STATEMENT

OF

WORK

(SOW)

FOR REBUILD OF THE

HS-400-3A1 TRANSMISSION
NSN 2520-01-113-6132
OR
HS-400-3A1 TRANSMISSION WITH CONTAINER
NSN 2520-01-134-3891

TO

HS-400-3A1-1 TRANSMISSION
NSN 2520-01-390-3750
OR
HS-400-3A1-1 TRANSMISSION WITH CONTAINER
NSN 2520-01-400-2206

Statement of Work (SOW) for the Rebuild of the
HS-400-3A1 Transmission, NSN 2520-01-113-6132 or HS-400-3A1 Transmission with Container, NSN 2520-01-134-3891 to the HS-400-3A1-1 Transmission, NSN 2520-01-390-3750 or HS-400-3A1-1 with Container, NSN 2520-01-400-2206

TABLE OF CONTENTS

PARAGRAPH/SECTION		PAGE
1.0	SCOPE	
1.1	Background	1
2.0	APPLICABLE DOCUMENTS	1
2.1	Military Standards	1
2.2	Other Government Documents and Publications	1
2.3	Industry Standards	2
3.0	REQUIREMENTS	3
3.1	General Tasks	3
3.2	Detailed Tasks	3
3.2.1	Phase I-Rebuild	3
3.2.2	Phase II-Inspection, Testing, Acceptance	4
3.2.3	Phase III Packaging, Handling, Storage and Transportation (PHS&T)	4
3.3	Configuration Control	4
3.4	Government Furnished Equipment (GFE) and Government Furnished Material (GFM	4
3.5	Contractor Furnished Material (CFM)	5
3.6	Quality Assurance Provisions	5
4.0	REPORTS	6
4.1	Monthly Production Status Report	6

Statement of Work (SOW) for the Rebuild of the
HS-400-3A1 Transmission, NSN 2520-01-113-6132 or HS-400-3A1 Transmission with Container, NSN 2520-01-134-3891 to the HS-400-3A1-1 Transmission, NSN 2520-01-390-3750 or HS-400-3A1-1 with Container, NSN 2520-01-400-2206

1.0 SCOPE. This Statement of Work (SOW), along with TM 8F152B-25&P/A 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) HS-400-3A1 Transmission and, HS-400-3A1 Transmission with container to the, HS-400-3A1-1 Transmission, and the HS-400-3A1-1 Transmission with container, hereafter referred to as the HS-400 Transmission. This document contains minimum requirements for the rebuild of the HS-400 Transmission 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". Upon completion of the rebuild the HS-400 Transmission shall be identified by National Stock Number (NSN) 2520-01-390-3750 and the HS-400 Transmission with Container shall be identified by (NSN) 2520-01-400-2206. Both NSNs shall be without Power Take Off and Hydrostatic Steering Units.

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(1)	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage

2.2 Other Government Documents and Publications

DoD 4160.21-M-1	Defense Demilitarization Manual
TM 2350-45	DMA Standard Procedures

TM-8F152B-25&P/A	Power Plant Assembly Assault Amphibious Vehicle (7A1 Family of Vehicles and RAM/RS)
Engineering Drawing 2600087, CAGE 80064	Transmission Assembly HS-400-3A1
Engineering Drawing 2600091, CAGE 80064	Transmission Assembly HS-400-3A1 with Container
Engineering Drawing 6227600, CAGE 53711	Transmission Assembly HS-400-3A1-1
Engineering Drawing 6227606, CAGE 53711	Transmission Assembly HS-400-3A1-1 with Container
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP) Manual

Military Handbooks (For Guidance)

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 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 on the Internet at http://www.dodssp.daps.mil. Copies of Government documents and publications requirements shall be obtained through the Program Managers Office, Assault Amphibious Vehicle Systems, 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343, commercial telephone number (229) 639-6449 or DSN 567-6449. Contractors having a .mil address can obtain copies of Government documents and publications by visiting the Albany Website at http://pubs.ala.usmc.mil. Copies of Engineering drawings, 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) 639-6761 or DSN 567-6761.

3.0 REQUIREMENTS

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

a. Provide components, materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the HS-400 Transmission fully operational. Upon completion of the rebuild the HS-400 Transmission shall be Condition Code "A".

b. Conduct final-on-site testing, which may be witnessed by Marine Corps Systems Command (MCSC) (PMM143), Albany, Georgia representative.

c. Be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the HS-400 Series Transmissions as specified in TM 8F152B-25&P/A and this SOW.

d. Ensure all HS-400 Transmissions meet the configuration of Engineering Drawing 6227600, CAGE 53711 or Engineering Drawing 6227606, CAGE 53711. The HS-400 Transmission shall be minus the Hydrostatic Steering Unit and Power Take Off.

e. Replace all mandatory replacement parts in accordance with TM 8F152B-25&P/A. 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-1.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the HS-400 Transmission.

3.2.1 Phase I - Rebuild

a. The Contractor shall receive the HS-400 Transmission Engineering Drawings 2600087 and 2600091, CAGE 80064, for rebuild. The Contractor shall then disassemble the HS-400 Transmission into components and conduct the rebuild process. The Contractor shall configure components in accordance with the requirements in TM-8F152B-25&P/A and this SOW.

b. 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.

c. Upon completion of the rebuild process, the HS-400 Transmission shall be to the configuration of Engineering Drawing 6227600, CAGE 53711 or Engineering Drawing 6227606, CAGE 53711. A Rebuild Data Plate shall be installed centered below the Item Identification Plate. The Rebuild Data Plate shall contain the following: (REBUILT BY:) AND (DATE REBUILT:). The plate shall be no more than .008 inches thick, 2 ¾ inches in length and ¾ inches in height.

3.2.2 Phase II - Inspection, Testing, Acceptance. Inspection, testing, and acceptance of the 400 Transmission shall be conducted in accordance with TM-8F152B-25&P/A, and ANSI/ISO/ASQC Q9001-2000. 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 on all items being repaired under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with Level "A" requirements of MIL-STD-2073-1D(1), Method 54, for Transmission with out container, and Method 55 for Transmission with container. 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 will provide the Contractor with the shipping address (es) for delivery of the rebuilt equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation cost associated with the 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 this configuration document.

b. The creation and submission of RFDs shall be accomplished using MEARS CREATE software, which resides at a secure website, https://mears1.redstone.army.mil. For the purpose of gaining access to the website, 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 Management

Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320 or faxing 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 Contractors 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

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 MCSC (PMM143), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (PMM143), Albany, Georgia representative requires at a minimum, two weeks notice of acceptance tests to allow for sufficient time for the MCSC (PMM143), Albany, Georgia representative to witness the test. Inspection by the MCSC (PMM143), Albany, Georgia representative of acceptance tests, materiels and associated list furnished hereunder does not relieve the Contractor from any responsibility regarding defects or other failures in meeting 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 Q9001-2000. The Contractor's work shall be subject to reviews and inspections for compliance with these procedures and standards by the 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 deliverable reports shall be submitted in hard copy to Marine Corps Systems Command, Attn: PMM143, 814 Radford Blvd., STE 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 summarizing the progress and status of the HS 400 Transmission.

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: HS-400 Series Eng. and Eng. w/contain	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
B001	Request For Deviation (RFD)	Configuration Management	
4. AUTHORITY *(Data Acquisition Document No.)*	**5. CONTRACT REFERENCE**	**6. REQUIRING OFFICE**	**18. ESTIMATED TOTAL PRICE**
DI-CMAN-80640C	SOW Para 3.3	MARCORLOGCOM (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		

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
MCLCA (566-1)	0	1	0
MCSC(PMM143)	0	0	0
15. TOTAL →	0	1	0

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 non-conforming material or processes, which does not meet, prescribed configuration documentation.

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

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

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Diane L. Bradley	5/10/2004	RE Hoffman	5/10/2004

Designed using Perform Pro, WHS/DIOR, 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 XX
D. SYSTEM/ITEM: HS400 Series Eng &Eng w/Cont	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Production Status Report	Monthly Production Status Report	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-MGMT-81255	SOW 4.0	AAVS (PMM143)	

7. DD 250 REQ	8. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		Monthly	See Blk 16
9. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A	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 10.2.1d: Use Job Order Number or Contract Number.

In paragraph 10.2.4 and 10.2.7: Replace "CLIN" with "MLIN or MWSLIN."

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

The Production Status Report shall be transmitted via E-mail to the following addressees: robert.e.hoffman@usmc.mil and virginia.maynard@usmc.mil.

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
RE Hoffman	5/10/2004	RE Hoffman	5/10/2004