STATEMENT OF WORK

SOW-02-837-1-07592F-2/1

FOR THE IROAN OF THE

AIR CONDITIONER, F18H-3SA, 18,000 BTU/HR

NSN: 4120-01-237-4663

TAMCN: B00027B

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STATEMENT OF WORK FOR THE AIR CONDITIONER, F18H-3SA, 18,000 BTU/HR Inspect Repair Only As Necessary (IROAN) 4120-01-237-4663

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 AIR CONDITIONER, F18H-3SA, 18,000 BTU/HR, hereafter referred to as the Air Conditioner. This document contains requirements to restore the Air Conditioner 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) 4120-01-237-4663 shall be known as the Air Conditioner.

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	DoD Standard Practice for Identification Marking of Military Property

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

TM 5-4120-384-24P	Unit, Direct Support and General Support Maintenance Repair Parts and Special Tools List
TM 5-4120-384-14	Operators, Unit, Direct Support and General Support Maintenance Manual
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

Military handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
AB00000008	Special Packaging Instruction (SPI)

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, 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 (229) 639-6753 or DSN 567-6753. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 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, diagnose, restore, test, and calibrate the Air Conditioner. 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 Air Conditioner.

c. Conduct in process and final on-site testing for witness by a Marine Corps Logistics Bases (MCLB), Code 837-1, Albany, representative.

3.2 Detail Tasks. The following tasks describe the different phases for IROAN of the Air Conditioner.

3.2.1 Phase I- Pre-Induction. A pre-induction inspection analysis shall be performed for each Air Conditioner using the Contractor Facility's diagnosis, inspection and testing techniques, Army TM 5-4120-384-14 and TM 5-4120-384-24P to determine extent of work and parts required. The findings of the Pre-Induction inspection shall be annotated on the Air Conditioners Pre-Induction Checklist (Appendix A) and shall be maintained and made available upon request by the Weapon System Manager, MCLB, Albany, (Code 837-1) and /or their representative. If the data is to be provided electronically to the Weapon System Manager (Code 837-1) and/or their representative, the database must be agreed to by both the Weapon System Manager and the Contractor.

3.2.2 Phase II - IROAN. After pre-induction tests and inspections have been completed, repair of the Air Conditioner 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 Air Conditioner in accordance with this SOW.

b. Data plate - Each repaired Air Conditioner 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. The contractor shall conduct inspection, testing and acceptance of the Air Conditioner in accordance with this SOW, TM 5-4120-384-14 and TM 5-4120-384-24P.

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. The Weapon System Manager (Code 837-1) and/or their 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. MCLB Albany, Georgia, (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 Air Conditioner 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 statement of work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the level "A" requirements of Special Packaging Instruction, AB00000008. Copies of the SPI may be obtained from Material Management Division, Attn: Logistics Support Section (Code 822-1), Suite 20320, 814 Radford Blvd, Albany, GA 31704-0320, telephone – commercial (229) 639-6786 or DSN 567-6786. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level B requirements.

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

c. The Marine Corps will provide the contractor with the shipping addresses 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. 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.

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, 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, MCLB, Albany, (Code 837-1), 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 Marine Corps (Code 837-1) 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.

3.6 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.

3.7 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.21A). In the event that Contractor Furnished Materiel (CFM) is required for repair parts, the contractor shall requisition repair parts through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.8 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.

AIR CONDITIONER PRE-INDUCTION INSPECTION CHECKLIST

AIR CONDITIONER SERIAL NUMBER_____

CONDITION CODE UPON RECEIPT_____

CORROSION PREVENTION METHODS TO BE USED _____

REPAIR PARTS/ASSEMBLIES REQUIRED FOR REPAIRS

DEFECTIVE PARTS AND ASSEMBLIES

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: Air Cond, F18H-3SA, 18,000 BTU/HR	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Request For Deviation	Configuration Management	18. ESTIMATED TOTAL PRICE

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW 3.3	MCLBA (851)

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

16. REMARKS

Blk 4 - Contractor format is authorized.

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 30 calendar days upon receipt by the Government.

RFDs shall be submitted via e-mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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