STATEMENT OF WORK (SOW)

FOR THE

REBUILD OF THE

ASSAULT AMPHIBIOUS VEHICLE (AAV)

HYDROSTATIC STEERING UNIT (HSU)

WITHOUT CONTAINER

NSN 2530-01-125-0461

AND

HYDROSTATIC STEERING UNIT

WITH CONTAINER

NSN 2530-01-141-8617

STATEMENT OF WORK (SOW) FOR THE REBUILD OF THE ASSAULT AMPHIBIOUS VEHICLE (AAV) HYDROSTATIC STEERING UNIT (HSU) WITHOUT CONTAINER NSN 2530-01-125-0461 AND HYDROSTATIC STEERING UNIT WITH CONTAINER NSN 2530-01-141-8617

TABLE OF CONTENTS

PARAGRAPH/SECTION		PAGE
1.0	SCOPE	1
1.1	Background	1
2.0	APPLICABLE DOCUMENTS	1
2.1	Military Standards	1
2.2	Other Government Documentation 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, Acceptance	3
3.2.3	Phase III - Packaging, Handling, Storage and Transportation (PHS&T)	3
3.3	Configuration Control	4
3.4	Government Furnished Equipment (GFE)/ Government Furnished Materials (GFM)	4
3.5	Contractor Furnished Material (CFM)	4
3.6	Quality Assurance Provisions	5
4.0	REPORTS	5

STATEMENT OF WORK FOR THE REBUILD OF THE ASSAULT AMPHIBIOUS VEHICLE (AAV) HYDROSTATIC STEERING UNIT (HSU) WITHOUT CONTAINER NSN 2530-01-125-0461 AND HYDROSTATIC STEERING UNIT WITH CONTAINER NSN 2530-01-141-8617

1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&PA establishes, sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild of the Assault Amphibious Vehicle (AAV) Hydrostatic Steering Unit (HSU) or the HSU with Container (hereafter referred to as the HSU or HSU with Container). This document contains minimum requirements to restore the HSU or HSU with Container to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitations or restrictions including materiel with more than six months shelf-life remaining". The HSU without Container is identified by National Stock Number 2530-01-125-0461, and the HSU with Container is identified by National Stock Number 2530-01-141-8617.

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	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice: Military Marking for Shipping and Storage

2.2 Other Government Documents and Publications

DoD 4160.21-M	Defense Materiel Disposition Manual
TM 8F152B-25&PA	Power Plant Assembly Assault Amphibious Vehicle (AAV&A1-Models AAV7A1, AAVC7A1, AAVR7A1)
TM 2350-45	DMA Standard Procedures
Engineering Drawing 5419074 CAGE 53711	Hydrostatic Steering Unit
Engineering Drawing 2600069 CAGE 80064	Hydrostatic Steering Unit with Container
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

Military Handbooks (Guidance Only)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems-Requirements

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Specifications and Standards 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 on the Internet at http://www.dodssp.daps.mil. Copies of other Government documents and publications requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. 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 drawing, 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, repair, rebuild, and calibrate as required to make the HSU or the HSU with Container fully operational. Upon completion of the rebuild, the HSU or the HSU with Container shall be Condition Code "A".

b. Conduct final-on-site testing, which shall 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 HSU or the HSU with Container as specified in TM 8F152B-25&PA, TM 2350-45.

d. Ensure each HSU meets the configuration of Engineering Drawing 5419074; CAGE 53711, and each HSU with Container meets the configuration of Engineering Drawing, 2600069, CAGE 80064.

e. All mandatory replacement parts identified in TM 8F152B-25&PA shall be replaced 100 percent. 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 HSU or the HSU with Container.

3.2.1 Phase I - Rebuild. The Contractor shall receive HSU or the HSU with Container for rebuild. The Contractor shall then disassemble the HSU or the HSU with Container into components and conduct the rebuild process. The Contractor shall rebuild components in accordance with the requirements in TM 8F152B-25&PA 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 HSU is defined by the specifications annotated on current revision levels of Engineering Drawing, 5419074, CAGE 53711. The HSU with Container is defined by the specifications annotated on current revision levels of Engineering Drawing 2600069, CAGE 80064. A Rebuild Data Plate shall be installed, centered 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, Acceptance

a. Inspection, testing, and acceptance of the HSU or the HSU with Container shall be conducted in accordance with TM 8F152B-25&P and ANSI/ISO/ASQC Q9001-2000. Any deficiencies found will be corrected by the contractor.

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

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this SOW. Items being prepared for long term storage or shipment to overseas destinations shall be in Level "A" in accordance with MIL-STD-2073-1D, Method 52 for HSU without Container and Method 55 for HSU with Container. HSU or HSU with Container 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 delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site (s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the contractor.

3.3 Configuration Control

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://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 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)/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 property responsibility 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 DD 1348 to Materiel and Distribution 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 materiels as required in the performance of this SOW through the DoD Supply System. DoD 4000.25-1-M

(MILSTRIP) Chapter 11 provides guidance to the Contractors on the requisitioning process. The 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, materiel 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 shall be permitted to observe the work/tasks accomplishment and/or to conduct inspections during Contractor's normal working hours. Acceptance Tests shall be held in-plant. The MCSC (PMM143), Albany, Georgia representative requires, at a minimum, two weeks notification of acceptance test to allow for sufficient time for MCSC (PMM143), Albany, Georgia representative to witnessing acceptance. Inspection by the MCSC (PMM143), Albany, Georgia representative of all acceptance tests, materiels 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. 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 reports deliverables shall be submitted in hard copy to Marine Corps Systems Command, Attn: PMM143, 814 Radford Blvd., STE 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 HSU and the HSU with Container.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM AAV HSU with Container	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	PRODUCTION STATUS REPORT	Monthly Production Status Report

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81255	SOW 4.1	PMM 143/AAVS

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		MTHLY	see Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
	A		

16. REMARKS

Block 4 Contractor format is authorized. Delete the following paragraphs as they do not apply to the deliverable. 10.1,10.2.3, 10.2.5, 10.2.6, and 10.2.9

In paragraph 10.2.1.d use job order number or contract number

In paragraph 10.24 and 10.27 replace "CLIN" with "CLIN or MWSLIN" (Master work Schedule Line Item Number)

Blocks 10 and 12. The report shall be submitted on the tenth of each month. The first submission shall be 30 days after the contract award.

The production Status Report shall be transmitted via E-Mail to the following addresses HoffmanRE@mcsc.usmc.mil and MaynardVM@matcom.usmc.mil

Distribution Statement A: Approval for public release, distribution is unlimited.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
MCSC (AAVS)	0	1	0
Albany,GA			
(SCMC (584-2)	0	1	0
Albany, GA			
15. TOTAL →	0	2	0

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
[signature]	10-24-03	[signature]	10-24-03

DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED. Page ____ of ____ Pages

Designed using Perform Pro, WHS/DIOR, Aug 96

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: AAV HSU	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A002	PRODUCTION STATUS REPORT	Monthly Production Status Report	18. ESTIMATED TOTAL PRICE

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81255	SOW 4.1	PMM 143/AAVS

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	MTHLY	see Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**

16. REMARKS

Block 4 Contractor format is authorized. Delete the following paragraphs as they do not apply to the deliverable. 10.1,10.2.3, 10.2.5, 10.2.6, and 10.2.9

In paragraph 10.2.1.d use job order number or contract number

In paragraph 10.24 and 10.27 replace "CLIN" with "CLIN or MWSLIN" (Master work Schedule Line Item Number)

Blocks 10 and 12. The report shall be submitted on the tenth of each month. The first submission shall be 30 days after the contract award.

The production Status Report shall be transmitted via E-Mail to the following addresses HoffmanRE@mcsc.usmc.mil and MaynardVM@matcom.usmc.mil

Distribution Statement A: Approval for public release, distribution is unlimited.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
MCSC (AAVS)	0	1	0
Albany,GA			
(SCMC (584-2)	0	1	0
Albany, GA			
15. TOTAL →	0	2	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
[signature]	10-24-03	[signature]	10-24-03

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: Hydrostatic Steering Unit	E. CONTRACT/PR NO.	F. CONTRACTOR

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

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW Para 3.3	MCLCA (566)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
NO		ASREQ	ASREQ
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A	A		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

BLK 4 - MEARS RFD text files shall be created using MICROSOFT (.doc) or ADOBE (.pdf) formatted software products.

BLKs 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material or processes which do not meet prescribed configuration documentation.

BLK 14 - RFD submission notification shall be sent to smithdc@logcom.usmc.mil.

MEARS RFD accompanying figures shall be created using a MICROSOFT formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.

Point of contact for MEARS CREATE question may be directed to Doug Smith at DSN 567-6425 or smithdc@logcom.usmc.mil .

Distribution Statement A: Approved for public release, distribution is unlimited

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
MCLCA (566-1)	0	1	0
MCSCA (AFSS)	0	0	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
[signature]	10-16-2003	[signature]	

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

Designed using Perform Pro, WHS/DIOR, Aug 96