Draft
Maintenance Concept Remains Consistent with Prior Fiscal Year

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

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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.