STATEMENT

OF

WORK

(SOW)

FOR THE
INSPECT AND REPAIR ONLY AS NECESSARY
(IROAN)

OF THE
40 TON M870A2 LOWBED
SEMITRAILER,

2330-01-442-4975

M870A2

SOW-06-PMM151-07862C-2/1
EFFECTIVE DATE: 1 OCTOBER 05

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STATEMENT OF WORK FOR THE 40 TON M870A2 LOWBED SEMITRAILER NSN 2330-01-442-4975 Inspect Repair Only As Necessary (IROAN)

1.0 SCOPE. This Statement of Work (SOW), along with TM 07862C-14&P sets forth tasks and identifies the work efforts that shall be performed by the contractor in the IROAN effort of the 40 Ton M870A2 Lowbed Semitrailer, hereafter referred to as the M870A2 Lowbed Semitrailer. This document contains minimum requirements to restore the M870A2 Lowbed Semitrailer 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. National Stock Number 2330-01-442-4975 shall be known as the M870A2 Lowbed Semitrailer.

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 Markings
MIL-STD-3003	Vehicles, Wheeled; Preparation for Shipment and Storage of

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

TM 07862C-14&P	Medium Heavy Equipment Transporter M870A2
TM 3080-50	Corrosion Prevention and Control
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

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems - Requirements

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: Commander, Contracts Department (Code 891) P. O. Drawer 43019, 814 Radford Blvd., MCLB, 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, Code 583-1, 814 Radford Blvd. Suite 20320, Albany, Georgia 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, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore, and test the M870A2 Lowbed Semitrailer. Upon completion of IROAN, repaired vehicles shall be Condition Code "A."

b. Provide all tools and test equipment required to test, inspect, and calibrate the M870A2 Lowbed Semitrailer.

c. Conduct final on-site testing for witness by a Marine Corps Systems Command (MCSC) (Code PMM151), Albany, GA representative.

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the M870A2 Lowbed Semitrailer.

e. Be responsible for all corrosion prevention and control in accordance with the latest TM 3080-50.

3.2 Detailed Tasks. The following tasks describe the different phases for IROAN of the M870A2 Lowbed Semitrailer.

3.2.1 Phase I- Pre-Induction. A Pre-Induction Inspection Analysis shall be performed for each M870A2 Lowbed Semitrailer using the contractor's diagnosis, inspection and testing techniques to determine extent of work and parts required in accordance with TM 07862C-14&P. If it is determined that the cost of repair exceeds the standard unit price or acquisition/replacement cost as imposed by any current Marine Corps directives or for any other reason, the contractor facility rejects an IROAN candidate, the contractor shall provide the government with a completed copy of a Limited Technical Inspection (LTI) to include a cost estimate and a request for specific instructions to MCSC (Code PMM151), Albany, GA. The intent of this clause is to preclude the arbitrary rejection of "IROAN" candidates by the contractor based solely on cost criteria directed by current Marine Corps directives. MCSC (Code PMM151), Albany, GA retains the right to make the final decision to restore the end item to a serviceable (condition code A) asset in the most expeditious manner to enhance Marine Corps readiness.

3.2.2 Phase II - IROAN. After Pre-Induction Tests and Inspections have been completed, repair of the M870A2 Lowbed Semitrailer shall be accomplished in accordance with this SOW at the contractor's facility. Deficiencies noted in the Pre-Induction Inspection during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly wherein the part is located, is disassembled for repair.

a. Data plate. The M870A2 Lowbed Semitrailer shall have an IROAN data plate located by the original manufacturer's data plate. This plate (refer to Figure 1) shall be constructed of metal and is to be attached after the vehicle has completed the IROAN cycle. The data plate shall contain the following information:

VEH. SER. NO._____DATE

OVERHAULED IN ACCORDANCE WITH INSPECT AND REPAIR ONLY AS NECESSARY (IROAN) CONTAINED IN SOW-05-PMM151-07862C-2/1

CONTRACTOR_____

(Figure 1)

b. Hardware

(1) Replace broken, unserviceable, and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, 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.

3.2.3 Phase III - Inspection, Testing, and Acceptance.

a. Inspection, Testing and Acceptance of the M870A2 Lowbed Semitrailer shall be conducted in accordance with the Contractors standard Road Test and Final Inspection.

b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the contractor's facility. MCSC (Code PMM151), Albany, GA representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for testing.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (Code PMM151), Albany, GA may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

3.2.4 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 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-3003. Items scheduled for domestic shipment for immediate use or short-term storage shall be to 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 shall 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 the established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without receiving prior written authorization. The baseline configuration has been defined by the written procedures or material contained in manuals, standards, instructions or engineering drawings. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration document.

3.4 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 a copy of the DD1348 to Materiel Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 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.

3.6 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirement of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems – Requirements. MCSC (Code PMM151) retains the right to conduct in-process reviews and inspections for compliance with these procedures and standards. MCSC, (Code PMM151) further retains the right for in-process reviews and inspections of the quality of work delivered, material provided and documents written during contract performance. Failure of the contractor to promptly correct deficiencies discovered shall be reason for suspension of acceptance until corrective action has been accomplished.

3.7 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code PMM151), Albany, Georgia. The contractor shall, at no additional cost to MCSC (Code PMM151), Albany, Georgia, provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. Upon approval of a documented approach, the contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures requirements is demonstrated.