**DRAFT**

**Maintenance Concept Remains Consistent With Prior Fiscal Year**

# STATEMENT OF WORK

# (SOW)

# FOR THE

# TRAILER
# RIBBON BRIDGE/CONTAINER
# HAULER MK18A1

## 2320-01-392-0293

## MK18A1

## CONTROL NR: SOW-07-PMM151-09470B-1/1

## EFFECTIVE DATE: 1 OCTOBER 05

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# STATEMENT OF WORK FOR THE TRAILER, RIBBON BRIDGE/CONTAINER MK18A1 NSN 2320-01-392-0293 REBUILD

1.0 SCOPE. This Statement of Work (SOW), along with Rebuild Standard RS 09470B-50, establishes, sets forth tasks, and identifies the work efforts that shall be performed by the contractor in the Rebuild effort of the Trailer Ribbon Bridge/Container MK18A1, National Stock Number 2320-01-392-0293, hereafter referred to as the MK18A1 Trailer. This document contains minimum requirements to restore the MK18A1 Trailer 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 2320-01-392-0293 shall be known as the MK18A1 Trailer.

1.1 Background. Rebuild is defined as "That maintenance technique that determines the repairs necessary to restore equipment components and/or assemblies to a prescribed maintenance serviceability and standard that approximates the original or new condition in appearance, performance, and life expectancy." The Contractor shall disassemble all assemblies/ subassemblies, inspect, test, repair and/or replace. All worn parts/components that are beyond the specified tolerances and wear limits shall be replaced. Unless otherwise provided for in this SOW all parts and components may be reused if they meet the criteria established in RS 09470B-50.

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

| | |
|---|---|
| RS 09470B-50 | Trailer, Self-Loading, Ribbon Bridge/Container Hauler 4X4, MK18A1 |
| TM 3080-50 | Corrosion Prevention and Control |
| MI-2320-25/81 | Anti-Locking Brake System on Truck 8x8 Logistics |

System. This kit will be provided by SCMC.

| | |
|---|---|
| DOD 4000.25-1-M | Military Standard Requisitioning and Issue Procedures (MILSTRIP) |

Military Handbooks(For Guidance)

| | |
|---|---|
| MIL-HDBK-61 | Configuration Management |

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 Specifications and Standards 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 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., 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 MK18A1 Trailer. Upon completion of rebuild, repaired vehicles shall be Condition Code "A."

b. Provide all tools and test equipment required to test, inspect, and calibrate the MK18A1 Trailer.

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

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the MK18A1 Trailer.

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 rebuild of the MK18A1 Trailer.

3.2.1 Phase I- Pre-Induction. A Pre-Induction Inspection Analysis is not required since the LVS MK18A1is a rebuild effort.

3.2.2 Phase II - REBUILD. Rebuild of the LVS MK 18A1shall be accomplished in accordance with this SOW and RS 09470B-50 at the contractor facility. Rebuild of the LVS MK18A1 shall be accomplished by the application of contractor maintenance techniques by experienced journeyman level personnel to meet quality standards and inspection criteria contained in RS 09470B-50.

a. Data plate. LVS MK18A1 shall have a rebuild data plate located next to 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 rebuild cycle. The data plate shall contain the following information:

VEH. SER. NO._____DATE

REBUILT IN ACCORDANCE WITH RS 09470B-50
AND SOW-06-PMM151-09470B-1/1

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.

c. Application of Modification Instructions (MI). The following MI shall be applied during this phase of the rebuild process: MI 2320-25/81.

3.2.3 Phase III - Inspection, Testing, and Acceptance.

a. Inspection, Testing and Acceptance of the MK18A1 Trailer 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 (PMM151), Albany, Georgia, 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 (PMM151), Albany, Georgia, 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(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 MIL-STD-3003. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with 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 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 control document.

3.4 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 Management Department, Management Control Activity (Code 581-1B), 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 (PMM151), Albany, Georgia. The contractor shall, at no additional cost to MCSC (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.

## 4.0 REPORTS

4.1 Road Test and Final Inspection Checklist. The contractor shall complete the Road Test and Final Inspection Checklist for each LVS MK18A1 repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to Commander, Marine Corps Systems Command, (Code PMM151), Marine Corps Logistics Command, 814 Radford Blvd., Suite 20343, Albany, Georgia 31704-0343, after final acceptance of the LVS MK18A1.