Draft Maintenance Concept Remains Consistent With Prior Fiscal Year

STATEMENT

OF

WORK

(SOW)

FOR THE REBUILD OF THE ASSAULT AMPHIBIOUS VEHICLE (AAV) HYDROSTATIC STEERING UNIT (HSU) SHIPPING AND STORAGE CONTAINER

NSN 8145-00-490-6208

STATEMENT OF WORK FOR THE REBUILD OF THE AAV HSU SHIPPING AND STORAGE CONTAINER NSN 8145-00-490-6208

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STATEMENT OF WORK FOR THE REBUILD OF THE AAV HSU SHIPPING AND STORAGE CONTAINER NSN 8145-00-490-6208

1.0 SCOPE. This Statement of Work (SOW), along with Engineering Drawing 2588611, CAGE 80064 and TM8F152B-25&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) Hydrostatic Steering Unit (HSU), Shipping and Storage Container, NSN 8145-00-490-6208, 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".

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
Engineering Drawing 2588611 CAGE 80064	Container, Shipping and Storage, Hydrostatic Steering Unit (HSU)
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

TM 8F152B-25&P/A	Power Plant Assembly Assault Amphibious Vehicle A1 Family of Vehicles and RAM/RS

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 required by contractors in connection with specific SOW requirements shall be obtained through the Commander, Attn: 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, engineer, 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) (CBG), 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 2588611, CAGE 80064.

d. Ensure the Container meets the configuration of Engineering Drawing 2588611, CAGE 80064.

e. All mandatory replacement parts shall 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 materials 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 2588611, 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 Systems-Requirements. 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 rebuilt 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. Items scheduled for immediate use or short-term storage shall be in accordance with 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 581-1B) 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 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 work through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to the Contractor 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 (CBG), Albany, Georgia representative during contract performance. Inspection may be accomplished at any work location. The MCSC (CBG), Albany, Georgia representative requires at a minimum two weeks notice of acceptance tests to allow for sufficient time for the MCSC (CBG), Albany, Georgia representative to witness the test during normal Contractor's working hours. Inspection by the MCSC (CBG), Albany, Georgia representative of acceptance tests, materials 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 report deliverables shall be submitted in hard copy to Marine Corps Systems Command, Attn: CBG, 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 the Contract Data Requirements List.