

STATEMENT OF WORK FOR THE
REBUILD OF
SIXCON FUEL TANK MODULE
5430-01-240-4578

1.0 SCOPE. This Statement of Work (SOW), along with TM 09003A/09002A-15&P/1, MI-09002A-35/1 CH 1, and Marine Corps (MC) drawings 845009A0000 (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 Fuel Tank Module. This document contains requirements to restore the SIXCON Fuel 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

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| MIL-STD-129 | DOD Standard Practice for Military Marking |
| MIL-STD-130 | DOD Identification Marking of U.S. Military Property |
| MIL-STD-2073-1D | DOD Standard Practice for Military Packaging |

2.2 Other Government Documents and Publications. The issues of those documents cited below shall be used.

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| TM 09003A/09002A-15&P/1 | Operation and Maintenance Instructions With Repair Parts List and Components List for SIXCON Fuel Pump Module and SIXCON Fuel Tank Module |
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| Engineering Drawing 845009A0000 CAGE 01365 | SIXCON Fuel Tank Module |
| TM-4750-15/2 | Painting and Registration Marking for Marine Corps Combat and Tactical Equipment |
| MI-09002A-35/1 | Procedures for Installing Modification Kit on the Tank, Fuel Module (Sixcon) |
| MI-09002A-35/1 CH 1 | Procedures for Installing Modification Kit on the Tank, Fuel Module (Sixcon) |

Military Handbooks (For Guidance)

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| MIL-HDBK-61 | Configuration Management Guidance |
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2.3 Industry Standards

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| ANSI/ISO/ASQC Q9001-2000 | Quality Management Systems-Requirements |
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Industry Standards (For Guidance)

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| ANSI/EIA-649 | National Consensus Standard for Configuration Management |
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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 <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 Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, 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 583-1, 814 Radford Blvd., Suite 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 provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, test and calibrate the SIXCON Fuel 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 Fuel Tank Module.

a. Data plate. Each rebuilt SIXCON Fuel Tank Module shall have a rebuild data plate affixed to the upper front frame cross member, located by manufacture'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 09003A/09002A-15&P/1, MI-09002A-35/1 CH 1, and Engineering Drawing 845009A0000 CAGE 01365. Unserviceable is defined as any of the above that failed to function properly. All inlet/outlet connection points shall be connected with their applicable mating component for proper fit and connectivity.

(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.

(4) All elastomeric components to include hoses, gaskets, and O-rings shall be replaced.

3.2.3 Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the SIXCON Fuel Tank Module shall be conducted in accordance with TM 09003A/09002A-15&P/1, MI-09002A-35/1 CH 1, and Engineering Drawing 845009A0000 CAGE 01365.

b. The contractor shall be responsible for conducting required tests and shall ensure that the Logistics Management Specialist (LMS), Marine Corps Systems Command (MCSC), (Code GTES), Albany, Georgia and/or their representatives are notified prior to completion of final acceptance. Acceptance tests shall be held 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.

c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC (Code GTES), Albany, Georgia 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 SIXCON Fuel Tank Modules repaired under the provisions of this SOW shall be accomplished in accordance with TM 09003A/09002A-15&P/1, MI-09002A-35/1 CH 1, and Engineering Drawing 845009A0000 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 in accordance with level "A" requirements of MIL-STD-2073-1D, Method "10". Items being prepared 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 of the equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. 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 depart from the authorized configuration the contractor shall 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 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. MCSC (Code GTES), Albany, Georgia and/or their representative 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 and/or their 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 and/or their representative. The contractor shall, at no additional cost to MCSC (Code GTES), Albany, Georgia and/or their representative correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

