STATEMENT

OF

WORK

(SOW)

FOR THE REBUILD OF THE

AAV

TORSION TUBE

NSN 2530-00-438-5151

SOW-01-834-1-8F935B-1/1

Dated 30 March 2000

STATEMENT OF WORK FOR THE REBUILD OF THE AAV TORSION TUBE NSN 2530-00 438-5151

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STATEMENT OF WORK FOR THE REBUILD OF THE AAV TORSION TUBE NSN 2530-00-438-5151

1.0 SCOPE. This Statement of Work (SOW), along with TM 09674A-25&P/4B 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) Torsion Tube National Stock Number (NSN) 2530-00-438-5151 hereafter referred to as Torsion Tube. This document contains minimum requirements to restore this item 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".

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-2073-1C	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD 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 2350-45	DMA Standard Procedures
TM 09674A-25&P/4B	Maintenance Instruction and Repair Parts List

	Organizational, Intermediate and Depot Assault Amphibious Vehicle Model 7A1 Family Of Vehicles and RAM/RS
TI-4700-45/6B	Installation of Repair/Overhaul Data Plates-All Equipment End Items, Assemblies and Components
Drawing 2586393	Torsion Tube
DTD	Multi Users Engineer Change Proposal Automated Review System (MEARS) Document Type Definitions (DTD)
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System

2.3 Industry Standards

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

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Defense Automation Product Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Commercial (215) 697-2179 or DSN 442-2179 or http://www.dodssp.daps.mil. Copies of handbooks, publications and other Government documents required by the contractor in connection with specific SOW requirements shall be obtained, in writing, from: Commander, Marine Corps Logistics Bases, Attn: (Code 876), Albany, Georgia 31704-5000. Commercial (912) 439-5818/19, or DSN 567-5818/19. Copies of Drawings and Engineering Change Proposals required by the contractor shall be obtained in writing from Life Cycle Management Center, Attn: (Code 825-3), Marine Corps Logistics Bases, 814 Radford Blvd, STE 20302 Albany, Georgia 31704-3020, Commercial (912) 439-6410 or DSN 567-6410.

3.0 REQUIREMENTS

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

a. Provide materiel, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair, rebuild, and calibrate as required to make the above component fully operational. Upon completion of the rebuild, the Torsion Tube shall be in Condition Code "A".

b. Conduct final-on-site testing which, may be witnessed by Marine Corps Logistics Base Albany, Georgia (MARCORLOGBASEALB), (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 above component as specified in TM 09674A-25&P/4B, TM 2350-45, TI-4700-45/6B, MIL-STD-2073-1C, and MIL-STD-129.

d. Ensure all Torsion Tubes meet the configuration of Naval Sea System Command Drawing 2586393.

e. All mandatory replacement parts identified in TM 09674A-25&P/4B 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 Torsion Tubes.

3.2.1 Phase I - Rebuild.

The contractor shall receive the Torsion Tubes for rebuild. The contractor shall then disassemble the Torsion Tube into components and conduct the rebuild process. The contractor shall rebuild the components in accordance with TM 09764A-25&P/4B 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 Torsion Tube is defined by the specifications annotated on the current revision level of Naval Sea System Command Drawing 2586393. A Rebuild Data Plate shall be installed in accordance with TI-4700-45/6B.

3.2.2 Phase II - Inspection, Testing, and Acceptance

a. Inspection, testing and acceptance of the Torsion Tube shall be conducted in accordance with TM 09674A 25&P/4B and ANSI/ISO/ASQC Q9003-1994.

b. The contractor shall provide a Certificate of Conformance with delivery of the final product attesting the product meets or exceeds the requirement of this SOW. Any deficiencies discovered will be corrected by the contractor.

3.2.2 Phase III Packaging, Handling, Storage, and Transportation (PHS&T).

a. The contractor shall be responsible for the application of preservation and packaging on items being repaired under the terms of this SOW. Items scheduled for

long-term storage or overseas shipment shall be in accordance with level A requirements of MIL-STD-2073-1C, Method 30. Items scheduled for domestic shipment short-term storage or immediate use shall be to level "B" requirements.

b. Marking shall conform to 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 to established configuration items. The contractor shall not implement a design or performance change to items without receiving prior authorization from the contracting activity. The need to deviate from the written procedures or materiel contained in the technical manuals/engineering drawings shall be requested by the electronic submission of a Request for Deviation (RFD)/Request for Waiver (RFW). MIL-STD-973, paragraph 5.4.3 or 5.4.4, provide guidance for preparing these configuration change documents. The contractor shall be furnished with MEARS 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 Requirements List (CDRL).

b. The submission of electronic files shall be accomplished by the originator placing the RFD/RFW files on the MARCORLOBBASE 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) and 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/SOW. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA) at MARCORLOGBASEALB (MCA/Code 827-2) will coordinate required GFE and will maintain a central control on Marine 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 CFM (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor shall requisition through the DoD Supply System. DoD 4000.25-1-M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DoD Supply System.

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 MARCORLOGBASEALB (Code 834-1) representative during contract performance. Inspection may be accomplished at any work location. The MARCORLOGBASEALB (Code 834-1) representative requires at a minimum, two weeks notice of acceptance test to allow for sufficient time for MARCORLOGBASEALB (Code 834-1) representative to witness the test if he or she desires. Inspection by the MARCORLOGBASEALB (Code 834-1) representative of acceptance tests, materiel 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.

b. 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 MARCORLOGBASEALB (Code 834-1) 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/Documentation

4.1 Reports/Documentation that are required:

a. The contractor shall provide a Monthly Parts Usage Report on each Torsion Tube. The report shall be sequenced by Master Work Schedule Line Number (MWSLN) and Production Number.

b. The contractor shall provide a Monthly Production Status Report summarizing the progress and status of the Torsion Tube.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Production Status Report	

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-81255	SOW 4.1.b	MCLBA (834)

7. DD 250 REQ	8. 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**
			See Blk 10

14. DISTRIBUTION

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

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@marcom.usmc.mil.

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

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
RE Hoffman	03/15/08	RE Hoffman	03/15/08

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

Designed using Perform Pro, WHS/DIOR, Aug 96

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER X
D. SYSTEM/ITEM: Torsion Tube	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
B001	Parts Usage Report		18. ESTIMATED TOTAL PRICE

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-ILSS-80386	SOW 4.1.a	MLCBA (834)

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

14. DISTRIBUTION

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

15. 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.

The Parts Useage Report shall be transmitted via E-Mail to the following address: HoffmanRE@mailcom.usmc.mil

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

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
R E Hoffman	03/15/16	R E Hoffman	03/15/16

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
C001	Request For Deviation	Configuration Management	18. ESTIMATED TOTAL PRICE

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640B	SOW 3.3	MCLBA (825)

7. DD 250 REQ	9. DISS STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		ASREQ	SEE BLK 16
8. APP CODE	A	**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**

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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14. DISTRIBUTION	b. COPIES		
a. ADDRESSEE	Draft	Reg	Repro
MCLBA (825-2)	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Dan Sm	2-7-00	G.E. Hoffman	03/15/00

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved OMB No. 0704-0188

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

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Torsion Tube		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
C002	Request For Waiver	Configuration Management	

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80641B	SOW 3.3	MCLBA (825)	

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	ASREQ	SEE BLK 16
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Doug Smith	2-7-00	[signature] Hoffman	03/15/00