

STATEMENT OF WORK FOR THE
REBUILD OF
SIXCON WATER TANK MODULE
5430-01-203-9971

1.0 SCOPE: This Statement of Work (SOW), along with TM 09444A/08990A-15&P/1 and Marine Corps (MC) drawing 845008A0000 Cage 01365 establishes and 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 Tank Module. These documents contain requirements to restore the Water Tank 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 6 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 for Military Marking
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 Publication

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
845008A0000 Cage 01365	SIXCON Water Tank Module
TM 4750-15/2	Painting and Registration Marking for Marine Corps

Combat and Tactical Equipment

Military Handbooks (For Guidance)

MIL-HDBK-61

Configuration Management Guidance

2.3 Industry Standards:

ANSI/ISO/A
SQC Q9002-1994

Quality System – Model for Quality Assurance in
Production, Installation, and Servicing

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 (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 Contracting Officer: Commander, Attn: Contracting Officer (Code 891), Marine Corps Logistics Base, 814 Radford Blvd., Albany, GA 31704-1128, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings shall be obtained from: Life Cycle Management Center, Attn (Code 851-3), 814 Radford Blvd Suite 20320, Albany, GA 31704-0320, commercial telephone (229) 639-6410 or DSN 567-6410.

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, and test and calibrate the Water Tank 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 Water Tank Module.

a. Data plate: Each rebuilt Water Tank 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 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 Drawing

845008A0000 Cage 01365. Unserviceable is defined as any of the above that failed to function properly.

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

(3) 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 Water Tank Module shall be conducted in accordance with TM 09444A/08990A-15&P/1 and Drawing 845008A0000 Cage 01365.

b. The contractor shall be responsible for conducting required tests and shall ensure that the Weapon System Manger, MCLB, Albany, (Code 837-2) and or their representatives be given a minimum of two weeks notice prior to beginning acceptance testing, and notified prior to completion of final acceptance. Acceptance tests shall be held at contractor's facility. The test area shall be set up with all safety considerations incorporated (test area clearly defined, limited access to unauthorized vehicles and foot traffic, etc.).

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. The Weapon System Manager, MCLB, Albany, (837-2) and or their representatives may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all Water Tank Modules repaired under the provisions of this SOW shall be accomplished in accordance with TM 09444A/08990A-15&P/1, and Drawing 845008A0000 Cage 01365.

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T):

a. The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this Statement of Work. Items scheduled for long-term storage or shipment to overseas destinations shall be to the level "A" requirements of MIL-STD-2073-1D, Method 10. Items scheduled for domestic shipment, immediate use or short-term storage shall be to level "B" requirements.

b. Marking 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 site(s). The Marine Corps will be responsible for transportation costs associated with shipping the equipment to and from the contractor.

3.3 Configuration Management *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 it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 (paragraph 4.3 and Table 4-9) and ANSI/EIA-649 (paragraph 5.3.4) 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 Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing, for supplies and services. The program shall ensure quality throughout all areas to include processing, assembly, inspection, test, 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 (MCLBA 837-2) 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 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 Marine Corps representatives (MCLBA 837-2) 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.

3.6 Rejection: Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB (Code 837-2) Albany, representative. The contractor shall, at no additional cost to MCLB (Code 837-2), Albany, Georgia correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

