

**Table 1: Performance Criteria for Performance Deliverables**

| Deliverable Reference | Task Title | Deliverable | Acceptable Quality Level (AQL) | Method Used/Frequency |
|---|---|---|---|---|
| 2.3.1.1 | Turn-In | Execute shipping of Turn-In system cylinders from DLA Richmond to Contractor. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.3.1.2 | Turn-In | Execute shipping of Government Furnished Halon 1301 from DLA Richmond to Contractor. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.3.2.1 | Refurbishment | Complete refurbishment/recertification of system cylinders. | 95% of deliverables submitted on time. | 100% COR inspection |


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| | | | | |
|---|---|---|---|---|
| 2.3.2.2 | Refurbishment | Provide operational testing on 100% of the valves rebuilt or replaced with new/different valves for every system cylinder that is assembled. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.3.2.3 | Ready For Issue | Provide documentation of the valve testing to the Government. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.3.3.1 | Ready For Issue | Provide system cylinders with all components, proper paint and markings, and palletized as specified. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.3.3.2 | Ready For Issue | Provide required documentation with shipment from Contractor to DLA Richmond. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.6.1 | Required Delivery Schedule | Deliver all system cylinders within 365 days of contract award. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.9.1 | Warranty | Provide warranty support for all system cylinders found to be defective in accordance with the Warranty Plan. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.10.1 | Invoicing | Provide proper invoices submitted into the Wide Area Workflow (WAWF) System within 30 days of service/delivery. | 95% of deliverables submitted on time. | 100% COR inspection |
| 2.10.2 | Invoicing | Provide required attachments uploaded in WAWF with each invoice. | 95% of deliverables submitted on time. | 100% COR inspection |

**Table 2: Quality Assurance Rating Table**

| Rating | Description |
|---|---|
| **Exceptional (E)** | Performance meets contractual requirements and exceeds much to the Government's benefit. The contractual performance of the element or sub-element being evaluated was accomplished with few minor problems for which corrective actions taken by the Contractor were highly effective. Note: To justify an Exceptional rating, identify multiple significant events and state how these events were of benefit to the Government. A singular benefit, however, could be of such magnitude that it alone constitutes an Exceptional rating. Also, there should have been NO significant weaknesses identified. |
| **Very Good (VG)** | Performance meets contractual requirements and exceeds some to the Government's benefit. The contractual performance of the element or sub-element being evaluated was accomplished with some minor problems for which corrective actions taken by the Contractor were effective. Note: To justify a Very Good rating, identify a significant event and state how it |


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| | |
|---|---|
| | was a benefit to the Government. There should have been no significant weaknesses identified. |
| **Satisfactory (SAT)** | Performance meets contractual requirements. The contractual performance of the element or sub-element contains some minor problems for which corrective actions taken by the Contractor appear, or were, satisfactory. Note: To justify a Satisfactory rating, there should have been only minor problems, or major problems that the Contractor recovered from without impact to the contract or order. There should have been NO significant weaknesses identified. A fundamental principle of assigning ratings is that Contractors will not be evaluated with a rating lower than Satisfactory solely for not performing beyond the requirements of the contract or order. |
| **Marginal (MAR)** | Performance does not meet some contractual requirements. The contractual performance of the element or sub-element being evaluated reflects a serious problem for which the Contractor has not yet identified corrective actions. The Contractor's proposed actions appear only marginally effective or were not fully implemented. Note: To justify Marginal performance, identify a significant event in each category that the Contractor had trouble overcoming, and state how it impacted the Government. A Marginal rating should be supported by referencing the management tool that notified the Contractor of the contractual deficiency (e.g., management, quality, safety, or environmental deficiency report or letter). |
| **Unsatisfactory (UNSAT)** | Performance does not meet most contractual requirements, and recovery is not likely in a timely manner. The contractual performance of the element or sub-element contains a serious problem(s) for which the Contractor's corrective actions appear or were ineffective. Note: To justify an Unsatisfactory rating, identify multiple significant events in each category that the Contractor had trouble overcoming, and state how these events impacted the Government. A singular problem, however, could be of such serious magnitude that it alone constitutes an Unsatisfactory rating. An Unsatisfactory rating should be supported by referencing the management tools used to notify the Contractor of the contractual deficiencies (e.g., management, quality, safety, or environmental deficiency reports, or letters). |
| **Not Applicable (NA)** | Performance not observed during this performance period. |

**REMEDIES FOR CONTRACTOR NOT MEETING ACCEPTABLE QUALITY LEVELS OF PERFORMANCE OBJECTIVES WITHIN CONTRACT PERIOD:**

- **FIRST VIOLATION: KO will issue cure notice to the contractor.**
- **SECOND VIOLATION: KO will issue show cause notice to the contractor.**
- **THIRD VIOLATION: KO will terminate contract for cause.**


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# Halon 1301 System Cylinder Refurbishment/Re-certification (FY26)
# Statement Of Work (SOW)

The government will evaluate the contractor's performance under this contract using the method of surveillance specified in Table 1, Performance Criteria for Performance Deliverables. All surveillance observations will be recorded by the government. Those observations indicating defective performance will be initialed/initialized by the contractor's designated representative. The contractor shall designate at least one employee for this purpose. If no such designated employee is available, recorded observation shall so state.

The following evaluation form will be filled out by the COR and delivered to the contract specialist and KO for inclusion in the contract file.


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# Halon 1301 System Cylinder Refurbishment/Re-certification (FY26)
# Statement Of Work (SOW)

### Table 3: Quality Assurance Worksheet

| Deliverable Reference | Deliverable | E | VG | SAT | MAR | UNSAT | NA |
|---|---|---|---|---|---|---|---|
| 2.3.1.1 | Execute shipping of Turn-In system cylinders from DLA Richmond to Contractor. | | | | | | |
| 2.3.1.2 | Execute shipping of Government Furnished Halon 1301 from DLA Richmond to Contractor. | | | | | | |
| 2.3.2.1 | Complete refurbishment/recertification of system cylinders. | | | | | | |
| 2.3.2.2 | Provide operational testing on 100% of the valves rebuilt or replaced with new/different valves for every system cylinder that is assembled. | | | | | | |
| 2.3.2.3 | Provide documentation to the Government of valve testing. | | | | | | |
| 2.3.3.1 | Provide system cylinders with all components, proper paint and markings, and palletized as specified. | | | | | | |
| 2.3.3.2 | Provide required documentation with shipment from Contractor to DLA Richmond. | | | | | | |
| 2.6.1 | Deliver all system cylinders within 365 days of contract award. | | | | | | |
| 2.9.1 | Provide warranty support for all system cylinders found to be defective in accordance with the Warranty Plan. | | | | | | |
| 2.10.1 | Provide proper invoices submitted into the Wide Area Workflow (WAWF) System within 30 days of service/delivery. | | | | | | |
| 2.10.2 | Provide required attachments uploaded in WAWF with each invoice. | | | | | | |
| | **OVERALL** | **E** | **VG** | **SAT** | **MAR** | **UNSAT** | **NA** |
| | Overall, how would you rate contractor's performance | | | | | | |

**Comments:** _____

_____

_____

_____

_____

**Prepared by:** _____ (COR)

**Rating Period**: _____



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**Attachment 2 – WARRANTY PLAN**

1) Definitions

**Acceptance:** A system cylinder must be considered accepted once received and inspected by the Government. Inspection may include, but not limited to proper paint, markings and labeling, no active leaks, correct internal pressure, and of correct weight.

**Defect:** A system cylinder with an active leak, below the standard fill weight for a particular sized cylinder, or a cylinder outside of acceptable pressure range.

**DLA: Defense Logistics Agency, Richmond VA.**

**Ready for Issue (RFI):** A cylinder ready to be issued/used that includes conditions of, but not limited to proper paint, markings and labeling, no active leaks, correct internal pressure, and correct weight.

2) Areas of Coverage/Rights and Remedies

The Contractor must offer a 1-year prorated warranty from the date of acceptance (after delivery and inspection) of system cylinders that are discovered to be actively leaking, low weight, or out of acceptable pressure range. This warranty is specifically for system cylinders received by the government and have been continually stored in DLA warehouses.

The warranty must be prorated into two stages with respect to replacement Halon:

1. Zero (0) through six (6) months: The Contractor will be responsible for Halon replacement and all warranty items.

2. Seven (7) through 12 months: DLA responsible for Halon replacement. The Contractor will be responsible for all other warranty items.

The Contractor must be responsible for all labor and transportation throughout the entire contract. This includes labor to decant the gas, inspect the cylinders, inspect the valves, rebuild the valves, refill and recharge the cylinders with product, and visually inspect prior to shipment. This also includes all shipping and transportation costs of all systems and Government Furnished Materials (GFM) cylinders from DLA to the Contractor as well as from the Contractor back to DLA.

All O-rings, springs, hardware, software, and/or other parts provided with a rebuild kit from the cylinder manufacturer must be utilized and replaced in each valve every time a valve is rebuilt. If any additional hardware or rebuild kits are needed for the valves, they must be furnished and paid for by the Contractor. Valves that fail inspection will be


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replaced with additional used valves by contacting Contracting Officer's Representative (COR).

3) Correlation to Statement of Work (SOW)/Statement of Objectives (SOO)/Instructions to Offerors (ITO)

All warranty work provided by the Contractor must be in accordance with the SOW related to this contract, including MIL-STD-101C, MIL-STD-1411C, and US Navy Technical Repair Standard:

- S9555-A6-TRS-010 applicable Ansul repair standards
- S9555-AT-MMA-010 applicable Kidde repair standards

4) Data Collection Related to Failures

**Warranty Plan**
**FY26 Halon 1301 System Cylinder Refurbishment/Re-certification**

All "Ready for Issue" (RFI) system cylinders in storage at DLA Richmond are leak checked monthly by the ODS Support Contractor. Any information regarding actual or potential warranty repairs must be reported to the Contractor by the government COR.

**Leaking:** The table below will identify unacceptable leak levels:

| Cylinder Size (in pounds) | Leak Rate (ounces per year) |
|---|---|
| 10 | 0.5 |
| 15 | 0.75 |
| 60 | 3.0 |
| 95 | 4.5 |
| 125 | 6.0 |

Any system cylinder received and accepted in the previous 12 months discovered with a one-time unacceptable leak level or that has reached an unacceptable cumulative leak level within six (6) consecutive months must be considered defective and must require warranty repair.

**Low Weight:** Any system cylinder received and accepted in the previous 12 months that is found to be below the standard fill weight must be considered defective and must require warranty repair.


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**Cylinder Pressure:** System Cylinders are normally pressurized to 600 psi. If the pressure gauge is above or below this pressure, the temperature of the cylinder body should be measured using an infrared temperature gauge. The table below indicates an Acceptable Cylinder Pressure by cylinder temperature:

| Acceptable Cylinder Pressure | | |
|---|---|---|
| **Temperature** | **Minimum** | **Maximum** |
| 30 Degrees F | 425 psi | 1075 psi |
| 40 Degrees F | 450 psi | 1100 psi |
| 50 Degrees F | 500 psi | 1150 psi |
| 60 Degrees F | 525 psi | 1175 psi |
| 70 Degrees F | 550 psi | 1225 psi |
| 80 Degrees F | 575 psi | 1250 psi |
| 90 Degrees F | 625 psi | 1300 psi |
| 100 Degrees F | 650 psi | 1325 psi |
| 110 Degrees F | 700 psi | 1375 psi |
| 120 Degrees F | 775 psi | 1450 psi |
| 130 Degrees F | 900 psi | 1600 psi |

Any system cylinder that is outside of the “Acceptable Cylinder Pressure” range must be considered defective and must require warranty repair.

5) Notification Timing

The government must submit Failure Reporting to the Contractor within one (1) working day of discovery of a defective cylinder.

The government must also provide a monthly report to the Contractor including, but not limited to, any system cylinders received and accepted in the previous 12 months with active leaks, found to be low weight or found to be outside of acceptable pressure. The monthly report must be provided to the Contractor within 10 business days of the beginning of each month.

6) Duration

This warranty must be applied to all individual RFI system cylinders received and accepted within the previous 12 months that have been in continual storage at DLA Richmond.

7) Corrective Action Direction

**Valve and/or Cylinder Replacement:** The Contractor must report to the government any valves and/or cylinders that are determined to be unusable during the warranty repair, and government must provide a replacement valve and/or cylinder. The government will also have the right to choose to purchase replacement valves and/or cylinders for the warranty repair. The Contractor


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must make any valves and/or cylinders deemed unrepairable available to government for inspection upon government request.

8) Warranty Conditions Pertaining to Government Repairs

The government may utilize the DLA ODS Cylinder Shop to decant cylinders that are actively leaking prior to shipping the cylinder back to the Contractor for warranty repair. The government will provide the Contractor with an ODS Leak Report to document the weight of the cylinder prior to decanting and the amount of gas that was recovered during decanting.

9) Government Furnished Material/Property/Equipment (GFM/GFP/GFE)

The government must provide the following material for recharging system cylinders under warranty repair based upon the date the cylinders were received and accepted until time of discovery:

- Zero (0) through six (6) months: Halon replacement is the Contractor's responsibility.
- Seven (7) through 12 months: Halon is furnished to the Contractor by the Government.

All material used for recharging system cylinders must be Halon 1301 Type II. The Contractor will be responsible for the shipping costs of all GFM cylinders both to and from DLA. The Contractor must also properly account for all full, partially full, and empty cylinders. All GFM cylinders must be returned to Defense Depot Richmond Virginia (DDRV) prior to contract closeout.

The contractor must include a DD250 with each shipment of full, partially full, and/or empty cylinders using the National Stock Number (NSN) shown below:

| SIZE | FULL | EMPTY/PARTIALLY FULL |
|---|---|---|
| 128 lbs. | 6830-00-543-6623 | 8120-00-531-8193 |
| 1,240 lbs. | 6830-01-392-5017 | 8120-01-356-5961 |

10) Packaging, Handling Storage, and Transportation

The Contractor must be responsible for any cylinders that need transported from DLA to the Contractor for warranty repair along with returning repaired cylinders from the Contractor back to DLA.

The contractor must repair and return any cylinders needing warranty repair within 60 days of notification of a defective cylinder. Provisions will be made to allow more time if valves and/or cylinders are deemed to be unusable and need to be replaced.


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The Contractor must be liable for all loses or damages to warranty items while in transit.

11) Markings

Final markings must be in accordance with the latest revision of MIL-STD 129 and identified with appropriate NSN (cited in the SOW for this contract) and Condition Code “A” (fully refurbished, filled, and Ready for Issue).

12) Exclusions/Limitations

Coverage does not include damage caused by the government or the Government’s other contractor(s).

13) Reporting Requirements

The Contractor must provide Failure Analysis Reports that includes a Correction Action Plan for each cylinder repaired including, but not limited to, the amount of gas that was recovered during recanting, cause of failure, and remedies to repair. The Contractor must develop these forms and submit them to the government for approval within 10 days of contract award.

14) Other Considerations

This warranty applies to system cylinders that have been received and accepted and have been in continual DLA storage and does not apply to System Cylinders not accepted but returned to the Contractor at the time of receipt as covered in the Statement of Work (SOW).

If a specific system cylinder is returned for repair to the Contractor under this warranty and the cylinder is repaired, returned, and re-accepted by the government, a new 12-month warranty period would begin starting with the most recent acceptance date.

The Contractor will not bill for any repair work covered under this contract as payment should have already been processed and/or paid by the time of discovery.

If the Contractor determines that it is not feasible to repair a system cylinder that is covered under this warranty, the government must receive credit for the full refurbishment cost under this contract.

The warranty does not limit the government's rights under any other contract clause.

The warranty clause must not limit the government’s rights under an inspection clause in relation to latent defects, fraud, or gross mistakes that amount to fraud.

The warranty applies notwithstanding inspection and acceptance or other clauses or terms of the contract.

Redesign is a remedy available to the government.


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Rights of the government under the provisions of the warranty include no-cost Engineering Change Proposals (ECP).

15) Warranty Administration

Assignment of a Contractor Warranty Manager and Government Warranty Manager

The Contractor will appoint and identify representative(s) responsible for communications within 10 working days of contract award.

Any communications with the government regarding this warranty should include:

Contracting Officer Derek Willis, derek.willis@dla.mil, 804-659-4849

Contracting Officer Representative: Jeffrey Bickham, jeffrey.bickham@dla.mil, 804-279-3921

The COR will be the primary Government Warranty Manager.

Failure Reporting, Analysis, and Corrective Action System Requirements

All reports will be submitted in Microsoft Office format (including Word or Excel) or Adobe PDF format. The timeline will be as follows:

**Government Failure Reporting:** Within one (1) business day of discovery.

**Government Monthly Reporting:** Within ten (10) business days of the beginning of each month. **ODS Leak Report:** Within ten (10) business days of a system cylinder being decanted by the ODS Cylinder Shop.

**Failure Analysis Reporting including Corrective Action Plan:** Within sixty (60) days of receiving notification of a defective cylinder.

Traceability and Repair Times

All defective cylinders will be traced from time of discovery until time of repair (including return, repair, and re-acceptance) by the government COR on the Government Failure Report.

All repairs must be made by the Contractor, and the cylinder must be returned to DLA with sixty (60) days of receiving notification of a defective cylinder.

Disposition for Failed Warranted Items

All warranty work provided by the Contractor must be in accordance with the SOW related to this contract.

Any cylinders and/or valves that the contractor deems to be unrepairable or not rebuildable would need to be reported to the government.  The government would have to give authorization


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prior to disposal of any parts. The government must also have the option to request the parts be shipped back for inspection.

Effect of Contract Options

A considerable number of warranty issues or lack of Contractor response/action on warranty issues must be considered and can affect the Government's decision to exercise additional Option Years.

16) Contract Closeout Considerations

Verify Warranty is Complete

The government COR must verify that all defective cylinders must have been repaired and returned to DLA prior to contract closeout. All GFM cylinder (full, partially full, or empty) must also be returned to the government prior to contract closeout.

Consider tracking and enforcement mechanisms that need to be in place if the contract period of performance expires before the warranty period of performance.

This warranty is active for one (1) year beyond the end of the Period of Performance (POP), requiring contract closeout to be at least one (1) year beyond the POP, provided that all defective cylinders have been repaired and returned to DLA along with all GFM cylinders.


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