STATEMENT OF WORK (SOW)
For the Rebuild of the Box, Radio Interface
NSN 5820-01-337-5296
P/N: 49232-100-09; CAGE: 56161

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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 to rebuild the Box, Radio Interface, NSN 5820-01-337-5296, P/N 49232-100-09, CAGE 56161. (For purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild.) This document contains requirements to rebuild the Box, Radio Interface, 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.

1.1 Background

Rebuild is defined as "That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, rebuild or replacement of worn or unservicable parts/elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

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 Specifications

MIL-C-81309	Corrosion Preventive Compounds, Water Displacing, Ultra Thin Film

2.2 Military Standards

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

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

247892-720	Test Specification
247892-750	Test Procedures
SL-4-09999A	Repair Parts For Mobile Electronic Warfare Support System (MEWSS) AN/MLQ-36
TM 09999A-14/1	System Manual, Volume 1, Mobile Electronic Warfare Support System (MEWSS) AN/MLQ-36
TM 09999A-14/1	System Manual, Volume 2, Parts 1 and 2, Mobile Electronic Warfare Support System (MEWSS) AN/MLQ-36
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.4 Industry Standards

JESD625-A	Requirements for Handling Electrostatic-Discharge-Sensitive (ESDS) Devices
ANSI/ISO/ASQC Q9003-1994	Quality Systems Model for Quality Assurance in Final Inspection and Test

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, Telephone (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: Commander, Marine Corps Logistics Bases, (Code 890) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (229) 639-6773 or DSN 567-6773. Copies of engineering drawings, if applicable, shall be obtained from Commander (Code 851-3), Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, 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 provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test and calibrate the Box, Radio Interface. Upon completion of rebuild the subject item it shall be Condition Code "A".

3.2 Detail Tasks. The following tasks describe the different phases for rebuild of the Box, Radio Interface:

Phase I	Pre-Induction
Phase I I	Rebuild
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling, Storage and Transportation (PHS&T)

3.2.1 Phase I (Pre-Induction). A pre-induction inspection analysis shall be performed for each Box, Radio Interface within 5 working days of induction into the Contractor's facility for evaluation of rebuild capability. If rebuild is not feasible, assign Condition Code "H" (CC "H"), notify Marine Corps Logistics Base (Code 843-2), Albany, Georgia for disposition instructions, otherwise assign CC "M" and induct into the rebuild cycle. Equipment Inspection and Maintenance Worksheet DA-2404 (Appendix A) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

3.2.2 Phase II (Rebuild). After pre-induction tests and inspections have been completed, rebuild of the Box, Radio Interface shall be accomplished in accordance with this SOW. Deficiencies noted on the Equipment Inspection and Maintenance Worksheet DA-2404 (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. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety, and one-time use items. 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.

b. Publications and Documentation. The Contractor shall use appropriate technical documentation to restore the Box, Radio Interface to condition code "A."

c. The following Standards and Publications shall be used to assist the Contractor:

MIL-C-81309 Corrosion Preventive Compounds, Water Displacing, Ultra

	Thin Film
247892-720	Test Specifications
247892-750	Test Procedures
SL-4-09999A	Repair Parts For Mobile Electronic Warfare Support System (MEWSS) AN/MLQ-36
TM 09999A-14/1	System Manual, Volume 1, Mobile Electronic Warfare Support System (MEWSS) AN/MLQ-36
TM 09999A-14/1	System Manual, Volume 2, Parts 1 and 2, Mobile Electronic Warfare Support System (MEWSS) AN/MLQ-36

3.2.3 Phase III (Inspection, Testing and Acceptance)

a. Inspection, Testing and Acceptance of the Box, Radio Interface shall be conducted in accordance with the documents and TM's listed in section 3.2.2.c and documentation available from or retained by the manufacturer.

b. The Contractor shall be responsible for conducting required tests in accordance with applicable procedures and specifications.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB (Code 843-2), Albany, GA representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

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 rebuilt under the terms of this statement of work. 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, Appendix A, Table A. VI., Electronic Equipment. Items scheduled for immediate use domestic shipment, or short term storage shall be to level B requirements.

b. Marking of all items 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 rebuilt equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for costs associated with shipping the subject equipment to and from the Contractor.

3.3 Government Furnished Equipment (GFE)/Materiel (GFM) Accountability

a. GFE is government owned equipment authorized by contract for use by a commercial/Government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of

production or incorporated into the product being manufactured/remanufactured under a contract/statement of work In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA), Marine Corps Logistics Bases, Albany, Georgia, (MCA/Code 827-2), will coordinate required GFE and will maintain a central control system on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature to establish a chain of custody and property responsibilities for the Marine Corps assets.

b. Upon receipt of GFM, a copy of the DD-Form-1348 is to be signed and forwarded to the MCA (MCA/Code 827-2) for accountability purposes.

3.4 Contractor Furnished Material. The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Material (NAVICPINST 4491.2A). In the event Contractor Furnished Material (CFM) is required for rebuild parts, the contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.5 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.

3.6 Quality Assurance Provisions. The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9003-1994, Quality System Model for Quality Assurance in Final Inspection and Test. 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 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.

3.7 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 of the work. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct an inspection.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB Code 843-2, Albany, representative. The Contractor shall, at no additional cost to MCLB, Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

3.9 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. MIL- HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (paragraph 5.3.4) provide guidance for preparing this configuration control document.

4.0 Reports

4.1 Equipment Inspection and Maintenance Worksheet. The Contractor shall complete the Equipment Inspection and Maintenance Worksheet (Appendix A), DA-2404 for each Box, Radio Interface being rebuilt. The deficiencies shall appear in Column c of this form. Column d must be completed in accordance with paragraph 4.2. This form should accompany the equipment during the rebuild process. The report shall be identified by United States Marine Corps Serial Number

4.2 Final Inspection. The Contractor shall complete column d of the Equipment Inspection and Maintenance Worksheet for each Box, Radio Interface after each deficiency is rebuilt. The completed document shall be available prior to final acceptance testing. One copy of the document shall be provided to MCLB (Code 843-2) Albany, Georgia, after final acceptance of the Box, Radio Interface .

4.3 Progress Report. The Contractor shall provide a Progress Report by serial number in the contractors format summarizing the progress and status of the Box, Radio Interface . This report should be submitted 60 days after the first deficiency is noted on the Equipment Inspection and Maintenance Worksheet. Subsequent submissions shall be within 10 days after the last business day of each month. One hard copy of this document is to be provided to Life Cycle Management Center, Attn. Code 843-2, 814 Radford Blvd., Albany, GA 31704-0320.

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION					2. NOMENCLATURE AND MODEL	
3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION

7. APPLICABLE REFERENCE			
TM NUMBER	TM DATE	TM NUMBER	TM DATE

COLUMN a – Enter TM item number.

COLUMN b – Enter the applicable condition status symbol.

COLUMN c – Enter deficiencies and shortcomings.

COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED

TM ITEM NO. *a*	STATUS *b*	DEFICIENCIES AND SHORTCOMINGS *c*	CORRECTIVE ACTION *d*	INITIAL WHEN CORRECTED *e*

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