STATEMENT
OF
WORK
(SOW)

FOR THE
REBUILD OF THE

AAV
MAGNETIC DRIVE ASSEMBLY

NSN 3010-01-227-5862

SOW-04-CBG-8D507B-1/1

11 March 2002

STATEMENT OF WORK FOR THE REBUILD OF THE AAV MAGNETIC DRIVE ASSEMBLY NSN 3010-01-227-5862

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STATEMENT OF WORK FOR THE REBUILD OF THE AAV MAGNETIC DRIVE ASSEMBLY NSN 3010-01-227-5862

1.0 SCOPE. This Statement of Work (SOW), along with TM 07267B-25&P/2 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) Magnetic Drive Assembly, hereafter referred to as the Magnetic Drive Assembly. This document contains minimum requirements to restore the Magnetic Drive 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) 3010-01-227-5862 identifies the Magnetic Drive 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 2350-45	DMA Standard Procedures
TM 07267B-25&P/2	Maintenance Instruction and Repair Parts List Organizational, Intermediate and Depot Assault Amphibious Vehicle Recovery Model 7A1 AAVR&A1
Navy Sea System Command Drawing 5433196	Magnetic Drive Assembly

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

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 the contractor 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., STE 20302, 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, repair, rebuild, and calibrate as required to make the Magnetic Drive Assembly fully operational. Upon completion of the rebuild, the Magnetic Drive Assembly shall be in Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Systems Command (MCSC) (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 above components and assemblies as specified in TM 07267B-25&P/2, and TM 2350-45.

d. Ensure all Magnetic Drive Assemblies meet the configuration of Navy Sea System Command Drawing 5433196.

e. All mandatory replacement parts identified in TM 07267B-25&P/2 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 Magnetic Drive Assembly.

3.2.1 Phase I - Rebuild. The contractor shall receive the Magnetic Drive Assembly for rebuild. The contractor shall then disassemble the Magnetic Drive Assembly into components and conduct the rebuild process. The contractor shall rebuild components in accordance with TM 07267B-25&P/2 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 configuration identification for the Magnetic Drive Assembly is defined by the specifications annotated on the current revision level of Navy Sea System Command Drawing 5433196.

3.2.2 Phase II - Inspection, Testing, and Acceptance. Inspection, testing, and acceptance of the Magnetic Drive Assembly shall be conducted in accordance with TM 07267B-25&P/2, 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 items being rebuilt under the terms of this statement of work. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with level "A" requirements of MIL-STD-2073-1D, Appendix J, Table J.Ia Specialized Preservation Code "DB". Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with 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 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 RFDs shall be accomplished using MEARS CREATE software, which resides at a secure web site, https://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 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 Government Furnished Equipment (GFE) and Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Material (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: Material Management Department, Management Control Activity (Code 573-2), 814 Radford Blvd., STE 20320, Albany, GA 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 material 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/deliver date.

3.6. Quality Assurance Provisions

3.6.1 The performance of the contractor's quality of work performed, materiel provided and documents written shall be subject to in-process review and inspection by the MCSC (CBG), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (CBG), Albany, Georgia representative shall be permitted to observe the work/tasks accomplishment and/or to conduct inspections at any reasonable hour.

Acceptance Tests shall be held in-plant. The MCSC (CBG), Albany, Georgia representative requires, at a minimum, two weeks notification of acceptance test to allow for sufficient time for MCSC (CBG), Albany, Georgia representative to witness acceptance, if he or she desires. Inspection by the MCSC (CBG), Albany, Georgia representative of all acceptance tests, materials 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), 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 report deliverables shall be submitted in hard copy to Marine Corps Systems Command, Attn: (CBG), 814 Radford Blvd., Suite 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 Magnetic Drive Assembly.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: AAV Magnetic Drive Assembly	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No.: A001	2. TITLE OF DATA ITEM: Contractor's Progress, Status, and Management Report	3. SUBTITLE: Monthly Progress Report
4. AUTHORITY *(Data Acquisition Document No.)*: DI-MGMT-80227	5. CONTRACT REFERENCE: Paragraph 4.1	6. REQUIRING OFFICE: MARCORSYSCOM (CBG), Albany
7. DD 250 REQ.: LT	9. DIST STATEMENT REQUIRED: A	10. FREQUENCY: MTHLY
8. APP CODE: N/A		11. AS OF DATE:
12. DATE OF FIRST SUBMISSION: See Blk 16	13. DATE OF SUBSEQUENT SUBMISSION: See Blk 16	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

Contractor format is authorized.

Block 4 – Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, 10.3j, 10.3k, and 10.3n.

Block 12 – The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 days after contract.

Block 13 – Subsequent submissions shall be 10 days after the last business day of each month.

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14. DISTRIBUTION

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15. TOTAL	0	1	0

G. PREPARED BY:	H. DATE	I. APPROVED BY:	J. DATE
EE Hoffman	03/11/02	EE Hoffman	03/11/02

DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED

Designed using Perform Pro, WHS/D/or, Aug 96

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
AAV Magnetic Drive Assembly		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B001	Request For Deviation	Configuration Management

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW 3.3	MCLBA (583-1)

7. DD 250 REQ	8. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
		A/R	A/R
9. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
	A		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

MEARS CREATE user-id and password will be assign by the Requiring Office.

MEARS RFD text files shall be submitted electronically using MICROSOFT (.doc) or ADOBE (.pdf) formatted software products.

Accompanying figures to the text files shall be in a MICROSOFT format or CCITT Group 4 graphic file. Group 4 files shall have a minimum density of 600dpi.

Questions concerning MEARS CREATE V8.1 functionality shall be directed to the Requiring Office. POC is Doug Smith and be contacted at dsn 567-6057 or email to: smithdc@matcom.usmc.mil

RFD notification shall be accomplished via e-mail to the following address:
"mbmatcomconfigmngmnt@matcom.usmc.mil"

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14. DISTRIBUTION

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15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Douglas Smith	2-21-02	R E Hoffman	03/11/02