

STATEMENT

OF

WORK

(SOW)

FOR THE REBUILD OF THE

AAV

M36E3 HEAD ASSEMBLY

NSN 1240-01-387-6728

SOW-04-CGB-8G828B-1/1

Dated 31 January 2002

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**STATEMENT OF WORK FOR THE REBUILD  
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NSN 1240-01-387-6728**

1.0. SCOPE. This Statement of Work (SOW), along with TM 8F419B-35&P 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) M36E3 Head Assembly (hereafter known as the M36E3 Head Assembly). This document contains minimum requirements to restore the M36E3 Head 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) 1240-01-387-6728 identifies the M36E3 Head 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-2073-1D	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking

2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
TM 8F419B-35&P	Maintenance Instruction and Repair Parts Intermediate and Depot M36E3 Periscope, Ugunned Weapons Station Assault Amphibious Vehicle Model 7A1 Family Of Vehicles and RAM/RS
TM 2350-45	DMA Standard Procedures

Marine Corps Systems Command    Head Assembly M36E3  
Drawing 7004156

DoD 4000.25-1-M                    MILSTRIP Manual

Military Handbooks (For Guidance)

MIL-HDBK-61                        Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9003-1994        Quality Systems-Model for Quality  
Assurance in Final Inspection and Test

Industry Standards (For Guidance)

ANSI/EIA-649                        National Consensus Standards for  
Configuration Management

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 442-2179 or <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 Bases, 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 583-1, 814 Radford Blvd. Suite 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 M36E3 Head Assembly fully operational. Upon completion of the rebuild, the M36E3 Head Assembly shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Systems Command (MCSC), (CBG) representative at his/her discretion.

c. The contractor shall be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the M36E3 Head Assembly specified in TM 8F419B-35&P, and TM 2350-45.

d. Ensure all M36E3 Head Assemblies meet the configuration of Marine Corps System Command Drawing 7004156.

e. All mandatory replacement parts identified in TM 8F419B-35&P 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 M36E3 Head Assembly.

3.2.1 Phase I – Rebuild. The contractor shall receive M36E3 Head Assembly for rebuild. The contractor shall then disassemble the M36E3 Head Assembly into components and conduct the rebuild process. The contractor shall rebuild components in accordance with the requirements in TM 8F419B-35&P 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 M36E3 Head Assembly is defined by the specifications annotated on the current revision level of Marine Corps Systems Command drawing 7004156. Upon completion of the rebuild, the M36E3 Head Assembly shall be in condition code "A". A 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 3/4" in length and 3/4" in height.

3.2.2 Phase II – Inspection, Testing, and Acceptance

Inspection, testing, and acceptance of the M36E3 Head Assembly shall be conducted in accordance with, TM 8F419B-35&P and ANSI/ISO/ASQC Q9003-1994. The contractor shall correct all 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 rebuilt under the terms of this Statement of Work. Items scheduled for long-term storage or shipment overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-2073-1D, Appendix J, and Table J.Ia. Specialized Preservation Code "DW". 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 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 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 it is 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 this configuration control document.

b. The creation and submission of RFDs shall be accomplished using MEARS CREATE software, which resides at a secure web site, <https://mearsweb.redstone.army.mil>. The contractor shall request User-ID and password privileges from the contracting activity for the purpose of gaining access to the web site and creating RFDs. MEARS CREATE privileges for the contractor shall be limited to two representatives and shall provide their e-mail address to the contracting agency upon request. The contractor shall notify the contracting activity by electronic mail when completed MEARS RFDs are ready for formal submission and review. The contractor shall direct technical or functional questions concerning usage of MEARS CREATE software to the contracting activity for guidance.

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 (CBG) representative during contract performance. Inspection may be accomplished at any work location. The MCSC (CBG) representative requires, at a minimum, two weeks notice of acceptance test to allow for sufficient time for MCSC (CBG) representative to witness the test if

he or she desires. Inspection by the MCSC (CBG) 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 (CBG) 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. The contractor shall provide one copy of the below reports to the following address: Marine Corps Systems Command, Attn: (CBG), 814 Radford Blvd., Suite 20343, Albany, Georgia 31704-0343.

4.1 Monthly Production Status Report. The contractor shall provide a Monthly Production Status Report summarizing the progress and status of the M36E3 Head Assembly.



