

**STATEMENT
OF
WORK
(SOW)
FOR THE REBUILD OF THE
TRAILER, WRECKER,
P/O
LOGISTICS VEHICLE SYSTEM
MK-15**

2320-01-176-6928

CONTROL NR: SOW-03-835-1-08782A-1/1

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STATEMENT OF WORK FOR THE
Trailer Wrecker, P/O Logistics Vehicle System (LVS) MK15
NSN 2320-01-176-6928
Rebuild

1.0 SCOPE. This Statement of Work (SOW), along with Rebuild Standard RS 08782A-50, establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the REBUILD effort of the Trailer Wrecker, LVS MK15. These documents contain minimum requirements to restore the Trailer Wrecker, LVS MK15 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 2320-01-176-6928 shall be known as the LVS MK15.

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 08782A-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-2320-35/75 Fabrication/Installation of Tool Box Support For the Logistics Vehicle (LVS) MK14, MK15, MK17 Trailers

MI-2320-25/68 Spacer Blocks on Hydraulic Hose Clamps on the MK15/17 LVS Crane

RS 08782A-50 Depot Maintenance Manual LVS MK15

TM 3080-50 Corrosion Prevention and Control

ATPD 2241	Vehicles, Wheeled: Preparation for Shipment and Storage of.
DOD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel (CFM) from the Federal Supply System

Military Handbooks (For Guidance)

MIL-HDBK-61 Configuration Management Guidance

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 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, Attn: Contracting Officer (Code 891), Marine Corps Logistics Base, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (229) 639-6761 or DSN 567- 6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 851-3, 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 MK15. 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 LVS MK15.
- c. Conduct final on-site testing for witness by an MCLB, Albany, Georgia, representative (Code 835).

d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the LVS MK15.

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 MK15:

3.2.1 Phase I- Pre-Induction. A pre-induction inspection analysis is not required since the LVS MK15 is a rebuild effort.

3.2.2 Phase II - REBUILD. Rebuild of the LVS MK15 shall be accomplished in accordance with this SOW and RS 08782A-50 at the contractors facility. Rebuild of the LVS MK15 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 08782A-50.

a. Data plate. LVS MK15 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 08782A-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 MK15 RS 08782A-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's shall be applied during this phase of the REBUILD process: MI-2320-35/75, and MI-2320-25/68.

3.2.3 Phase III - Inspection, Testing, and Acceptance.

a. Inspection, Testing and Acceptance of the LVS MK15 shall be conducted in accordance with the Road Test and Final Inspection Checklist located in Table 2-4 of RS 08782A-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 all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the contractor's facility. MCLB, Albany, Georgia, representatives (Code 835) 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. MCLB, Albany, Georgia, (Code 835) 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 MK15 vehicles repaired under the provisions of this SOW shall be accomplished in accordance with RS 08782A-50.

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

a. The Contractor shall be responsible for the application of 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, immediate use or short-term storage shall be to level B requirements.

b. Marking 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 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 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 any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into 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 Marine Corps assets.

3.5 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event Contractor Furnished Materiel (CFM) 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.

3.6 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 MCLB (Code 835), Albany representatives during work performance at any work location. Authorized MCLB (Code 835), Albany, Georgia, representatives shall be permitted to observe the work/task accomplishment or to conduct inspections during working hours. Inspection by MCLB (Code 835), Albany, Georgia, representatives, 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 MCLB, Albany, Georgia representatives (Code 835). 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 MCLB, Albany, Georgia, 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 MCLB (Code 835), Albany, Georgia. The contractor shall, at no additional cost to MCLB, 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 Parts Usage Data Report. The Contractor shall provide a Parts Usage Data Report for every twenty vehicles produced. This report shall be in the Contractors format and as a minimum, list by nomenclature, national stock number, part number, price and quantity of all parts replaced. The

report shall be provided to Commander (Code 835-1), Marine Corps Logistics Bases, 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 for each LVS MK15 repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to Commander (Code 835-1), Marine Corps Logistics Bases, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, after final acceptance of the LVS MK15.

Fig #	Item	Kit No.	FSC	NSN	Part #	Qty	Unit \$	Total \$	Replcd %	Replace	Used
Cab Assm											
TM 2320-24P/14B											
		01MRP2801									
210	(Sheetmetal)	1	2510	012332569	123616RU	1	\$8,872.31	\$8,872.31			
209	Visor	1	00MRPXXX	2540	011527909	840	\$15.89	\$31.78			
209	Step Bracket	22	01MRP2549	2540	011513844	2	\$36.35	\$72.70			
209	Steps, Cab (A1)	30	1759650W	5440	013575699	2	\$46.90	\$93.80			
312	Rifle Racks (M.I.)(A1)	52		1005	012661233	1	\$68.87	\$68.87			
312	Rack, Storage	54		1095	007637348	2	\$19.76	\$39.52			
	Cover, Access Assm, LH		01MRP2547	5342	012502237	1	\$28.49	\$28.49			
	Auxiliary Panel Assm		01MRP2547	5340	012479444	1	\$58.24	\$58.24			
	Access Cover Assm, RH		01MRP2547	012484553	129200BU	1	\$82.28	\$82.28			
	Panel, Top		01MRP2547	012417405	1340100W	1	\$231.71	\$231.71			
	Seat and Frame Assy (Driver)		00MRPXXX	011548406	130726	1	\$311.42	\$311.42			
222	Seat Cushions	2		011538448	130723	1	\$38.54	\$38.54			
222	Upholstery, Seat Back	3		012642024	130724	1	\$83.52	\$83.52			
	Belts		00MRPXXX	5340	012366311	1	\$296.15	\$296.15			
222	3 Point Seat Belts (A1)	21		013606538	F08900	1	\$82.93	\$82.93			
222	Absorber, Shock	9		011538450	707774	1	\$48.55	\$48.55			
209	Support, Seat	37	01MRP2636	2540	011554155	1	\$57.15	\$57.15			
	Seat and Frame Assy (Pass, Fold Down)		00MRPXXX	2540	012424866	1	\$432.81	\$432.81			
222	Seat Cushions	2		011538448	130723	1	\$38.54	\$38.54			
222	Belts		00MRPXXX	5340	012366311	1	\$296.15	\$296.15			
209	3 Point Seat Belts (A1)	21		013606538	F08900	1	\$82.93	\$82.93			
209	Support, Seat	37	01MRP2636	2540	011554155	1	\$57.15	\$57.15			
	Instrument Panel Assembly		01MRP2445								
	Weidment, Dash Panel		01MRP2700	01A138795	1341930W	1	?	#VALUE!			
	Harness, Panel			5995	012475725	1	\$43.67	\$43.67			
75	Plate, Side Panel	11		01MRP2701	1345630	1	?	#VALUE!			
	Gages							\$0.00			
73	Gage, Oil Pressure	4		6620	011428277	1	\$17.21	\$17.21			
313	Gage, Air Pressure	1		6685	011218017	1	\$49.35	\$49.35			
73	Gage, Fuel	9		6680	011312551	1	\$17.35	\$17.35			
73	Gage, Water Temp	14		6620	011319620	1	\$17.14	\$17.14			
73	Gage, Transmission Oil Temp	20		6685	011324637	1	\$20.91	\$20.91			
73	Gage, Voltmeter	25		6625	011027599	1	\$14.11	\$14.11			
73	Gage, Hydraulic Oil Temp	30		6620	012443425	1	\$25.01	\$25.01			
73	Tachometer	36		6680	011319693	1	\$96.06	\$96.06			
73	Speedometer	8		6680	012674356	1	\$114.03	\$114.03			
	Warning Lights							\$0.00			
73	Light, Warning Green	57		6210	010531290	3	\$23.07	\$69.21			
75	Light, Warning	2		6210	012064754	2	\$20.74	\$41.48			

Shield, Light	71/19 73/53	75	1	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	4820	011517984	118569	1	\$162.69	\$162.69
Air Restrictor Indicator		33	6	2940	011544713	RAX007388	1	\$18.18	\$18.18

