

STATEMENT  
OF  
WORK  
(SOW)  
FOR THE  
REBUILD OF THE  
AAV  
RIGHT ARM ASSEMBLY  
NSN 2530-00-438-5153  
SOW-01-834-1-8F936B-1/1

Dated 4 April 2000

STATEMENT OF WORK FOR THE REBUILD  
OF THE AAV RIGHT ARMS ASSEMBLY  
NSN 2530-00-438-5153

Table of Content

<u>PARAGRAPH</u>	<u>TITLE</u>	<u>PAGE</u>
1.0	Scope	1
1.1	Background	1
2.0	Applicable Document	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)	4
3.3	Configuration Management	4
3.4	Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM)	4
3.5	Contractor Furnished Materiel	5
3.6	Quality Assurance Provisions	5
4.0	Reports/Documentation	5

STATEMENT OF WORK FOR THE  
REBUILD OF THE AAV RIGHT ARM ASSEMBLY  
NSN 2530-00-438-5153

1.0 **SCOPE.** This Statement of Work (SOW), along with TM 09674A-25&P/4B establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Assault Amphibious Vehicle (AAV) Right Arm Assembly, hereafter referred to as the Right Arm Assembly. This document contains minimum requirements to restore the Right Arm Assembly 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) 2530-00-438-5153 identifies the Right Arm Assembly.

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 and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-2073-1C	DoD Standard Practice for Military Packaging
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MIL-STD-129	DoD Standard Practice for Military Marking
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Military Standards (Guidance Only)

MIL-STD-973	Configuration Management
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2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
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TM 2350-45	DMA Standard Procedures
TM 09674A-25&P/4B	Maintenance Instruction and Repair Parts List Organizational, Intermediate and Depot Assault Amphibious Vehicle Model 7A1 Family Of Vehicles and RAM/RS
TI-4700-45/6B	Installation of Repair/Overhaul Data Plates All Equipment End Items, Assemblies and Components
Drawing 2585206-1	Right Arm Assembly
DTD	Multi User Engineer Change Proposal Automated Review System (MEARS) Document Type Definitions (DTD)
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System

### 2.3 Industry Standards

ANSI/ISO/ASQC Q9003-1994	Quality Systems-Model for Quality Assurance in Final Inspection and Test
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Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Defense Automation Production Service Philadelphia, Building 40, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-2179 or <http://www.dodssp.daps.mil>. Copies of handbooks, publications and other Government documents required by the contractor in connection with specific SOW requirements shall be obtained, in writing, from: Commander, Marine Corps Logistics Bases, Attn: Publication Branch (Code 876), Albany, Georgia 31704-5000, Commercial (912) 439-5818/19, or DSN 567-5818/19. Copies of Drawings and Engineering Change Proposals required by the contractor shall be obtained in writing from Life Cycle Management Center, Attn: (Code 825-3), Marine Corps Logistics Bases, 814 Radford Blvd, STE 20302, Albany, Georgia, 31704-3020, Commercial (912) 439-6410 or DSN 567-6410.

### 3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

- a. Provide materiel's, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the Right Arm Assembly fully operational. Upon completion of the rebuild, the Right Arm Assembly shall be in Condition Code "A".
- b. Conduct final-on-site testing, which may be witnessed by Marine Corps Logistics Base Albany, Georgia (MARCORLOGBASEALB), (Code 834-1) representative at his/her discretion.
- c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the above components and assemblies as specified in TM 09674A-25&P/4B, TM 2350-45, TI-4700-45/6B, MIL-STD-2073-1C, and MIL STD-129.
- d. Ensure all Right Arm Assemblies meet the configuration of Naval Sea System Command Drawing 2585206-1.
- e. All mandatory replacement parts identified in TM 09674A-25&P/4B shall be replaced 100%. Economical 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 Right Arm Assembly.

**3.2.1 Phase I - Rebuild.** The contractor shall receive the Right Arm Assembly for rebuild. The contractor shall then disassemble the Right Arm Assembly into components and conduct the rebuild process. The contractor shall rebuild components in accordance with TM 09764A-25&P/4B and this SOW. The contractor shall be responsible for supplying all equipment, tools, test equipment, and materiel's for the conduct of this effort. The contractor shall be responsible for the integration and assembly of all components. The configuration identification for the Right Arm Assembly is defined by the specifications annotated on the current revision level of Naval Sea System Command Drawing 2585206-1. A Rebuild Data Plate shall be installed in accordance with TI-4700-45/6B.

**3.2.2 Phase II - Inspection, Testing, and Acceptance**

- a. The contractor shall provide a Certificate of Conformance with delivery of the final product attesting the product meets or exceeds the requirement of this SOW. The contractor will correct any deficiencies discovered.
- b. Inspection, testing, and acceptance of the Right Arm Assembly shall be conducted in accordance with TM 09674A-25&P/4B, and ANSI/ISO/ASQC Q9003-1994.

### 3.2.3 Phase III – Packaging, Handling, Storage, and Transportation (PHS&T)

a. The contractor shall be responsible for the application of preservation and packaging for items being repaired under the terms of this SOW. Items scheduled for long-term storage, or overseas destinations shall be in accordance with level “A” requirements of MIL-STD-2073-1C, Method 30. Items being prepared for domestic shipment, short-term storage, or immediate use shall be to level “B” requirements.

b. Marking shall conform to MIL-STD-129.

c. The Marine Corps shall provide the contractor with the shipping address(es) for the 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 shipping the subject equipment to and from the contractor.

### 3.3 Configuration Management

a. The contractor shall apply configuration control to established configuration items. The contractor shall not implement a design or performance change to items without receiving prior authorization from the contracting activity. The need to deviate from the written procedures or materials contained in the technical manuals/engineering drawings shall be requested by the electronic submission of a Request for Deviation (RFD)/Request for Waiver (RFW). MIL-STD-973, paragraph 5.4.3 or 5.4.4, provide guidance for preparing these configuration change documents. The contractor shall be furnished with MEARS DTD, and either the associated template for the production of electronic RFD/RFWs or the MEARS CREATE application. All electronic change submissions shall be prepared in accordance with the DTD. Delivery media and formats are contained in the application Contract Data Requirements List (CDRL).

b. The submission of electronic files shall be accomplished by the originator placing the file RFD/RFW files on the MARCORLOGBASEALB shared drive matcomapps05/mears/foaay or equivalent address. The originator shall notify the contracting activity of a RFD residing on applicable server by e-mail. As an alternative to placing the RFD/RFW on the server, the originator may e-mail the document using .zip files.

### 3.4 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM)

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into a product being manufactured/remanufactured under a contract/SOW. In the event the Marine Corps

docs have GFE/GFM requirement, the Management Control Activity (MCA) at MARCORLOGBASEALB (MCA/Code 827-2) will coordinate required GFE and will maintain a central control on Marine assets in the Contractors possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature to establish a chain of custody and property responsibility for Marine Corps assets.

### 3.5 Contractor Furnished Materiel (CFM)

The Marine Corps has adopted the Navy's procedures regarding CFM (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor may requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

### 3.6. Quality Assurance Provisions

a. 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 MARCORLOGBASEALB (Code-834-1) representative during contract performance. Inspection may be accomplished at any work location. The MARCORLOGBASEALB (Code 834-1) representative requires at a minimum, two weeks notice of acceptance tests to allow for sufficient time for MARCORLOGBASEALB (Code 834-1) representative to witness the test if he or she desires. Inspection by the MARCORLOGBASEALB (Code 834-1) 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.

b. 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 MARCORLOGBASEALB (Code 834-1) 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/Documentation

#### 4.1 Reports/Documentation that are required:

a. The contractor shall provide a Monthly Parts Usage Report on each Right Arm Assembly. The report shall be sequenced by Master Work Schedule Line Number (MWSLN) and Production Number.

b. The contractor shall provide a Monthly Production Status Report summarizing the progress and status of the Right Arm Assembly.







