

STATEMENT OF WORK

SOW-04-CSLE-08407A-2/1

**FOR THE INSPECT, REPAIR ONLY AS
NECESSARY (IROAN) OF THE**

REFRIGERATOR-CONTAINER, FIELD

NSN: 4110-01-107-9078

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STATEMENT OF WORK FOR THE
REFRIGERATOR-CONTAINER, FIELD, 350 CUFT
Inspect Repair Only As Necessary (IROAN)
4110-01-107-9078

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the IROAN effort of the REFRIGERATOR-CONTAINER, FIELD, 350 CUFT, hereafter referred to as the REFRIGERATOR-CONTAINER. This document contains requirements to restore the REFRIGERATOR-CONTAINER to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining." National Stock Number (NSN) 4110-01-107-9078 shall be known as the Refrigerator-Container.

1.1 Background. IROAN is defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement."

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards.

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	Identification Marking of U.S. Military Property
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications. The issues of those documents cited below shall be used.

TM 08407A-13/1	Operation and Maintenance Refrigerator-Container, Field
SL-4-08407A	Refrigerator-Container, Field Repair Parts List
TM 3080-50	Corrosion Control Procedures Depot Maintenance Activities for Marine Corps Equipment

TM-4750-15/2 Painting and Registration Marking for Marine Corps
Combat and Tactical Equipment

DOD 4000.25-1-M MILSTRIP Manual

Military Handbooks (For Guidance)

MIL-HDBK-61 Configuration Management Guidance

2.3 Industry Standards.

ANSI/ISO/ASQC Q9002-1994 Quality Systems-Model for Quality Assurance in
Production, Installation, and Servicing

Industry Standards (For Guidance)

ANSI/EIA-649 National Consensus Standard for Configuration
Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019 commercial telephone number (229) 639-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: (Code 583-1), 814 Radford Blvd., STE 20320, Albany, GA. 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS.

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, restore, test and calibrate the Refrigerator-Container. Upon completion of IROAN, the subject item shall be Condition Code "A".

b. Provide all tools and test equipment required to test, inspect, repair and calibrate the Refrigerator-Container.

c. Conduct in process and final on-site testing for witness by a Marine Corps Systems Command (MCSC) (Code CSLE), Albany, Georgia representative.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the Refrigerator-Container.

3.2.1 Phase I- Pre-Induction. A Pre-Induction Inspection Analysis shall be performed for each Refrigerator-Container using the Contractor Facility's diagnosis, inspection and testing techniques, Marine Corps TM 08407A-13/1 and SL-4-08407A to determine the extent of work and parts required. The findings of the Pre-Induction Inspection shall be annotated on the Refrigerator-Container Pre-Induction Checklist (Appendix A) and shall be maintained and made available upon request by a MCSC (Code CSLE), Albany, Georgia representative. If the data is to be provided electronically to MCSC (Code CSLE), Albany, Georgia the data base must be agreed to by both the MCSC (Code CSLE) representative and the Contractor.

3.2.2 Phase II - IROAN. After Pre-Induction Tests and Inspections have been completed, repair of the Refrigerator-Container shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist (Appendix A) during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. Pre-Induction Checklist - Information recorded on the Pre-Induction Checklist (Appendix A) shall be used as a guide to repair the Refrigerator-Container in accordance with this SOW.

b. Data plate - Each repaired Refrigerator-Container shall have an IROAN data plate affixed to the main unit in close proximity to the existing data plate. The data plate shall meet the requirements of MIL-STD-130 and TM-4750-15/2.

c. Hardware.

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turn lock fasteners, mandatory replacement items, safety and one-time use items, etc. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

d. Corrosion Control and Painting - Corrosion control preventatives shall be applied per TM 3080-50 and painting shall be accomplished per TM-4750-15/2.

3.2.3 Phase III - Inspection, Testing and Acceptance.

a. Inspection, Testing and Acceptance of the Refrigerator-Container shall be conducted.

b. The Contractor shall be responsible for conducting operational/acceptance testing and shall ensure MCSC (Code CSLE), Albany, Georgia representatives are available to complete the Final Acceptance Testing. The final acceptance tests shall be held at the Contractor's facility. The MCSC (Code CSLE), Albany, Georgia representative shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be set up with all safety considerations incorporated (test area clearly defined, limited access to unauthorized vehicles and foot traffic, etc.).

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (Code CSLE), Albany, Georgia representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. The Operation Tests are to be conducted on each Refrigerator-Container upon completion of repairs and prior to the equipment being returned to stock.

3.2.4 Phase IV - Packaging, Handling, Storage and Transportation (PHS&T).

a. The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be preserved and packaged in accordance with level "A" requirements of MIL-STD-2073-1D, Table J.I., Method 10. Items scheduled for domestic shipment, for immediate use or short-term storage shall be in accordance with level "B" requirements.

b. Marking for shipment and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the equipment to and from the Contractor.

3.3 Configuration Control. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.4 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality Systems-Model for Quality Assurance in Production, Installation and Servicing. The program shall ensure quality throughout all areas to include processing, assembly, inspection, testing, maintenance and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The Government, MCSC (Code CSLE), Albany, reserves the right to perform any of the inspections

set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.5 Acceptance. The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC (Code CSLE), Albany, Georgia representative, shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing shall be conducted at the Contractor's Facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

3.6 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE)/(GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. (This can be done by mailing (Materiel Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320) or faxing (commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).

3.7 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code CSLE), Albany, Georgia representative. The Contractor shall, at no additional cost, correct the deficiencies and repeat the verification.

