# STATEMENT OF WORK (SOW)

# FOR THE REBUILD OF THE

# ASSAULT AMPHIBIOUS VEHICLE (AAV) TRANSMISSION SHIPPING AND STORAGE CONTAINER

# NSN 8145-00-483-0609

# STATEMENT OF WORK FOR THE REBUILD OF THE AAV TRANSMISSION SHIPPING AND STORAGE CONTAINER NSN 8145-00-483-0609

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# STATEMENT OF WORK FOR THE REBUILD OF THE AAV TRANSMISSION SHIPPING AND STORAGE CONTAINER NSN 8145-00-483-0609

1.0 SCOPE. This Statement of Work (SOW), along with Engineering Drawing 2588665, CAGE 80064 and TM 8F125B-5&P/A Chapter 4 and Appendix C, 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) Transmission, Shipping and Storage Container hereafter referred to as the Container. This document contains minimum requirements to restore the Container 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 including material with more than six months shelf-life remaining NSN 8145-00-483-0609 identifies the Container".

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 herein 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-129 | DoD Standard Practice: Military Marking for Shipment and Storage |
| MIL-STD-2073-1D | DoD Standard Practice for Military Packaging |

2.2 Other Government Documents and Publications

| | |
|---|---|
| DoD 4160.21-M | Defense Materiel Disposition 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 2588665 CAGE 80064 | Container, Shipping and Storage, Transmission |

| | |
|---|---|
| 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 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 4D, 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 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) 639-6476 or DSN 567-6476.

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, integrate, install, rebuild, and calibrate as required to make the Container fully operational. Upon completion of rebuild, the Container shall be Condition Code "A".

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

c. Be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the Container as specified in Engineering Drawing 2588665, CAGE 80064.

d. Ensure the Container meets the configuration of Engineering Drawing 2588665, CAGE 80064.

e. All mandatory replace parts will be replaced 100 percent. Economical replacement parts may be reused if they meet the applicable inspection requirements in TM 2350-45. All unserviceable 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 Container.

3.2.1 Phase I - Rebuild. The Contractor shall receive the Container for rebuild. The Contractor shall then disassemble the Container into components and conduct the rebuild process. The Contractor shall rebuild components in accordance with the requirements in this SOW. The Contractor shall be responsible for supplying all equipment, tools, test equipment, and materiels to conduct this effort. The Contractor shall be responsible for the integration and assembly of all components. The configuration identification for the Container is defined by the specifications annotated on current revision level of Engineering Drawing 2588665, CAGE 80064. A Rebuild Data Plate shall be installed in the center in the rear 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, and Acceptance. Inspection, testing, and acceptance of the Container shall be conducted in accordance with TM 8F152B-25&P/A Appendix C, and in compliance with ANSI/ISO/ASQC Q9001-2000, Quality Management System – Requirement. 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 of item(s) being repaired under the terms of this SOW. Items scheduled for being prepared for long-term storage or shipment to overseas destinations shall be in accordance with Level "A" requirements of MIL-STD 2073-1D. Items scheduled for domestic shipment for immediate use or short-term storage shall be to Level "B" requirements.

b. Marking for shipping and storage shall be in accordance with MIL-STD-129.

c. The Marine Corps will provide the Contractor with 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 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://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-B) 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 identify 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 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 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/delivery date.

3.6 Quality Assurance Provisions

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 (AAVS), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (AAVS), Albany, Georgia representative requires at a minimum, two weeks notice of acceptance tests to allow for sufficient time for the MCSC (AAVS), Albany, Georgia representative to witness the test if he or she desires. Inspection by the MCSC (AAVS), 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 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 Q9001-2000, Quality Management Systems - Requirements. The Contractor's work shall be subject to in-process reviews and inspections for compliance with these procedures and standards by the MCSC (AAVS), 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: AAVS, 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343, unless directed otherwise in a Contract Data Requirements List.

4.1 Production Status Report. A monthly Production Status Report shall be submitted summarizing the progress and status of the Container per Contract Data Requirements List.

# 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: Trans Shipping/Storage Container | E. CONTRACT/PR NO. | F. CONTRACTOR |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE | 17. PRICE GROUP |
|---|---|---|---|
| A001 | Production Status Report | | 18. ESTIMATED TOTAL PRICE |

| 4. AUTHORITY (Data Acquisition Document No.) | 5. CONTRACT REFERENCE | 6. REQUIRING OFFICE |
|---|---|---|
| DI-MGMT-81255 | SOW para 4.1 | PMM143(AAVS) |

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

16. REMARKS

Block 4: Contractor Format Authorized. Delete the following paragraphs as they do not apply to the deliverable. 10.1 10.23 10.25 10.26 10.29.

In Paragraph 10.21d use job order number or contract number.

In Paragraph 10.24 and 10.27 replace "CLIN" with MLIN or MWSLN. Master Work Schedule Line 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@logcom.usmc.mil

Distribution Statement A: Approved for Public Release.

14. DISTRIBUTION

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

| G. PREPARED BY | H. DATE | I. APPROVED BY | J. DATE |
|---|---|---|---|
| [signature] | 2-20-04 | RE Hoffman | 2/23/04 |

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

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# CONTRACT DATA REQUIREMENTS LIST

*(1 Data Item)*

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| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TDP ____ TM ____ OTHER X |
|---|---|---|
| D. SYSTEM/ITEM: Container, S & S, AAV Transmission | 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 | 18. ESTIMATED TOTAL PRICE |

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

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

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| MCLC (566-1) | 0 | 1 | 0 |
| 15. TOTAL → | 0 | 1 | 0 |

**16. REMARKS**

Blocks 10 & 12: RFDs shall be submitted to obtain authorization to deliver non-conforming materials or utilize processes which do not meet prescribed configuration documentation.

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

MEARS RFD accompanying figures shall be created using 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.

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

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| G. PREPARED BY | H. DATE | I. APPROVED BY | J. DATE |
|---|---|---|---|
| Doug Smith | 8 Jan 04 | RE Hoffman | 11 Feb 04 |