STATEMENT OF WORK

(SOW)

FOR THE

HYDROSTATIC STEERING UNIT or HYDROSTATIC STEERING UNIT WITH CONTAINER REBUILD

NSN 2530-01-125-0461 W/O CONTAINER
NSN 2530-01-141-8617 W CONTAINER

SOW-01-834-1-84406E-1/1
Dated 7 Feb 2000

HYDROSTATIC STEERING UNIT
REBUILD
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HYDROSTATIC STEERING UNIT
2530-01-125-0461
OR
HYDROSTATIC STEERING UNIT WITH CONTAINER
2530-01-141-8617
REBUILD

1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&PA 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) Hydrostatic Steering Unit (HSU) or the HSU with Container. These documents contain 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". The HSU 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-2073-1C	DoD Standard Practice for Military Packaging
MIL-STD-129	Standard Practice for Military Marking

Military Standards (Guidance Only)

MIL-STD-973	Configuration Management

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
TM-4700-45/6B	Installation Of Repair/Overhaul Data Plates-All Equipment End Item, Assemblies and Components
Drawing 5419074	Hydrostatic Steering Unit
Drawing 2600069	Hydrostatic Steering Unit with Container
DTD	Mears Document Type Definition
DOD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Material From The Federal Supply System

2.3 Industry Standards

ANSI/IS0/ASQC Q 9003-1994	Quality Systems-Model for Quality Assurance in Final Inspetion and Testing

Copies of military Military Standards and Specifications are available from the DOD Single Stock Point, Defense Automation Production Service, Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179 or http://www.dodssp.daps.mil. Copies of other Government documents and publications required in connection with specific SOW requirements shall be obtained, from: Commander, Attn: (Code 876), Marine Corps Logistics Base, 814 Radford Boulevard, Albany, Georgia 31704-1128, Comm (912) 439-6410 or DSN 567-6410.) (Copies of Drawings and Engineering Change Proposals required by the Contractor shall be obtained from: Commander, Attn: (Code 825-3), Marine Corps Logistics Bases, 814 Radford Boulevard, Albany, Georgia 31704-1128, Comm (912) 439-6423/4 or DSN 567-6423/4.

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 Logistics Base (MARCORLOGBASEALB), Georgia (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 HSU or the HSU with Container as specified in TM 8F152B-25&PA, TM 2350-45, TM-4700-45/6B, MIL-STD-2073-1C, and MIL-STD-129.

d. Ensure all HSU or HSU with Container meet the configuration of Naval Sea System Command Drawings 5419074 or 2600069.

e. All mandatory replacement parts identified in TM 8F152B-25&PA 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 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 the current revision level of Naval Sea System Command drawing 5419074. The HSU with Container is defined by the specifications annotated on the current revision level of Naval Sea System Command drawing 2600069. A Rebuild Data Plate shall be installed in accordance with TM-4700-45/6B.

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/IS0/ASQC Q 9003-1994.

b. The contractor shall provide a certificate of Conformance with delivery of the final product attesting the product meets or exceeds the requirement of the SOW. Any defiiencies discovered 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 for items repaired under the terms of this statement of work. Items being prepared for long term storage or shipment to overseas destinations shall be in accordance with the level A requirements of MIL-STD-2037-1C, Method 52 for HSU w/o container, and Method 55 for HSU w/container. HSU with container or w/o conatiner being prepared for domestic shipment, immediate use or short term storage shall be to level B requirements.

b. Marking 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 to established configuration items.The contractor shall not implement a design or performance change to any item 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/Request for Waiver (RFD/RFW). MIL-STD-973, paragraph 5.4.3 and 5.4.4, provide guidance for preparing these configuration change documents. The contractor shall be furnished with MEARS Document Type Definitions (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 Requirement List.

b. The submission of electronic files shall be accomplished by the originator placing the file RFD/RFW files on the MCLBA shared drive, matcomapps05/mears/foaav 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)/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/statement of work. In the event the Marine Corps does have a GFE/GFM requirement the Management Control Activity (MCA) at MCLB (MCA/Code 827-2), will coordinate required GFE and maintain a central control on Marine Corps 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 Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Material is required for repair parts, the DOD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

3.6 Quality Assurance Provisions

3.6.1 The performance of the contractors quality of work performed, material provided and documents written shall be subject to in-process review and inspection by the MARCORPLOGBASEALB representative during contract performance. Inspection may be accomplished at any work location. The MARCORLOGBASEALB 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 MARCORLOGBASEALB representative requires, at a minimum, two weeks notification prior to acceptance testing is to be done, to allow for sufficient time for witnessing these tests. Inspection by the MARCORLOGBASEALB 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. The contractor shall provide and maintain a Quality System that as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q 9003-1994.

3.6.2 The contractors work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by MARCORLOGBASEALB 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. Not withstanding such inspection, it shall be the contractors responsibility to ensure that the entire system meets the performance requirements of this SOW.

4.0 REPORTS\DOCUMENTATION

4.1 Report/Documents that are required

a. The contractor shall provide a Monthly Parts Usage Report on each HSU. The report shall be sequenced by Master Work Schudle Line Number and Production Number (MWSLIN).

b. The contractor shall provide a monthly Production Status Report summarizing the progress and status of the HSU.

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: HSU	E. CONTRACT/PR NO.	F. CONTRACTOR
1. DATA ITEM NO.: A001	2. TITLE OF DATA ITEM: Production Status Report	3. SUBTITLE
4. AUTHORITY *(Data Acquisition Document No.)*: DI-MGMT-81255	5. CONTRACT REFERENCE: SOW 4.1.b	6. REQUIRING OFFICE: MCLBA (834)
7. DD 250 REQ: LT	8. DIST STATEMENT REQUIRED: A	10. FREQUENCY: MTHLY
12. DATE OF FIRST SUBMISSION: See Blk 16	8. APP CODE	11. AS OF DATE
13. DATE OF SUBSEQUENT SUBMISSION: See Blk 16	17. PRICE GROUP	18. ESTIMATED TOTAL PRICE

16. REMARKS

Contractor format is authorized.

Blk 4 - Tailor DI-MGMT-81255 as follows: Delete paragraphs 10.1, 10.2.3, 10.2.5, 10.2.6, and 10.2.9.

In paragraphs 10.2.4 and 10.2.7, replace the word "CLIN" with "MWSLI" (Master Work Schedule Line Item Number._)

Blks 10, 12 & 13 - The report shall be submitted on the 10th 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 address: HoffmanRE@matcom.usmc.mil.

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

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
MCLBA (834-1)	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
RE Hoffman	4 Feb 2000	RE Hoffman	2/04/00

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

Designed using Perform Pro, WHS/DIOR, Aug 96

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D. SYSTEM/ITEM: HSU	E. CONTRACT/PR NO.	F. CONTRACTOR
1. DATA ITEM NO.: B001	2. TITLE OF DATA ITEM: Parts Usage Report	3. SUBTITLE
4. AUTHORITY *(Data Acquisition Document No.)*: DI-ILSS-80386	5. CONTRACT REFERENCE: SOW 4.1.a	6. REQUIRING OFFICE: MLCBA (834)
7. DD 250 REQ: LT	8. DIST STATEMENT REQUIRED: A	10. FREQUENCY: ASREQ
9. APP CODE	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.

Blk 4 - Delete the following paragraphs. These paragraphs do not apply to this deliverable: 10.1, 10.2, 10.2.4, 10.2.5, 10.2.6, 10.2.7, 10.2.8, and 10.2.9.

Blks 10, 12 & 13 - The report shall be submitted on the 10th of each month. The first submission shall be 30 days after the contract award.

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: HSU	E. CONTRACT/PR NO.	F. CONTRACTOR
1. DATA ITEM NO.: C001	2. TITLE OF DATA ITEM: Request For Deviation	3. SUBTITLE: Configuration Management
4. AUTHORITY (Data Acquisition Document No.): DI-CMAN-80640B	5. CONTRACT REFERENCE: SOW 3.3	6. REQUIRING OFFICE: MCLBA (825)
7. DD 250 REQ: LT	9. DIST STATEMENT REQUIRED: A	10. FREQUENCY: ASREQ
8. APP CODE:	11. AS OF DATE:	12. DATE OF FIRST SUBMISSION: SEE BLK 16
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16. REMARKS

MEARS CREATE files shall be provided as an electronic submission. Any supporting documentation shall be submitted as enclosures or figures to the MEARS text files. MEARS text files shall be created in MS Word, MS Excel or CCITT Group IV graphic files. Group IV graphic files shall include MILS-STD-1840 CAL data file header. Graphic density for drawings shall be submitted as 600 dpi.

RFDs or .zip files shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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D. SYSTEM/ITEM: HSU	E. CONTRACT/PR NO.	F. CONTRACTOR
1. DATA ITEM NO.: C002	2. TITLE OF DATA ITEM: Request For Waiver	3. SUBTITLE: Configuration Management
4. AUTHORITY (Data Acquisition Document No.): DI-CMAN-80641B	5. CONTRACT REFERENCE: SOW 3.3	6. REQUIRING OFFICE: MCLBA (825)
7. DD 250 REQ: LT	9. DIST STATEMENT REQUIRED: A	10. FREQUENCY: ASREQ
8. APP CODE	11. AS OF DATE	12. DATE OF FIRST SUBMISSION: SEE BLK 16
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