Draft Maintenance Concept Remains Consistent with Prior Fiscal Year

STATEMENT OF WORK

FOR THE

REBUILD

OF THE

MACHINE GUN, 40MM, MK19, MOD3 (UGWS)

NSN 1010-01-362-6513

TABLE OF CONTENTS

PARAGRAPH/CONTENTS		PAGE
1.0	SCOPE	1
1.1	Background	1
2.0	APPLICABLE DOCUMENTS	1
2.1	Military Standards	1
2.2	Other Government Documents and Publications	1
2.3	Industry Standards	2
3.0	REQUIREMENTS	2
3.1	General Tasks	2
3.2	Detailed Tasks	2
3.2.1	Inspections, Testing and Acceptance	3
3.2.2	Packaging, Handling, Storage, and Transportation (PHS&T)	3
3.3	Configuration Management	4
3.3.1	Configuration Status Accounting	4
3.3.2	Configuration Control	4
3.4	Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM)	4
3,5	Contractor Furnished Materiel	4
3.6	Quality Assurance Provisions	5
3.7	Acceptance	5
3.8	Rejection	5
4.0	REPORTS	5
4.1	Monthly Progress Reports	5

Statement of Work (SOW) for the Rebuild of the
Machine Gun, 40MM, MK19, MOD3 (UGWS)
NSN 1010-01-362-6513

1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth and identifies tasks 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. 40MM, MK19, MOD3 (UGWS), hereafter referred to as the MK19 (UGWS). This document contains requirements to restore the MK19 (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 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: Military Marking for Shipment and Storage
MIL-STD-2073-1D(1)	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

TM 08521A-23&P/2A	Unit and Direct Support Maintenance Manual Machine Gun, 40MM, MK19 MOD3
Engineering Drawing 7004160, CAGE 0MLM6	Machine Gun, 40MM MK19, MOD3, (UGWS)
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

MI-09761A-25/A	Identification Plate Installation
MI-09761A-35/2	Modification of Manual Trigger Assembly
DMWR 9-1010-230	Depot Maintenance Work Requirement

Military Handbook (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards (For Guidance)

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems-Requirements
ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Specifications and Standards are available from 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 Internet at 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 Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, 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, Marine Corps Logistics Command, 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:

a. Provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test and calibrate the MK19 (UGWS). Upon completion of rebuild, the subject item shall be Condition Code "A".

b. Rebuild shall be in accordance with DMWR 9-1010-230, TM 08521A-23&P/2A, MI-09761A-25/A, MI-09761A-35/2, and Engineering Drawing 7004160, CAGE 0MLM6.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the MK19 (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, Part Number 3269501 on Engineering Drawing 7004160, CAGE 0MLM6 shall be replaced 100 percent for each MK19 (UGWS) 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 MK19 (UGWS) shall be conducted in accordance with DMWR 9-1010-230, TM 08521A-23&P/2A, and Engineering Drawing 7004160, CAGE 0MLM6.

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 Marine Corps Systems Command (MCSC) (Code IWS) personnel or a 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. Marine Corps Systems Command (Code IWS) 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 MK19's (UGWS) repaired under the provisions of this SOW shall be accomplished in accordance with DMWR 9-1010-230, TM 08521A-23&P/2A, and Engineering Drawing 7004160, CAGE 0MLM6.

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

a. The Contractor shall be responsible for preservation and packaging of item (s) being repaired under the terms of this SOW. Items scheduled for long term storage or shipment to overseas destination shall be in accordance with Level "A" requirements of MIL-STD-2073-1D(1), Method 42. Items scheduled for dometic shipment for immediate use shall be in accordance with 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 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

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 MK19 (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 Contractor shall apply configuration control procedures to established configuration items. The baseline cofiguration has been defined by defined by the written procedures and materials contained in TM 08521A-23&P/2A, DMWR 9-1010-230, Engineering Drawing 7004160, CAGE 0MLM6, and its lower level components and required specifications. The Contractor shall not implement configuration changes to an items documented performance or design characteristics. No deviation from the approved baseline are 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)/Goverment Furnished Materiel (GFM). The Management Control Activity (MCA) (Code 581-1B) will coordinate GFE/GFM request and maintain a central control system on 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 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, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320 or faxing (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW 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. 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.

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 a Marine Corps Systems Command (IWS) representative 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 a Marine Corps Systems Command (Code IWS) representative. The Contractor shall, at no additional cost to Marine Corps System Command (Code IWS), 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 will 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 will be sent to the Logistics Management Specialist (LMS), Marine Corps Systems Command (Code IWS), 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343. This report will be in hard copy.