STATEMENT OF WORK

FOR THE

INSPECT AND REPAIR ONLY AS NECESSARY (IROAN)

OF THE

REFRIGERATOR-CONTAINER, FIELD

SOW-07-PMM152-08407A-2

NSN: 4110-01-107-9078

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Statement of Work for the
Inspect and Repair Only As Necessary (IROAN)
of the
Refrigerator-Container, Field
NSN 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. This document contains requirements to restore the Refrigerator-Container, Field 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 6 months shelf-life remaining".

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: Military Marking for Shipment and Storage
MIL-STD-130	U.S. Military Property, Identification Marking of
MIL-STD-2073-1D(1)	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

TM 08407A-13/1	Operation and Maintenance Refrigerator-Container, Field, 8' X 8' X 10'
SL-4-08407A	Refrigerator-Container, Field 8 X 8 X 10 FT, Repair Parts List
TM-3080-50	Corrosion Control Procedures Depot Maintenance Activities for Marine Corps Equipment

TM-4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

JESD625-A	Requirements for Handling Electrostatic-Discharge Sensitive (ESDS) Devices
ANSI/ISO/ASQC Q9001-2000	Quality Management Systems - Requirements

Industry Standard (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 on the Internet at 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: Commander, Attn: Contract Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 566-1A, 814 Radford Blvd., STE 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

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, diagnose, restore, and test and calibrate the Refrigerator-Container, Field. 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, Field.

c. Conduct in process and final on-site testing for witness by a Marine Corps Systems Command (MCSC), Code PMM152, Albany, GA representative.

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

3.2.1 Phase I- Pre-Induction. A Pre-Induction inspection analysis shall be performed for each Refrigerator-Container, Field using the Contractor Facility's diagnosis, inspection and testing techniques, Marine Corps TM 08407A-13/1 and SL-4-08407A to determine extent of work and parts required. The findings of the Pre-Induction inspection shall be annotated on the Refrigerator-Container, Field Pre-Induction Inspection Checklist (Appendix A) and shall be maintained and made available upon request by the MCSC, Code PMM152, Albany, GA representative. If the data is to be provided electronically the MCSC, Code PMM152, Albany, GA representative and the Contractor must agree to the database.

3.2.2 Phase II - IROAN. After Pre-Induction tests and inspections have been completed, repair of the Refrigerator-Container, Field 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. (Appendix A) - Information recorded on the Pre-Induction Checklist shall be used as a guide to repair the Refrigerator-Container, Field in accordance with this SOW.

b. Data Plate. Each repaired Refrigerator-Container, Field 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-4750-15/1.

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., in accordance with this SOW. 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-4750-15/1.

3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the Refrigerator-Container, Field shall be conducted in accordance with this SOW, Marine Corps TM 08407A-13/1 and SL-4-08407A.

b. The Contractor shall be responsible for conducting operational/acceptance testing and shall ensure all necessary personnel are available to complete the final acceptance testing. The final acceptance tests shall be held at the Contractor's facility. MCSC, Code PMM152, Albany, GA representative(s) 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 PMM152, Albany, GA representative(s) 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, Field 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 item(s) being repaired under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-2073-1D(1), Method 10. Items scheduled for domestic shipment, immediate use or short- term storage shall be in accordance with Level "B" requirements.

b. Marking 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 Electrostatic Discharge (ESD) Control Program. The Contractor shall establish, implement and document an ESD control program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, inspection test, marking, packaging, storing and transporting ESD sensitive components.

3.5 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems-Requirements for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include processing, assembly, inspection, test, 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 PMM152, Albany, GA 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.

3.6 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 PMM152, Albany, Ga representatives 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.

3.7 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA)(Code 581-1B) will coordinate 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 a copy of the DD1348 to Materiel and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd, STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial (229) 639-5498, or DSN 567-5498.

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

3.9 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC, Code PMM152, Albany, GA representative(s). The Contractor shall at no additional cost to the Marine Corps provide an approach for correction of all deficiencies.

REFRIGERATOR-CONTAINER, FIELD PRE-INDUCTION INSPECTION CHECKLIST

REFRIGERATOR-CONTAINER SERIAL NUMBER_____

CONDITION CODE UPON RECEIPT_____

CORROSION PREVENTION METHODS TO BE USED _____

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REPAIR PARTS/ASSEMBLIES REQUIRED FOR REPAIRS

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DEFECTIVE PARTS AND ASSEMBLIES

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Appendix A

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
DMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: Refrigerator-Container, Field	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Request For Deviation (RFD)	Configuration Management	
4. AUTHORITY *(Data Acquisition Document No.)*	**5. CONTRACT REFERENCE**	**6. REQUIRING OFFICE**	**18. ESTIMATED TOTAL PRICE**
DI-CMAN-80640C	SOW Para 3.3	MCLC (Code 566)	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	AS REQ	See Block 16
9. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A			

16. REMARKS

Blk 4 - Contractor format is authorized and shall be submitted in .doc or .pdf format.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 20 working days upon receipt by the Government.

RFDs shall be transmitted via E-Mail to the following address: smblogcomconfigmngmnt@logcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

14. DISTRIBUTION

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[signature]	2-2-04	[signature]	2/2/04