

**STATEMENT
OF
WORK
(SOW)
FOR THE REBUILD OF THE
FIFTH WHEEL SEMITRAILER
LOGISTICS VEHICLE SYSTEM (LVS)**

MK-16

2320-01-176-0467

CONTROL NR: SOW-04-CSLE-08783A-1/1

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**Statement of Work for the Rebuild of the
Fifth Wheel Semi Trailer
Logistics Vehicle System (LVS) MK16
NSN 2320-01-176-0467**

1.0 SCOPE. This Statement of Work (SOW), along with Rebuild Standard RS 08783A-50, establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the REBUILD effort of the Fifth Wheel SemiTrailer Logistics Vehicle System (LVS) MK16, hereafter referred to as the LVS MK16. These documents contain minimum requirements to restore the LVS MK16 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. Includes materiel with more than six months shelf-life remaining." National Stock Number 2320-01-176-0467 shall be known as the LVS MK16.

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/sub-assemblies, 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 08783A-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 issue of 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

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

MI-08783A-45/1

Modification of Auxiliary Ramps and Fabrication of Off-Loading Blocks for Trailer, Powered, Fifth Wheel MK16 (wiring change; ref. step 15 of drawing #1562050 pertains)

RS 08783A-50

Depot Maintenance Manual LVS MK16

TM 3080-50	Corrosion Prevention and Control
ATPD 2241	Vehicles, Wheeled: Preparation for Shipment and Storage of
DOD 4000.25-1-M	MILSTRIP Manual
<u>Military Handbooks (For Guidance)</u>	
MIL-HDBK-61	Configuration Management

2.3 Industry Standards.

ANSI/ISO/ASQC Q9002-1994	Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing
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Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management
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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 on the Internet at <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: Contracts Department (Code 891), P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, 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 583-1, 814 Radford Blvd., Suite 20320, Albany, Georgia 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, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore and test the LVS MK16. Upon completion of the REBUILD, repaired vehicles shall be Condition Code "A."

b. Provide all tools and test equipment required to test, inspect and calibrate the LVS MK16.

c. Conduct final on-site testing for witness by a Marine Corps Systems Command (MCSC) (Code CSLE), Albany, Georgia and/or their representative.

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the LVS MK16.

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 LVS MK16.

3.2.1 Phase I- Pre-Induction. A pre-induction inspection analysis is not required since the LVS MK16 is a rebuild effort.

3.2.2 Phase II - REBUILD. Rebuild of the LVS MK16 shall be accomplished in accordance with this SOW and RS 08783A-50 at the contractor's facility. Rebuild of the LVS MK16 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 08783A-50.

a. Data plate. LVS MK16 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 08783A-50

CONTRACTOR _____

(Figure 1)

b. Hardware.

(1) Replace broken, unserviceable, and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, etc., in accordance with the LVS MK16 RS 08783A-50. 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's). The following MI shall be applied during this phase of the REBUILD process: MI-08783A-45/1.

3.2.3 Phase III - Inspection, Testing, and Acceptance.

a. The Contractor shall conduct inspection, testing and acceptance of the LVS MK16 in accordance with the Road Test and Final Inspection Checklist located in Table 2-4 of RS 08783A-50. This completed document shall be provided in accordance with Section 4.0 of this SOW.

b. The contractor shall be responsible for conducting required tests and shall ensure MCSC (Code CSLE), Albany, Georgia and/or their representative are available to complete the final acceptance. Acceptance tests shall be held at the contractor's facility. MCSC (Code CSLE), Albany, Georgia and/or their representative 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 CSLE), Albany, Georgia and/or their representative may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all LVS MK16 vehicles repaired under the provisions of this SOW shall be accomplished in accordance with RS 08783A-50.

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T).

a. The Contractor shall be responsible for the 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 ATPD 2241. 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, and 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 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 (RFD). 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 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 (Materiel Management Department, Management Control Activity (Code 573-2) 814 Radford Blvd., STE 20320, Albany, GA 31704-0320) or faxing (commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).

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 Q9002-1994, Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing. Performance of the contractor and the quality of work delivered, materiel provided, and documents written shall be subject to review and inspection by MCSC (Code CSLE), Albany, Georgia and/or their representative during work performance at any work location. Authorized MCSC (Code CSLE), Albany, Georgia, representatives shall be permitted to observe the work/task accomplishment or to conduct inspections during working hours. Inspection by MCSC (Code CSLE), Albany, Georgia and/or their representative, of test plans and materials furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet work requirements which may be disclosed prior to final acceptance. Failure of the contractor to promptly correct deficiencies discovered shall be reason for suspension of acceptance until corrective action has been accomplished.

The contractor shall have in place documented procedures and standards for inspection requirements and the contractor's work shall be subject to reviews and inspections for compliance with these procedures and standards by MCSC (Code CSLE), Albany, Georgia and/or their representative. Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face work termination. Notwithstanding such MCSC (Code CSLE), Albany, Georgia and/or their representative inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements delineated and addressed in this SOW.

3.7 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC (Code CSLE), Albany, Georgia and/or their representative. The contractor shall, at no additional cost to MCSC (Code CSLE), Albany, Georgia and/or their representative, 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 Parts Usage Data Report. The contractor shall provide a Parts Usage Data Report for every twenty vehicles produced or when the MWS Line is completed for quantities less than twenty. This report shall be in the Contractors format and as a minimum, list by nomenclature, National Stock Number (NSN), Part Number, price and quantity of all parts replaced. The report shall be provided to MCSC (Code CSLE), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320. Appendix A is provided as a sample.

4.2 Road Test and Final Inspection Checklist. The contractor shall complete the Road Test and Final Inspection Checklist (3.2.3.a) for each LVS MK16 repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MCSC (Code CSLE), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, after final acceptance of the LVS MK16.

	Light, Warning Green	73	57		6210	010531290	1053628	3	\$23.07	\$69.21
	Light, Warning	75	2		6210	012064754	1053621	2	\$20.74	\$41.48
	Shield, Light	75	1	71/19 73/53	6210	010549460	1215	3	\$3.05	\$9.15
	Buzzer Warning System	75	29		6350	001024210	SC628	1	\$85.77	\$85.77
	Low Air Pressure Alarm	73	77		6350	010524043	443724	1		\$0.00
	Drive Line Lockup Valve	161	55		4820	010505584	285402	1	\$63.92	\$63.92
	Air Brake Valve(Air Control)	169	1	01MRP2642	4820	011517984	118589	1	\$162.89	\$162.89
	Air Restrictor Indicator	33	6		2940	011544713	RAX007388	1	\$18.18	\$18.18

