STATEMENT OF WORK FOR THE
REBUILD
OF THE
RIFLE, 5.56MM, M16A2
NSN 1005-01-128-9936
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STATEMENT OF WORK FOR THE REBUILD OF THE RIFLE, 5.56MM, M16A2 NSN 1005-01-128-9936

1.0 SCOPE.

This Statement of Work (SOW), along with Depot Maintenace Work Requirement (DMWR), DMWR-9-1005-249, 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 M16A2, Rifle. These documents contain requirements to restore the M16A2 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

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

TM 05538C-23&P/2	Organizational and Intermediate Maintenance Manual Rifle, 5.56mm M16A2
DMWR-9-1005-249	Depot Maintenance Work Requirement for the M16A2 Rifle
DoD 4000.25-1-M	MILSTRIP Manual

NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System
AMP9349000	Special Packaging Instruction (SPI)

2.3 Industry Standards.

ANSI/ISO/ASQC Q9003-1994	Quality Systems – Model for Quality Assurance in Final Inspection and Test

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, Telephone (215) 697-2179, 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 Weapon System Manager: Life Cycle Management Center, Attn: Weapon System Manager (Code 833-2), 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6613 or DSN 567-6613. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: (Code 851-3), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 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 the M16A2. Rebuild shall be in accordance with DMWR-9-1005-249 and TM 05538C-23&P/2. Upon completion of the rebuild, the M16A2 Rifle, shall be Condition Code "A".

b. Conduct in-process and final on-site testing for witness by a Marine Corps Logistics Bases (MCLB), (Code 833-2) Albany, representative.

3.2 Detailed Tasks. The following tasks describe the different phases for rebuild of the M16A2.

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

(4) Rebuild will be in accordance with DMWR 9-1005-249 and TM 05538C-23&P/2.

(5) The following items are mandatory replacement parts:

Trigger Sub-Assembly	1005-01-219-2402
Hammer and Hammer Pin Assy	1005-01-134-3630
Cam Burst	1015-01-148-0172
Disconnector Semi	1005-01-145-7910
Disconnector Burst	1005-01-144-1499

3.2.1 Inspection, Testing and Acceptance

a. The contractor shall conduct the inspection, testing and acceptance of the M16A2 in accordance with TM 05538C-23&P/2 and DMWR-9-1005-249.

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. Acceptance tests shall be held at MCLB Albany, GA. MCLB (Code 833-2), Albany, Georgia, representatives shall be given a minimum of two weeks notice prior to commencement of acceptance testing.

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 M16A2's repaired under the provisions of this SOW shall be accomplished in accordance with TM 05538C-23&P/2 and DMWR-9-1005-249.

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 SOW. Items being prepared for shipment shall be in accordance with the level "A" protection criteria of Special Packaging Instruction (SPI) AMP9349000, which may be obtained from Materiel Management Division, Logistics Support Section (Code 822-1), Suite 20320, 814 Radford Blvd, Albany, GA 31704-0320. Telephone – commercial (229) 639-6786 or DSN 567-6786.

b. Marking shall be in accordance with MIL-STD-129. Additional markings for concealed identification of sensitive or pilferable items shall be in accordance with SPI AMP9349000.

c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the rebuilt 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. The baseline configuration for the M16A2 has been established in TM 05538C-23&P/2 and DMWR-9-1005-249. No deviation from the approved baseline will be allowed due to safety factors.

3.4 Government Furnished Equipment (GFE)/Goverment 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/827-2), 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 (CFM)

The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A) In the event that Contractor Furnished Materiel 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 Q9003-1994, Quality Systems - Model for Quality Assurance in Final Inspection and Test.

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 the end 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.

All report deliverables shall be submitted in hard copy to Commander (Code 833-2), Marine Corps Logisitics Bases 814 Radford Blvd, Suite 20320, Albany, GA 31740-0320, unless directed otherwise in a Contract Data Requirements List.

4.1 Monthly Progress Reports.

The Contractor shall provide Monthly Progress Reports summarizing the progress and status of the Rebuild Effort.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized 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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: Rifle, 5.56MM, M16A2	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No.: A001	2. TITLE OF DATA ITEM: Contractor's Progress, Status, and Management Report	3. SUBTITLE: Monthly Progress Report
4. AUTHORITY *(Data Acquisition Document No.)*: DI-MGMT-80227	5. CONTRACT REFERENCE: SOW 4.1	6. REQUIRING OFFICE: MARCORLOGBASES (833)

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

7. DD 250 REQ.	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	MTHLY	See Blk 16
8. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION: See Blk 16

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	FINAL: Reg	FINAL: Repro
MCLBA (833-2)	0	1	0
15. TOTAL	0	1	0

16. REMARKS

Block 4 - Contractor format is authorized.

Block 4 – Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, 10.3j, 10.3k, and 10.3n.

Block 12 – The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 days after contract.

Block 13 – Subsequent submissions shall be 10 days after the last business day of each month.

Distribution Statement A: Approved for public release, distribution is unlimited.

G. PREPARED BY:	H. DATE	I. APPROVED BY:	J. DATE
[signature]	11-8-00	[signature]	11-8-00