STATEMENT
OF
WORK
(SOW)

FOR THE REBUILD OF THE

ASSAULT AMPHIBIOUS VEHICLE (AAV)
VT 525 ENGINE
NSN 2815-01-463-8066

AND

AAV VT 525 ENGINE WITH CONTAINER
NSN 2815-01-490-0312

STATEMENTOF WORK FOR REBUILD OF THE AAV VT 525 ENGINE AND VT 525 ENGINE WITH CONTAINER

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STATEMENT OF WORK FOR THE REBUILD OF THE AAV VT 525 ENGINE OR VT 525 ENGINE WITH CONTAINER NSN 2815-01-463-8066 AND NSN 2815-01-490-0312

1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&P/A establishes, sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Amphibious Assault Vehicle (AAV) VT 525 Engine or VT 525 Engine with Container. This document contains minimum requirements to restore the VT 525 Engine or VT 525 Engine with Container 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 limitations or restrictions". National Stock Number (NSN) 2815-01-463-8066 identifies the VT 525 Engine and NSN 2815-01-490-0312 identifies the VT 525 Engine with Container.

1.1 BACKGROUND. Rebuild is defined as that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through complete disassembly of the item; inspection of all parts or components, repair or replacement of worn or unserviceable parts using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

2.0 APPLICABLE DOCUMENTS. The following documents herein 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	Standard Practice for Military Marking

2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Demilitarization Manual
TM 8F152B-25&P/A	Power Plant Assembly Assault Amphibious Vehicle (7A1 Family of Vehicles and RAM/RS)
TM 2350-45	DMA Standard Procedures
Cummins Drawing VTA933-T525 CAGE 15434	VT 525 Engine

Engineer Drawing 2600062 CAGE 80064	VT 525 Engine with Container
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
ATPD 2232	Preparation For Shipment and Storage of Engines

Military Handbook (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q 9002-1994	Quality System-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 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 Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawing, if applicable, shall be obtained from Supply Chain Management Center, Attn: (Code 583-1), 814 Radford Blvd., Suite 20302, 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, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, convert and calibrate as required to make the VT 525 Engine or the VT 525 Engine with Container fully operational. Upon completion of the rebuild, the VT 525 Engine shall be Condition Code "A".

b. Conduct final-on-site testing, which shall be witnessed by Marine Corps Systems Command (MCSC) (PMM143), Albany, Georgia representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the VT 525 Engine specified in TM 8F152B-25&P/A, TM 2350-45, Cummins Drawing VTA933-T525, CAGE 15434 or VT 525 Engine with Container, Engineering Drawing 2600062, CAGE 80064.

d. Ensure all VT 525 Engines meet the configuration of Cummins Drawing VTA933-T525, CAGE 15434 and the VT 525 Engine with Container, Engineering Drawing 2600062,CAGE 80064.

e. All mandatory replacement parts shall be replaced 100%. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All parts shall be disposed of in accordance with DoD 4160.21-M.

3.2 Detailed Tasks. The following tasks describe the different phases for the rebuild of the VT 525 Engine or VT 525 Engine with container.

3.2.1 Phase - I - Rebuild. The contractor shall receive the VT 525 Engine or VT 525 Engine with Container for rebuild. The contractor shall disassemble the VT 525 Engine or VT 525 Engine with Container into components and conduct the rebuild process. The contractor shall rebuild components in accordance with the requirements in TM 8F152B-25&P/A and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materials for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The configuration identification for the VT 525 Engine is defined by the specifications annotated on current revision levels of Cummins drawing VTA933-T525, CAGE 15434. The VT 525 Engine with Container is defined by the specifications annotated on current revision levels of Engineering Drawing 2600062, CAGE 80064. Upon completion of the rebuild, the VT 525 Engine and the VT 525 Engine with Container shall be in condition code "A". A Rebuild Data Plate shall be installed centered in the rear below the item identification plate. The rebuild data plate shall contain the following: (REBUILT BY:) (INSPECTED BY:) and (DATE REBUILT:). The plate shall be no more than .008 in thickness, "2 ¾" in length and ¾" in height.

3.2.2 Phase II - Inspection, Testing, and Acceptance. Inspection, testing, and acceptance of the VT 525 Engine and the VT 525 Engine with Container shall be conducted in accordance with TM 8F152B-25&P/A and ANSI/IS0/ASQC Q 9002-1994. The contractor will correct any deficiencies discovered.

3.2.3 Phase III - Packaging, Handling, Storage, and Transportation (PHS&T).

a. The contractor shall be responsible for preservation and packaging of the item(s) being rebuilt under the terms of this statement of work. All items shall be in accordance with the requirements of ATPD 2232, Type II (2815-01-490-0312) or Type IV (2815-01-463-8066).

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

c. The Marine Corps shall be responsible for providing the contractor with the address(es) for shipment of the rebuilt equipment. The Contractor shall be responsible for arranging for the shipment to the pre-designated site(s). The Marine Corps will be responsible for cost associated with the transportation of the subject equipment to and from the Contractors facility.

3.3 Configuration Management

a. 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 deemed necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing RFDs.

b. The creation and submission of RFDs shall be accomplished using MEARS CREATE software, which resides at a secure web site, https://mearsweb.redstone.army.mil. For the purpose of gaining access to the web site, the contractor shall request user-id and password privileges from the Requiring Office identified in Block 6 of the applicable Contract Data Requirements List. The contractor shall direct technical or functional questions concerning usage of MEARS CREATE software to the Requiring Office for guidance. The contractor shall notify the Requiring Office by electronic mail when completed MEARS RFDs are ready for formal submission.

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 Material (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 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 DD 1348 to Materiel Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320, or faxing to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materials as required in the performance of this 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 performance of the contractor's quality of work performed, material provided and documents written shall be subject to in-process review and inspection by the MCSC (PMM143), Albany, GA representative during contract performance. Inspection may be accomplished at any work location. The MCSC (PMM143), Albany, GA representative requires, at a minimum, two weeks notice of acceptance tests to allow for sufficient time for the MCSC (PMM143), Albany, GA representative to witness the test. Inspection by the MCSC (PMM143), Albany, GA representative of acceptance tests, materials and associated list furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet the SOW requirements which may be disclosed prior to final acceptance.

The contractor shall provide and maintain a Quality System that as a minimum adheres to the requirements of ANSI/ISO/ASQC Q9002-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by the MCSC (PMM143), Albany, GA representative. Noncompliance with these quality assurance 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 contract termination. Notwithstanding such inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 Reports. All report deliverables shall be submitted in hard copy to Marine Corps Systems Command, Attn: (PMM143), 814 Radford Blvd., Suite 20343, Albany Georgia 31704-0343, unless directed otherwise in a Contract Data Requirements List.

4.1 Monthly Production Status Report. A Monthly Production Status Report shall be submitted summarizing the progress and status of the VT 525 Engine or VT 525 Engine With Container.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: AAV VT 525 Engine or w/Container	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Production Status Report	Monthly Production Status Report

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81255	SOW 5.1	MCSC (PMM 143/AAVS)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	MTHLY	See Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A			

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

Block 4 - Contractor format is authorized. Delete the following paragraphs as they do not apply to this deliverable: 10.1, 10.2.3, 10.2.5, 10.2.6, and 10.2.9.

In paragraph 10.2.1.d, use Job Order Number or Contract Number.

In paragraphs 10.2.4 and 10.2.7, replace "CLIN" with "CLIN or MWSLIN" (Master Work Schedule Line Item Number).

Blocks 10 and 12 - The report shall be submitted on the tenth of each month. The first submission shall be 30 days after the contract award.

The Production Status Report shall be transmitted via E-Mail to the following address: HoffmanRE@matcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
MCSC PMM 143/AAVS	0	1	0
MCLBA (576-2)	0	1	0
15. TOTAL →		2	

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
[signature]	9-25-02	[signature]	9-25-02

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ___ TM ___ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
AAV VT 525 Engine or w/Container		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B001	Request For Deviation	Configuration Management

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW 3.3	MCLBA (583)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
NO		ASREQ	ASREQ

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
N/A	A	N/A	N/A

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
MCLBA (583-1)	0	1	0
15. TOTAL →	0	1	0

16. REMARKS

BLK 4: MEARS RFD text files shall be sumitted electronically using MICROSOFT (.doc) or ADOBE (.pdf) formatted software products.

BLK 4: Accompanying figures to the text files shall be in a MICROSOFT format or CCITT Group 4 graphic file. Group 4 files shall have a minimum density of 600 dpi.

BLKs 10 & 12: RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

BLK 14: RFD notification shall be accomplished via e-mail to the following address: smithdc@matcom.usmc.mil

MEARS CREATE user-id and passsword will be assigned by the Requiring Office.

Questions concerning MEARS CREATE V8.1 functionality shall be directed to the Requiring Office. POC is Doug Smith and can be contacted at DSN 567-6424/25 or email to: smithdc@matcom.usmc.mil

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Doug Smith	9-25-00		9-25-00

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