

**STATEMENT OF WORK FOR THE  
REBUILD  
OF THE  
MACHINE GUN, CALIBER .50 M2 (UGWS)  
NSN 1005-01-362-6237  
Document Control Number: SOW-01-833-2-09762A-1/1  
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**REBUILD  
OF THE  
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## 1.0 SCOPE.

This Statement of Work (SOW) 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) in the Rebuild effort of the M2, .50 Caliber (UGWS) Machine Gun.. These documents contain requirements to restore the M2, .50 (UGWS) Caliber Machine Gun 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

#### Military Standards - (Guidance Only)

MIL-STD-973                      Configuration Management

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

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 MILSTRIP Manual

NAVICPINST 4491.2A Requisitioning of Contractor Furnished Materiel from Federal Supply System

Drawing 7004159 Engineering Drawing

Drawing 6309169 Engineering Drawing

### 2.3 Industry Standards.

ANSI/ISO/ASQC Q9002-1994 Quality System

(Copies of military specifications and standards are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Marine Corps Logistics Bases, ( Code 833-2) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6613 or DSN 567- 6613. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

### 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 and calibrate the M2, (UGWS). Upon completion of rebuild, the subject item shall be Condition Code "A".

b. Rebuild will be in accordance with DMWR 9-1005-213 of Mar 87 and to the configuration of drawing 7004159.

3.2 Detail Tasks. The following tasks describe the different phases for rebuild of the 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.

(3) The Solenoid, Cage 0MLM6, Part Number 7004026, of drawing 6309169, will be replaced 100% for each machine gun received for rebuild.

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

### 3.2.1 Inspection, Testing and Acceptance.

a. Inspection, Testing and Acceptance of the M2, (UGWS) shall be conducted in accordance with TM 02498A-23/2, DMWR 9-1005-213 and drawing 7004159.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion of the final acceptance. Perform and conduct in-process and final on-site test which may be witnessed by a Marine Corps Logistics Bases personnel or designated representative. Representatives shall be given a minimum of two weeks notice prior to commencement of acceptance testing, enabling a representative enough time to get there if required.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB (Code 833-2), Albany, Georgia, 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 M2's, (UGWS) repaired under the provisions of this SOW shall be accomplished in accordance with TM 02498A-23/2, DMWR 9-1005-213, and drawing 7004159.

### 3.2.2 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. Preservation and packaging shall be level "A" in accordance with DMWR 9-1005-213, Chapter 8.

b. Markings 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 subject equipment to and from the contractor.

### 3.3 Configuration Management.

#### 3.3.1 Configuration Status Accounting (CSA).

a. The Contractor shall record and submit data on retrofit accomplished.

b. The government will identify the configuration changes to be inspected by furnishing a Configuration Inspection Checklist to the Contractor. The Contractor shall use one checklist per M2 (UGWS) to record their inspection findings along with other required data.

c. The Contractor shall record serial numbers of the assemblies listed on the Configuration Inspection Checklist. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.

### 3.3.2 Configuration Control.

The baseline configuration for the M2 (UGWS) has been established in drawing 7004159, DMWR 9-1005-213 and TM 02498A-23/2. No deviations from this baseline configuration shall be allowed, unless specifically authorized in writing, by MCLB (Code 833-2) Albany representatives. The Contractor shall process Requests for Deviations and Waivers. MIL-STD-973 (paragraphs 5.4.3, 5.4.4, and Appendix E) may be used as a guide.

### 3.4 Government Furnished Equipment (GFE)/Government Furnished materiel (GFM).

GFE is government owned equipment authorized by contract for use by a commercial/ Government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/ statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/820), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

### 3.5 Contractor Furnished Materiel.

The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that CFM is required for repair parts, the contractor shall requisition repair parts through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11, authorizes contractors to requisition through the DoD Supply System.

### 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 Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include design, fabrication, 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 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. The Contractor shall provide an Inspection and Test Plan.

### 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 Marine Corps 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 10 percent of 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 MCLB (Code 833-2), Albany, representative. The Contractor shall, at no additional cost to MCLB, 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. This report shall consist of the Marine Corps Serial Number, date received into the rebuild process, date completed, total quantity received/completed, and total pending repair. This report shall be sent to Commander, (Code 833-2), Marine Corps Logistics Bases, 814 Radford Blvd. Albany, GA 31704-1128. This report shall be in hard copy.

**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.

<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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<b>D. SYSTEM/ITEM</b> Machine Gun, Caliber .50 M2 (UGWS)	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> A001	<b>2. TITLE OF DATA ITEM</b> Request For Deviation	<b>3. SUBTITLE</b> Configuration Management
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-CMAN-80640B	<b>5. CONTRACT REFERENCE</b> SOW 3.3.2	<b>6. REQUIRING OFFICE</b> MCLBA (825)
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<b>7. DD 250 REQ</b> LT	<b>9. DIST STATEMENT REQUIRED</b> A	<b>10. FREQUENCY</b> ASREQ	<b>12. DATE OF FIRST SUBMISSION</b> SEE BLK 16	<b>14. DISTRIBUTION</b>		
<b>8. APP CODE</b>	<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b>	<b>a. ADDRESSEE</b>	<b>b. COPIES</b>		
				Draft	Final	
					Reg	Repro

<b>16. REMARKS</b> Blk 4 - Contractor 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 30 calendar days upon receipt by the Government.  RFDs shall be submitted on a 3.5" disk in ASCII format.  Distribution Statement A: Approved for public release, distribution is unlimited.	<b>MCLBA (825-2)</b>	0	1	0
<b>15. TOTAL</b>	→	0	1	0

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> <i>Cowb [Signature]</i>	<b>H. DATE</b> 5-13-99	<b>I. APPROVED BY</b> <i>[Signature]</i>	<b>J. DATE</b> 27/6/99
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**CONTRACT DATA REQUIREMENTS LIST**  
(1 Data Item)

Form Approved  
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<b>A. CONTRACT LINE ITEM NO.</b>	<b>B. EXHIBIT</b>	<b>C. CATEGORY:</b> TDP _____ TM _____ OTHER _____ <b>X</b>
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<b>D. SYSTEM/ITEM</b> Machine Gun, Caliber .50 M2 (UGWS)	<b>E. CONTRACT/PR NO.</b>	<b>F. CONTRACTOR</b>
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<b>1. DATA ITEM NO.</b> A002	<b>2. TITLE OF DATA ITEM</b> Request For Waiver	<b>3. SUBTITLE</b> Configuration Management
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<b>4. AUTHORITY (Data Acquisition Document No.)</b> DI-CMAN-80641B	<b>5. CONTRACT REFERENCE</b> SOW 3.3.2	<b>6. REQUIRING OFFICE</b> MCLBA (825)
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<b>7. DD 250 REQ</b> LT	<b>9. DIST STATEMENT REQUIRED</b> A	<b>10. FREQUENCY</b> ASREQ	<b>12. DATE OF FIRST SUBMISSION</b> SEE BLK 16	<b>14. DISTRIBUTION</b>		
<b>8. APP CODE</b>	<b>11. AS OF DATE</b>	<b>13. DATE OF SUBSEQUENT SUBMISSION</b>	<b>a. ADDRESSEE</b>	<b>b. COPIES</b>		
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	MCLBA (825-2)	0	1	0
		<b>15. TOTAL</b>	0	1

<b>17. PRICE GROUP</b>
<b>18. ESTIMATED TOTAL PRICE</b>

<b>G. PREPARED BY</b> <i>Cont P...</i>	<b>H. DATE</b> 5-13-99	<b>I. APPROVED BY</b> <i>[Signature]</i>	<b>J. DATE</b> 27 May 99
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