STATEMENT OF WORK (SOW)

FOR THE ASSEMBLY OF THE

ASSAULT AMPHIBIOUS VEHICLE (AAV)
VTA-T525 ENGINE
NSN 2815-01-463-8066

SOW for the Assembly of the
AAV VTA-T525 Engine
NSN 2815-01-463-8066

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AAV VTA-T525 Engine
NSN 2815-01-463-8066

1.0 SCOPE. This SOW establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor in the assembly of the AAV VTA-T525 Engine, National Stock Number (NSN) 2815-01-463-8066, hereafter referred to as the Built-up 525 Engine. This document contains minimum requirements to assemble the Built-up 525 Engine 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, including materiel with more than six months shelf-life remaining".

1.1 Background. Assembly is defined as "all maintenance, administrative, and management techniques necessary to combine all required manufactured parts to make a complete product. This is accomplished through the acquisition of all necessary parts and assembly of those parts in accordance with a known configuration to produce the completed product".

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	DoD Standard Practice: Military Marking for Shipment and Storage

2.2 Other Government Documents and Publications

Engineering Drawing 7010026 CAGE 0MLM6	Engine, Diesel, 525 HP
Engineering Drawing 7010027 CAGE 0MLM6	Engine Assy, Diesel, 525 HP, Built-Up
Engineering Drawing 7010036 CAGE 0MLM6	Engine, Diesel Specification for
Engineering Drawing 7010466 CAGE 0MLM6	Engine, Built-up for Storage in Container

ATPD 2232	Preparation for Shipment and Storage of Engines

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 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 Command, Albany, Georgia 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., STE 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 all materials (except NSN 2815-01-470-3108), labor, facilities, and services necessary to assemble thirty-four (34) Built-up 525 Engines. Upon completion, the assembled Built-up 525 Engines shall be in Condition Code "A" as specified by engineering drawings 7010026, 7010027, and 7010466, CAGE 0MLM6.

b. Be responsible for all structural, electrical, and mechanical requirements associated with the assembly of the Built-up 525 Engines as specified by engineering drawings 7010026, 7010027, and 7010466, CAGE 0MLM6.

3.2 Detailed Tasks. The following tasks describe the different phases for the assembly of the Built-up 525 Engines.

3.2.1 Phase I – Acquisition and Assembly. The Contractor shall perform all necessary functions to acquire and assemble thirty-four (34) Built-up 525 Engines in accordance with engineering drawings 7010026, 7010027, and 7010466, CAGE 0MLM6. The Contractor shall be responsible for the acquisition, management, storage, integration and assembly of all components. The acquisition of NSN 2815-01-470-3108 will not be required of the Contractor, as it will be provided by the Marine Corps. The assembly and delivery of the Built-up 525 Engines shall be in accordance with Appendix A.

3.2.2 Phase II - Inspection, Testing, and Acceptance. Inspection, testing, and acceptance of the Built-up 525 Engine shall be conducted in accordance with ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. The Contractor shall 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 items being assembled under the terms of this SOW. The preservation shall be in accordance with Engineering Drawing 7010036, CAGE 0MLM6, paragraphs 5.1-5.4. Preparation for packaging shall be in accordance with Engineering Drawing 7010466, CAGE 0MLM6. Packaging shall be in accordance with Level "A" requirements of ATPD 2232 Type IV.

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

c. The Marine Corps will be responsible for providing the Contractor with the address(es) for shipment of the Built-up 525 Engines. 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 Contractor's 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 RFD's.

b. The creation and submission of RFD's shall be accomplished using MEARS CREATE software, which resides at a secure web site, https://mearsweb1.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 Quality Assurance Provisions

a. An evaluation of the Contractor's quality of work, material provided and documents written shall be subject to in-process review and inspection by Supply Chain Management Center, Code 571, Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The SCMC, Code 571, Albany, Georgia representative requires, at a minimum, two weeks notice of acceptance tests to allow for sufficient time for the SCMC, Code 571, Albany, Georgia representative to witness the test. Inspection by the SCMC, Code 571, Albany, Georgia 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.

b. The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. The Contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by the SCMC, Code 571, Albany, Georgia 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 reports shall be submitted in hard copy to Supply Chain Management Center, Attn: Code 571-1, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, unless directed otherwise in a Contract Data Requirements List.

4.1 Production Status Report. A monthly Production Status Report shall be submitted summarizing the progress and status of the Built-up 525 Engines. As indicated by Contract Data Requirements List A001 and Data Item Description DI-MGMT-81255, this report shall provide status on percentages of hang-ons and fabricate items ordered and received, production build status and delivery schedule, and reasons for delinquencies (if any) with recommended recovery. It should be noted that this report will be a means by which the Contractor and the Marine Corps can team to help identify and resolve issues pertaining to the Built-up 525 Engines. As such, the report or contact between the Contractor and the Marine Corps does not have to be limited on a monthly basis if pressing issues arise with the program.

APPENDIX A

Built-up 525 Engine Delivery Schedule

November 2004	December 2004	January 2005	February 2005	March 2005
8	8	8	8	2

Note: The above delivery schedule is contingent upon the Marine Corps delivering eight (8) basic 525 engines per month to the Contractor starting in October 2004. Any deviation to the delivery of basic 525 engines by the Marine Corps will be reflected by a corresponding deviation in the delivery of Built-up 525 Engines from the Contractor.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
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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

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: VTA-525 Engine	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Production Status Report	Monthly Production Status Report	
4. AUTHORITY *(Data Acquisition Document No.)*	**5. CONTRACT REFERENCE**	**6. REQUIRING OFFICE**	**18. ESTIMATED TOTAL PRICE**
DI-MGMT-81255	SOW 4.1	MARCORLOGCOM (Code 573)	

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

16. REMARKS

Block 4 - Delete the following paragraphs as they do not apply to this deliverable: 10.2.3, 10.2.5, and 10.2.6.

Paragraph 10.2.1.d, change "Contract number" to "SOW".

Identify by part number the percentage of hang-ons ordered and received. Also identify by part number the percentage of fabricated parts that have been received.

Block 14 - The Production Status Report shall be transmitted via e-mail to the following addresses: mack.williams@usmc.mil and darren.baltazar@usmc.mil with a courtesy copy to ginger.brown@usmc.mil.

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

14. DISTRIBUTION

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[signature]	AUG 0 5 2004	[signature]	AUG 0 5 2004

CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: VTA-T525 Engine	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
B001	Request For Deviation (RFD)	Configuration Management	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80640C	SOW Para 3.3	MARCORLOGCOM (566)	

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**
A	A		

16. REMARKS

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

BLKs 10 & 12 - RFDs shall be submitted to obtain authorization to deliver non-conforming material or processes, which does not meet, prescribed configuration documentation.

BLK 14 - RFD submission notification shall be sent to: pearline.skinner@usmc.mil.

MEARS RFD accompanying figures shall be created using a MICROSOFT formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.

Point of contact for MEARS CREATE question may be directed to pearline.skinner@usmc.mil.

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Pearline S	8/6/04	[illegible]	AUG 0 5 2004

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