STATEMENT OF WORK (SOW)

FOR THE ASSEMBLY OF THE

ASSAULT AMPHIBIOUS VEHICLE (AAV)
VTA-T525 ENGINE with Container
NSN 2815-01-490-0312

Statement of Work (SOW) for the Assembly of the
AAV VTA-T525 Engine with Container
NSN 2815-01-490-0312

Table of Contents

Paragraph/Section		Page
1.0	SCOPE	1
1.1	Background	1
2.0	APPLICABLE DOCUMENTS	1
2.1	Military Standards	1
2.2	Other Government Documentation and Publications	1
2.3	Industry Standards	2
3.0	REQUIREMENTS	2
3.1	General Tasks	3
3.2	Detailed Tasks	3
3.2.1	Phase I – Acquisition and Assembly	3
3.2.2	Phase II - Inspection, Testing and Acceptance	3
3.2.3	Phase III - Packaging, Handling, Storage and Transportation (PHS&T)	3
3.3	Configuration Management	4
3.4	Quality Assurance Provisions	4
4.0	REPORTS	5
4.1	Production Status Report	5

Appendix

A Built-up 525 Engine with Container Delivery Schedule

Statement of Work (SOW) for the Assembly of the
AAV VTA-T525 Engine with Container
NSN 2815-01-490-0312

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) 2815-01-490-0312, hereafter referred to as the Built-up 525 Engine with Container. This document contains minimum requirements to assembly the Built-up 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, 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 7004011 CAGE 0MLM6	Washer, Lock-Spring, Helical
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 7010058 CAGE 0MLM6	Engine and Container
Engineering Drawing 7010389 CAGE 0MLM6	Kit, Hardware, Power Plant Installation
Engineering Drawing 7010391 CAGE 0MLM6	Kit, Hardware, Engine Components Replacement
Engineering Drawing 7010466 CAGE 0MLM6	Engine, Built-up for Storage in Container
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP) Manual

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 drawing, 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 and 8145-01-141-2686), labor, facilities, and services necessary to assemble two (2) Built-up 525 Engines with Containers. Upon completion, the assembled Built-up 525 Engines with Containers shall be in Condition Code "A" as specified by Engineering Drawings 7004011, 7010026, 7010027, 7010058, 7010389, 7010391, and 7010466, CAGE 0MLM6.

b. Be responsible for all structural, electrical, and mechanical requirements associated with the assembly of the Built-up 525 Engines with Containers as specified by Engineering Drawings 7004011, 7010026, 7010027, 7010058, 7010389, 7010391, and 7010466, CAGE 0MLM6.

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

3.2.1 Phase I - Acquisition and Assembly. The Contractor shall perform all necessary functions to acquire all required items to assemble two (2) Built-up 525 Engines with Containers in accordance with Engineering Drawings 7004011, 7010026, 7010027, 7010058, 7010389, 7010391, 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 and 8145-01-141-2686 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 with Containers shall not exceed the date listed in Appendix A.

3.2.2 Phase II - Inspection, Testing, and Acceptance. Inspection, testing, and acceptance of the Built-up 525 Engines with Containers 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 packaging requirements shall be in accordance with Engineering Drawings 7010058 and 7010466, CAGE 0MLM6, and the preservation requirements shall be in accordance with Engineering Drawing 7010036, CAGE 0MLM6, paragraphs 5.1-5.4.

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 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 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 (SCMC) (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, Marine Corps Logistics Command, 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 Engine with Container. As indicated by Contract Data Requirements List A001 and Data Item Description DI-MGMT-81255, this report shall provide statuses on percentages of hang-ons and fabricated 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 shall 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 with Containers. 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 with Container Delivery Schedule

Date	Quantity Delivered
March 2005	2

Note: The above delivery schedule is contingent upon the Marine Corps delivering two (2) basic 525 engines by February 2005 to the Contractor. Any deviation to the delivery of the basic 525 engines by the Marine Corps could be reflected by a corresponding deviation in the delivery of Built-up 525 Engines with Containers from the Contractor.

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

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

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
VTA-T525 Engine w/Container		

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 4.1	MARCORLOGCOM (573)

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

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

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 10.2.1.3, change "Contract number" to "SOW".

Identify by part number the percentage of hang-ons ordered and received. also identify by part number the percentag of fabricated parts than 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	b. COPIES		
a. ADDRESSEE	Draft	Final Reg	Final Repro
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15. TOTAL →	0	2	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
John A. Wesley	8/13/04	John A. Wesley	8/13/04

Designed using Perform Pro, WHS/DIOR, Aug 96

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 w/Container	E. CONTRACT/PR NO.	F. CONTRACTOR

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	MARCORLOGCOM (566)

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

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

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

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

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

RFD submission/notification shall be sent to mbmatcomconfigmngmnt@logcom.usmc.mil.

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14. DISTRIBUTION

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[signature]	8/11/04	[signature]	8/13/04