STATEMENT OF WORK FOR THE REBUILD 0F SIXCON WATER PUMP MODULE NSN 4320-01-318-1853

1.0 SCOPE. This Statement of Work (SOW), along with TM 09444A/08990A-15&P/1 and Marine Corps (MC) Engineering Drawings 90002A0001, CAGE 01365 establishes, sets forth tasks and identifies the work efforts that shall be performed by the contractor. For purposes of this SOW, contractor is defined as the commercial or government entity performing the rebuild effort of the SIXCON Water Pump Module. This document contains requirements to restore the SIXCON Water Pump Module 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 limitation or restriction, including materiel 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 a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

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-129	DoD Standard Practice: Military marking for Shipment and Storage
MIL-STD-130	Identification Marking of U.S. Military Property
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

TM 09444A/08990A-15&P/1	Operation and Maintenance Instructions With Repair Parts List and Components List for SIXCON Water Pump Module and SIXCON Water Tank Module

Engineering Drawing 90002A0001, CAGE 01365	SIXCON Water Tank Module
TM 4750-15/2	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment
SL-3-00970D (Draft)	Component List for Pump Unit Set
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
ATPD 2232	Engines: Preparation for Shipment and Storage of

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

3.5 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management System - 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, Defense Automation Production Service Philadelphia, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone (215) 697-2179 or DSN 442-2179, or http://www.dodssp.daps.mil. Copies of other government publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019. Copies of engineering drawings shall be obtained from: Supply Chain Management Center, Attn: Code 566-1A, 814 Radford Blvd., Suite 20320, Albany, GA 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 provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, test and calibrate the SIXCON Water Pump Module. Upon completion of rebuild, the subject item shall be Condition Code "A".

3.2 Detail Tasks. The following tasks describe the different phases for rebuild of the SIXCON Water Pump Module.

a. Data plate. Each repaired SIXCON Water Pump Module shall have a Rebuild Data Plate affixed to the upper front frame cross member, located by manufacturer's data plate. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/2.

b. Hardware.

(1) Replace existing pump with MECO 125 GPM diesel pump, stock number 4320-01-357-1930, part number PAD 125B.

(2) Replace all hoses in accordance with Draft SL-3-00970D. Draft SL-3-00970D may be obtained by contacting Jerry Stanchina at Marine Corps Systems Command (PMM152), 814 Radford Blvd., Suite 20343, Albany, GA 20343-0343, commercial telephone number (229) 639-6984 or DSN 567-6984.

(3) Replace broken, unserviceable and/or missing hardware to include mechanical assemblies, nuts, bolts, screws, washers, turn lock fasteners, mandatory replacement items, safety and one-time use items, in accordance with the TM 09444A/08990A-15&P/1 and Engineering Drawing 90002A0001, CAGE 01365. Unserviceable is defined as any of the above that failed to function properly.

(4) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(5) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

3.2.3 Inspection, Testing and Acceptance.

a. Inspection, Testing and Acceptance of the SIXCON Water Pump Module shall be conducted in accordance with TM 09444A/08990A-15&P/1 and Engineering Drawing 90002A0001, CAGE 01365.

b. The contractor shall be responsible for conducting required tests and shall ensure MCSC, (Code PMM 152), Albany, Georgia personnel are notified prior to completion of final acceptance. Acceptance tests shall be held at the contractor's facility.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing.

d. Acceptance testing on all SIXCON Water Pump Modules repaired under the provisions of this SOW shall be accomplished in accordance with TM 09444A/08990A-15&P/1, and Engineering Drawing 90002A0001, CAGE 01365.

3.2.4 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 Statement of Work. 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, Method 10. Preserve engine in accordance with ATPD 2232, TYPE I. Tape or plug all entrances on engine which water, moisture or corrosion could occur. Items scheduled for domestic shipment for immediate use or short term storage shall be in accordance with the 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 repaired equipment. The contractor shall be responsible for arranging for shipment to the pre-designated stite(s). The Marine Corps will be responsible for transportation costs associated with shipping the equipment to and from the contractor.

3.3 Configuration Control. The contractor shall apply configuration control to established configuration items. The contractor shall not implement configuration changes to any item without receiving prior written authorization from MCSC, (Code PMM 152), Albany, Georgia. If there is a need to temporarily depart from a configuration item's characteristics, the contractor shall prepare and submit a Request for Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.4 Quality Assurance Provisions. The contractor shall provide and maintain a Quality system that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000. Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing, for supplies and services. The program shall ensure quality throughout all areas to include fabrication, processing, assembly, inspection, testing, maintenance, and preparation for delivery and shipping. Unless otherwise specified in the contract, the contractor shall be responsible for performance of all inspection requirements. The government MCSC, (Code PMM 152), Albany, Georgia reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.5 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 responsibilities 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 DD1348 to Distribution and Materiel Management Department, Management Control Activity (Code 581-1B), 814 Radford Blvd, STE 20320, Albany, GA 31704-0320, or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.6 Contractor Furnished Materiel (CFM). The contractor may requisition materiel as required in the performance of this SOW through the DoD Supply Systrm. DoD 4000.25-1-M, (MILSTRIP), Chapter 11, provides guidance to contractors on the requisition process. The contractor's decision to utilize CFM procedure from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.7 Acceptance. The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and MCSC, (Code PMM 152), Albany, Georgia representatives shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing shall be conducted at the contractor's facility. Final acceptance shall be conducted on one hundred percent of the end items to verify that the units meet all requirements.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC, (Code PMM 152), Albany, Georgia representative. The contractor shall, at no additional cost to MCSC, (Code PMM 152), Albany, Georgia correct the deficiencies and repeat the verification until an acceptable compliance with acceptance testing procedures are demonstrated.

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: Sixcon Water Pump Module	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Request For Deviation	Configuration Management

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

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**
A			

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

14. DISTRIBUTION

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

16. REMARKS

Blk 4 - Contractor format submitted in .pdf or .doc format is authorized.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 20 working days upon receipt by the Government.

Block 14: RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@logcom.usmc.mil.

Distribution Statement A: Approved for Public Release; Distribution is Unlimited.

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
[signature]	12-5-03	[signature]	12/12/03