

STATEMENT OF WORK (SOW)
FOR THE REBUILD OF THE
ASSAULT AMPHIBIOUS VEHICLE (AAV)

POWER TAKE-OFF (PTO) ASSEMBLY
NSN 2990-00-225-3220

OR

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

Statement of Work
for the Rebuild of the
Assault Amphibious Vehicle (AAV)
Power Take-Off (PTO) Assembly
NSN 2990-00-225-3220
or
Power Take-Off (PTO) Assembly with Container
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Table of Contents

<u>PARAGRAPH</u>	<u>TITLE</u>	<u>PAGE</u>
1.0	SCOPE	1
1.1	Background	1
2.0	APPLICABLE DOCUMENTS	1
2.1	Military Standards	1
2.2	Other Government Documents and Publications	1
2.3	Industry Standards	2
3.0	REQUIREMENTS	2
3.1	General Tasks	2
3.2	Detailed Tasks	3
3.2.1	Phase I-Rebuild	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	Government Furnished Equipment (GFE) Government Furnished Materiel (GFM)	4
3.5	Contractor Furnished Materiel (CFM)	4
3.6	Quality Assurance Provisions	5
4.0	REPORTS	5
4.1	Monthly Production Status Report	5

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NSN 2990-00-118-4942

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 facility in the rebuild of the Assault Amphibious Vehicle (AAV) Power Take-Off (PTO) or the PTO with Container, hereafter referred to as the PTO or 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

MIL-STD-2073-1D(1)	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage

2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

TM 2350-45	DMA Standard Procedures
TM-8F152B-25&P/A	Power Plant Assembly AAV7A1
ECP 5183	Drawing of Transmission/PTO
Engineering Drawing 2587768 CAGE 80064	Power Take-Off Assembly
Engineering Drawing 2589053 CAGE 80064	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 Q9001-2000	Quality Management Systems-Requirements
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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 on the Internet at <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 Contracting Officer: Contracts Department (Code 891), P.O. Box 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 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) (PMM143), Albany, Georgia representative.

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 each PTO or PTO with Container meets the configuration of Engineering Drawing 2587768, CAGE 80064 or Engineering Drawing 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 CAGE 80064 shall be applied during the rebuild process. The configuration identification for the PTO is defined by the specifications annotated on current revision level of Engineering Drawing 2587768, CAGE 80064. The PTO with Container is defined by the specifications annotated on current revision level of Engineering Drawing 2589053, CAGE 80064. Rebuild data plate shall be installed in the center, 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 Q9001-2000. 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 SOW. 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(1), 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” requirements.

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://mears1.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)/Government Furnished Materiel (GFM). The Management Control Activity (MCA) (Code 581-1B) will coordinate 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 a copy of the DD1348 to Materiel and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

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, PMM143, Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC, PMM143, Albany, Georgia representative requires, at a minimum, two weeks notice of acceptance test to allow for sufficient time for MCSC, PMM143, Albany, Georgia representative to witness the test. Inspection by the MCSC, PMM143, Albany, Georgia representative of acceptance tests, materiel 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 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 MCSC, PMM143, 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 deliverables report shall be submitted in hard copy to Marine Corps System Command, Attn: PMM143, 814 Radford Blvd., STE 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 PTO or PTO with Container.

