Statement of Work (SOW)

for the

Rebuild

of the

Assault Amphibious Vehicle (AAV)

Circuit Card Assembly Display Board

NSN 5998-01-203-7299

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1.0. SCOPE. This Statement of Work (SOW), along with TM 09764A-25& P/4B 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) Circuit Card Assembly Display Board hereafter referred to as the Circuit Card Assembly. This document contains minimum requirements to restore the Circuit Card Assembly to Condition Code "A". Condition Code "A" is defined as "serviceable/issueable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitations or restrictions, including material with more than six months shelf-life remaining". National Stock Number 5998-01-203-7299 identifies the Circuit Card Assembly.

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 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-2073-1D(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 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
TM 2350-45	DMA Standard Procedures

Engineering Drawing 5428412, CAGE 53711	Circuit Card Assembly Display Board
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 Standards 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 other government documents and publications required by the Contractor in connection with this SOW shall be obtained from: Commanding General (Code 586), Marine Corps Logistics Command, 814 Radford Blvd., STE 20321, Whse 1121, Albany, Georgia 31704-0321, commercial telephone number (229) 639-5818/8988 or DSN 567-5818/8988. 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 materials, labor, facilities, and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, rebuild, and calibrate as required to make the Circuit Card Assembly fully operational. Upon completion of the rebuild, the Circuit Card Assembly shall be Condition Code "A".

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

c. Be responsible for all structural, electrical, and mechanical requirements associated with the rebuild of the Circuit Card Assembly specified in TM 09674A-25&P/4B, TM 2350-45, Engineering Drawing 5428412, CAGE 53711.

d. Ensure all Circuit Card Assemblies meet the configuration of Engineering Drawing 5428412,CAGE 53711.

e. Replace all mandatory replacement parts identified in TM 0967A-25&P/4B 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-1.

3.2 Detail Tasks. The following tasks describe the different phases for the rebuild of the Circuit Card Assembly.

3.2.1 Phase I - Rebuild. The Contractor shall receive Circuit Card Assembly for rebuild. The Contractor shall then disassemble the Circuit Card Assembly into components and conduct the rebuild process. The Contractor shall rebuild components in accordance with the requirements in TM 09674A-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 the Circuit Card Assembly is defined by the specifications annotated on the current revision level of Engineering Drawing 5428412, CAGE 53711. Upon completion of the rebuild, the Circuit Card Assembly shall be in Condition Code "A".

3.2.2 Phase II - Inspection, Testing and Acceptance. Inspection, testing, and acceptance of the Circuit Card Assembly shall be conducted in accordance with TM 09674A-25&P/4B and ANSI/ISO/ASQC Q9001-2000. The Contractor shall correct all 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 the items rebuilt under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of MIL-STD-2073-1D(1), Appendix J., Table J.Ia., Specialized Preservation Code "GX". Items scheduled for domestic shipment for immediate use or short-term storage shall be to Level "B" requirements. All items subject to electrostatic sensitive discharge shall be packed into a reusable fast-pack container.

b. Marking for shipment and storage shall be in accordance with 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 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 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 (Code 566-1A, Albany, Georgia) 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 a copy to commercial telephone number (229) 639-5498 or DSN 567-5498. If Depot Source of Repair (DSOR) is mandated, assets at repair facility shall not be considered GFE/GFM.

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 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

3.6.1 The performance of the Contractor's quality of work performed, materiel 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 shall be permitted to observe the work/tasks accomplishment and/or to conduct inspections at any reasonable hour within Contractor's normal working hours. Acceptance Tests shall be held in-plant. The MCSC (AAVS), Albany, Georgia representative requires, at a minimum, two weeks notification of acceptance test to allow for sufficient time for MCSC (AAVS), Albany, Georgia representative to witness acceptance. Inspection by the MCSC (AAVS), Albany, Georgia representative of all acceptance tests, materiels 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.

3.6.2 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 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 deliverable reports shall be submitted in hard copy to Commanding General, Marine Corps Systems Command, Attn: AAVS, 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343, unless otherwise directed 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 Circuit Card Assembly.

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

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM AAV CIRCUIT CARD ASSEMBLY	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 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 Authjorized. Delete the following paragraphs as they do not apply to the deliverable. 10.1, 10.2.3, 10.2.5, 10.2.6, 10.2.9.

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

In Paragraph 10.2.4 and 10.2.7 replace "CLIN" with MLIN or MWSLN. (Master Work Schedule Line Number).

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 Robert.E.Hoffman@usmc.mil and Virginia.Maynard@.usmc.mil

Distribution Statement A: Approved for Public Release.Distribution Unlimted

14. DISTRIBUTION

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

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
	10-13-04		10/13/2004

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER ____ X
D. SYSTEM/ITEM: AAV Cicuit Card Assembly	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
B001	Request For Deviation	Configuration Management	
4. AUTHORITY *(Data Acquisition Document No.)*	**5. CONTRACT REFERENCE**	**6. REQUIRING OFFICE**	**18. ESTIMATED TOTAL PRICE**
DI-CMAN-80640C	SOW 3.3	MARCORLOGCOM (566)	

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

14. DISTRIBUTION

a. ADDRESSEE	b. CDPIES Draft	Final Reg	Final Repro
MCSC PMM143	0	0	0
MCLCA (566-1)	0	1	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 nonconforming materials or utilize processes which do not meet prescribed configuration documentation.

BLKS 10 & 13: RFD notification shall be accomplished via email to the following address: pearline..skinner@usmc.mil

BLK 14: MEARS RFD accompanying figures shall be created using MICROSOFT formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.

BLK 14: Point of contact for MEARS CREATE questions may be directed to Pearline Skinner at DSN 567-7354 or pearline.skinner@usmc.mil.

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Pearline S	10/1/04	RE Hoffman	10/13/2004

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

Designed using Perform Pro, WHS/DIOR, Aug 96