

STATEMENT OF WORK

SOW-00-837-1-07678A-2/1

FOR THE

SKID ASSEMBLY, AIR CONDITIONER,

SMV-18

NSN: 4120-00-327-5035

TAMCN: B2004

ID# 07678A

11 FEBRUARY 2000

TABLE OF CONTENTS

<u>Section and Reading</u>	<u>Page</u>
1.0 Scope	1
1.1 Background	1
2.0 Applicable Documents	1
2.1 Military Standards	1
2.2 Other Government Documents and Publications	1
2.3 Engineering Drawings	2
2.4 Industry Standards	2
3.0 Requirements	2
3.1 General Tasks	2
3.2 Detail Tasks	3
3.2.1 Phase I - Pre-Induction	3
3.2.2 Phase II - IROAN	3
3.2.3 Phase III - Inspection, Testing and Acceptance	4
3.2.4 Phase IV - Packaging, Handling and Storage (PH&S)	4
3.3 Configuration Control	4
3.4 Electrostatic Discharge (ESD) Control Program	4
3.5 Quality Assurance Provisions	5
3.6 Acceptance	5
3.7 Government Furnished Equipment/Government Furnished Materiel (GFE/GFM)	5
3.8 Contractor Furnished Materiel (CFM)	5
3.9 Rejection	5
Appendix A - Skid Assembly Pre-Induction Inspection Checklist	A-1

STATEMENT OF WORK FOR THE
SKID ASSEMBLY, AIR CONDITIONER, SMV-18
Inspect Repair Only As Necessary (IROAN)
4120-00-327-5035

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 SKID ASSEMBLY, SMV-18, hereafter referred to as the Skid Assembly. This document contains requirements to restore the Skid Assembly 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." National Stock Number (NSN) 4120-00-327-5035 shall be know as the Skid Assembly.

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-2073-1C	DoD Standard Practice for Military Packaging

Military Standards (Guidance Only).

MIL-STD-973	Configuration Management
-------------	--------------------------

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

SL-3-07678A	Skid Assembly
SL-4-07678A	Skid Assembly

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
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel From The Federal Supply System

2.3 Engineering Drawing. The following Government drawing forms a part of this SOW to the extent specified herein.

Marine Corps 90013A0000	Skid Assembly, Air Conditioner, SMV-18
----------------------------	--

2.4 Industry Standards.

ANSI/EIA-625	Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices
ANSI/ISO/ASQC Q9002-1994	Quality Systems - Model for Quality Assurance in Production, Installation, and Servicing

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Defense Automation Production Service Philadelphia, Building 4D, 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 891), 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd., STE 20320, Albany, GA. 31704-0320, commercial telephone number (912) 439-6410 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, diagnose, restore, and test and calibrate the Skid Assembly. 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 Skid Assembly.

- c. Conduct in-process and final on-site testing for witness by a Marine Corps Logistics Bases (MCLB), Albany, GA representative.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the Skid Assembly.

3.2.1 Phase I- Pre-induction. A pre-induction inspection analysis shall be performed for each Skid Assembly using the Contractor Facility's diagnosis, inspection and testing techniques to determine extent of work and parts required. This inspection shall include all items associated with the Skid Assembly to include all SL-3 components identified in SL-3-07678A. These findings shall be annotated on the Pre- Induction Checklist located, identified and provided to the government in accordance with Appendix A of this SOW. Upon completion of this requirement and the identification of serviceable components, all SL-3 components, not installed or used to test the Skid Assembly shall be returned to the Fleet Support Division (FSD) Code 870, for their action. Coordination to facilitate this requirement shall be the responsibility of the Contractor.

3.2.2 Phase II - IROAN. After pre-induction tests and inspections have been completed, repair of the Skid Assembly shall be accomplished in accordance with this SOW and IROAN. Deficiencies noted on the Pre-Induction Checklist 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. Inspection Report - Information recorded on the Inspection Report shall be used as a guide to repair the Skid Assembly in accordance with this SOW.
- b. Data Plate - Each repaired Skid Assembly 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., listed in the SL-4-07678A and in accordance with the IROAN standard. 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. Power Cable Assemblies - All power cables and cable connections shall be tested and visually inspected for damage or corrosion. Any power cable or connector showing signs of damage, corrosion or separation of outer coating shall be repaired/replaced and tested.

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

Phase III - Inspection, Testing and Acceptance.

a. Inspection, Testing and Acceptance of the Skid Assembly shall be conducted.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion the final acceptance. Acceptance tests shall be held at Contractor's facility.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB Albany, GA (Code 837-1), 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 Skid Assembly , upon completion of repairs and prior to the equipment being returned to stock.

3.2.4 Phase IV - Packaging, Handling and Storage (PH&S).

a. The contractor shall be responsible for preservation and packaging of items being repaired 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-2073-1C, Method 10. Items scheduled for domestic shipment, immediate use or short term storage shall be to level B requirements.

b. Marking for shipment 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. The Marine Corps will be responsible for transportation costs associated with shipping the subject 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 engineering/design changes to an items documented performance or design characteristics without receiving prior written authorization by MCLB, Albany, GA (Code 837-1). The baseline configuration for the Skid Assembly has been established by Marine Corps Drawing number 90013A0000, applicable MIs and TMs. If it is necessary to depart from the authorized configuration, the Contractor shall submit a Request for Deviation or Request for Waiver using MIL-STD-973, paragraphs 5.4.3 or 5.4.4 as a guide.

3.4 Electrostatic Discharge (ESD) Control Program. The Contractor shall establish, implement and document an ESD control Program following the guidelines provided in ANSI/EIA-625.

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 Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include fabrication, 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.

3.6 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 Marine Corps 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).

GFE is government owned equipment authorized by contract for use by a commercial/Government contractor. It is neither consumed during production nor incorporated into the 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/Code 827-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for the Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.8 Contractor Furnished Materiel (CFM).

The Marine Corps has adopted the Navy's procedures regarding CFM (NAVICPINST 4491.21A). In the event that Contractor Furnished Materiel is required for repair 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.

3.9 Rejection

Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB, Albany, (Code 837-1) representative. The Contractor shall, at no additional cost, correct the deficiencies and repeat the verification.

