Draft
Maintenance Concept Remains Consistent with Prior Fiscal Year

STATEMENT OF WORK (SOW)

FOR THE

REBUILD

OF THE

MACHINE GUN, CALIBER .50 M2 (UGWS)

NSN 1005-01-362-6237
SOW-07-PMM132-09762A-1

STATEMENT OF WORK FOR THE REBUILD OF THE MACHINE GUN, CALIBER .50 M2 (UGWS)

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STATEMENT OF WORK FOR THE REBUILD OF THE MACHINE GUN, CALIBER .50 M2 (UGWS) NSN 1005-01-362-6237

1.0 SCOPE. This Statement of Work (SOW) 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) in the rebuild effort of the Machine Gun, Caliber .50 M2 (UGWS). This document contains requirements to restore the Machine Gun, Caliber .50 M2 (UGWS) 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 complete 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 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

2.2 Other Government Documents and Publications

TM 02498A-23/2	Unit and Direct Support Maintenance Manual Machine Gun, Caliber .50 Browning, M2
DMWR 9-1005-213	Depot Maintenance Work Requirement for Machine Gun Caliber 50 Browning M2
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
DoD 4160.21-M-1	Defense Material Disposition Manual

Engineering Drawing 7004159, CAGE 0MLM6	Machine Gun Cal .50 M2 HB (UGWS)
Engineering Drawing 6289169, CAGE 53711	Solenoid Assembly, Side Mount

Military Handbook (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems - Requirements

Industry Standard (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Specifications and Standards 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 specific SOW requirements shall be obtained, through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., 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 566-1A, 814 Radford Blvd., STE 20320, Albany, Georgia 31743-0320, 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, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test the Machine Gun, Caliber .50 M2 (UGWS). Rebuild shall be in accordance with DMWR 9-1005-213 of Mar 1987 and to configuration of Engineering Drawing 7004159, CAGE 0MLM6. Upon completion of rebuild, the subject item shall be Condition Code "A".

b. Conduct in-process and final inspection witnessed by a Marine Corps Systems Command (IWS) representative.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the Machine Gun, Caliber .50 M2 (UGWS).

a. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety and one-time use items, etc. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies. All parts shall be disposed of in accordance with DoD 4160.21-M-1.

(3) The Solenoid, CAGE 0MLM6, Part Number 7004026, of drawing 6289169, CAGE 53711, Solenoid Assembly Side Mount, shall be replaced 100% for each machine gun received for rebuild.

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

b. Cold Riveting. Replace all loose or missing rivets for all Machine Guns, Caliber .50 M2 (UGWS) using the pneumatic cold riveting method.

NOTE:

The Contractor shall stamp the below listed information on the bottom left corner of all Machine Guns, Caliber .50 M2 (UGWS) receivers that require the cold riveting procedure using Die Set, Metal Stamping, Hand, NSN 5110-00-293-1905, or equivalent. Identifies the contractor performing the cold riveting process and the year the procedure was performed as shown below.

"CRA06" Cold Riveting Procedure performed at Albany, GA in FY-2006
"CRB06" Cold Riveting Procedure performed at Barstow, CA in FY-2006
"CRAA06" Cold Riveting Procedure performed at Anniston Army Depot in FY- 2006

When the Machine Gun, Caliber .50 M2 (UGWS) receiver is reworked and the cold riveting procedure is again required, the existing information on the bottom left corner of the receiver shall be "X ed" out and restamped with the contractor and FY the procedure is again required to be performed.

3.2.1 Inspection, Testing and Acceptance. Inspection, Testing and Acceptance of the Machine Gun, Caliber .50 M2 (UGWS) shall be conducted in accordance with TM 02498A-23/2, DMWR 9-1005-213, Engineering Drawing 7004159, CAGE 0MLM6 and ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. The contractor shall correct any deficiencies discovered.

3.2.2 Packaging, Handling, Storage, and Transportation (PHS&T)

a. The contractor shall be responsible for preservation and packaging of the items being rebuilt under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with level "A" requirements in accordance with DMWR 9-1005-213, Chapter 8. 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 shall provide the contractor with 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 shall be responsible for transportation costs associated with shipping the subject 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. The baseline configuration has been defined by the written procedures and material contained in the applicable technical publications or engineering drawings. No deviation from the approved baseline will be allowed due to safety factors. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for the application of configuration control.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA) (Code 581-1B) will coordinate GFE/GFM request and maintain a central control system for 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 responsibility for Marine Corps assets. The contractor is to acknowledge receipt of GFM/GFE 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 (Code 581-1B), 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.

3.5 Contractor Furnished Material (CFM). The contractor may requisition materiel as required in the performance of the statement of work 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 DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 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.

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 location, and a Marine Corps Systems Command (Code IWS) representative shall be permitted to observe the work or to conduct an inspection. Final inspection and acceptance testing of end items shall be conducted at the contractor's facility and witnessed by a Marine Corps Systems Command (Code IWS) representative. Final acceptance shall be conducted on 10% of items to verify that the units meet all requirements.

3.8 Rejection. Failure to comply with any of the specific requirements listed herein shall be reason for rejection by Marine Corps Systems Command (Code IWS) Albany, Georgia representative. The contractor shall, at no additional cost to Marine Corps Systems Command, Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

4.0 Reports

4.1 Monthly Progress Reports. The contractor shall provide Monthly Progress Reports summarizing the progress and status of the Rebuild Program to Marine Corps Systems Command, Attn: Code IWS, 814 Radford Blvd., STE 20343 Albany, Georgia 31704-0343.