

STATEMENT
OF
WORK
(SOW)

FOR THE REBUILD OF THE AAV
POWER TAKE OFF ASSEMBLY
NSN 2990-00-225-3220

OR

POWER TAKE OFF ASSEMBLY
WITH CONTAINER
NSN 2990-00-118-4942

SOW-04-CBG-84409B-1/1

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1.0 SCOPE. This Statement of Work (SOW), along with TM-8F152B-25&P/A establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor facility in the rebuild of the Assault Amphibious Vehicle (AAV) Power Take-Off (PTO) or the PTO with Container. This document contains minimum requirements to restore the PTO or PTO 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) 2990-00-225-3220 identifies the PTO and NSN 2990-00-118-4942 identifies the PTO 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 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

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| MIL-STD-2073-1D | DoD Standard Practice for Military Packaging |
| MIL-STD-129 | DoD Standard Practice for Military Marking |

2.2 Other Government Documents and Publications

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|-----------------|-------------------------------------|
| DoD 4160.21-M | Defense Materiel Disposition Manual |
| DoD 4000.25-1-M | MILSTRIP Manual |
| TM 2350-45 | DMA Standard Procedures |

TM-8F152B-25&P/A	Power Plant Assembly AAV7A1
ECP 5183, CAGE 80064	Engineering Change Proposal of Transmission/PTO
Engineering Drawing 2587768, CAGE 80064	Naval Sea System Command Drawing for the Power Take Off
Engineering Drawing 2589053, CAGE 80064	Naval Sea System Command Drawing for the Power Take Off with Container

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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2.3 Industry Standards

ANSI/ISO/ASQC Q9003-1994	Quality Systems-Model for Quality Assurance in Final Inspection and Test
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Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management
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Copies of Military Standards and Specifications 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 442-1279 or <http://www.dodssp.daps.mil>. Copies of other government documents and publications required by the contractor in connection with specific SOW requirements shall be obtained from Commander, Marine Corps Logistics Bases, Attn: Publication Unit (Code 5863B), Albany, Georgia 31704-5000, commercial telephone number (229) 639-6258 or DSN 567-6258. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 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 and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, rebuild and calibrate as required to make the PTO or the PTO with Container fully operational. Upon completion of rebuild, the PTO or the PTO with Container shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Systems Command (MCSC), (Code CBG), 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 PTO or the PTO with Container as specified in TM-8F152B-25&P/A.

d. Ensure all PTO or PTO with Container meet the configuration of Naval Sea System Command Drawing 2587768 or 2589053, CAGE 80064.

e. All mandatory replacement parts identified in TM-8F152B-25&P/A shall be replaced 100%. Economically repairable 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 PTO or the PTO with Container.

3.2.1 Phase I – Rebuild. The contractor shall receive PTO or the PTO with Container for rebuild. The contractor shall then disassemble the PTO or the PTO with Container into 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 Engineering Change Proposal (ECP) 5183, of this SOW, shall be applied during the rebuild process. The configuration identification for the PTO is defined by the specifications annotated on current revision level of Naval Sea System Command drawing 2587768. The PTO with Container is defined by the specifications annotated on current revision level of Naval Sea System Command drawing 2589053. 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 PTO or the PTO with Container shall be conducted in accordance with TM-8F152B-25&P/A and ANSI/ISO/ASQC Q9003-1994. 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 for item(s) 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 MIL-STD-2037-1D, Method 55 for NSN 2990-00-118-4942 and Method 52 for NSN 2990-00-225-3220. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level “B” requirement.

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

c. The Marine Corps shall provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps shall be responsible for transportation costs associated with the shipping the subject equipment to and from the contractor.

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. Procedures or materials contained in manuals, standards, and instructions or engineering drawings/documents define the item's characteristics. 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 the RFDs shall be accomplished using MEARS CREATE software application, which resides at a secure government web site, <http://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 any technical or functional questions concerning usage of MEARS CREATE software to the Requiring Office for guidance. The contractor shall notify Requiring Office by electronic mail when completed RFDs are ready for formal submission.

3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (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 identify 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 (Materiel Management Department, management Control Activity (Code 573-2) 814 Radford blvd, STE 20320, Albany, GA 31704-0320) or faxing (commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).

3.5 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of the 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

3.6.1 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, (Code CBG), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (Code CBG), Albany, Georgia representative requires at a minimum, two weeks notice of acceptance test to allow for sufficient time for MCSC (CBG), Albany, Georgia representative to witness the test if he or she desires. Inspection by the MCSC (CBG), Albany, Georgia representative of acceptance tests, materiel's and associated lists 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.

3.6.2 The contractor shall provide and maintain a Quality System that as a minimum adheres to the requirements of ANSI/ISO/ASQC Q9003-1994. The contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MCSC (Code CBG), Albany, Georgia and/or their 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: (Code CBG), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, 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 PTO or PTO with container.

