

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

1.0 SCOPE. This Statement of Work (SOW), along with TM 09444A/08990A-15&P/1 and Marine Corps (MC) Engineering Drawings 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. This document contains requirements to restore the SIXCON 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 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 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 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
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Engineering Drawing
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/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, 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 583-1, 814 Radford Blvd., Suite 20320, Albany, GA 31704-0320, commercial telephone (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 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 SIXCON Water Tank Module.

a. Data plate. Each repaired SIXCON 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 Engineering 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 SIXCON Water Tank Module shall be conducted in accordance with TM 09444A/08990A-15&P/1 and Engineering Drawing 845008A0000, CAGE 01365.

b. The contractor shall be responsible for conducting required tests and shall ensure MCSC, (Code GTES), 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 Tank Modules repaired under the provisions of this SOW shall be accomplished in accordance with TM 09444A/08990A-15&P/1, and Engineering 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 for immediate use or short term storage shall be to 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 GTES), 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 Management Systems-Requirements. 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 GTES, 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 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 GTES), 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.

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

