STATEMENT OF WORK

FOR THE

REBUILD

OF THE

RIFLE, 5.56MM, M16A2

NSN 1005-01-128-9936

SOW-08-PMM132-05538C-1

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STATEMENT OF WORK (SOW) 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 Maintenance Work Requirment (DMWR) DMWR 9-1005-249, 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 Rifle, 5.56MM, M16A2, hereafter referred to as the M16A2. This document contains 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, repair 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

2.2 Other Government Documents and Publications

TM 05538C-23&P/2	Organizational and Intermediate Maintenance Manual Rifle, 5.56mm M16A2
DMWR 9-1005-249	Depot Maintenance Work Requirement for Rifle, 5.56MM M16A2
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP) Manual

SPI AMP9349000	Special Packaging Instruction (SPI)

2.3 Industry Standards

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

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 or 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., 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 566-1, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 657-6476.

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 M16A2. Upon completion of rebuild, the subject item shall be Condition Code "A".

b. Conduct In-Process and Final On-Site Testing for witness by a Marine Corps Systems Command (Code IWS), Albany, Georgia 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. 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. Inspection, Testing and Acceptance of the M16A2 shall be conducted 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 witnessed by a Marine Corps Systems Command (CodeIWS), Albany, Georgia representative. Marine Corps Systems Command (Code IWS), Albany, Georgia 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. Marine Corps Systems Command (Code IWS), Albany, Georgia representative 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 item(s) being rebuilt under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be in accordance with the Level "A" requirements of Special Packaging Instruction SPI AMP9349000, which may be obtained from the Supply Chain Planning Department , Secondary Items Planning Branch, Attn: Code 552-1, STE 20320, 814 Radford Blvd., Albany, Georgia 31704-0320, commercial telephone number (229) 639-6786 or DSN 567-6786. Items scheduled for domestic shipment for immediate or short-term storage shall be in accordance with the Level "B" requirements.

b. Marking for shipment and storage 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). 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 possesion. 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 responsibilities for Marine Corps assets. The Contractor is to acknowledge reciept of GFM to the MCA within 15 days of reciept. This can be done by mailing a copyof 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 a copy to commercial telepnone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition mareriel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11, provides guidance to Contractors 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 Contractor shall be responsible for conducting all required test and shall ensure all necessary personnel are notified prior to final acceptence. A representive from Marine Corps Systems Command (Code IWS), Albany, Georgia shall observe acceptance test. The Contractor shall give Marine Corps Systems Command a two week notice prior to commencement of acceptance testing.

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), Albany, Georgia representative. The Contractor shall, at no additional cost to Marine Corps Systems 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 a Monthly Progress Reports to Marine Corps Systems Command, Code IWS, STE 20343, 814 Radford Blvd., Albany, Georgia

31704-0343 summarizing the progress and status to include an itemized listing of NSN's and unit cost of all repair parts procured for the Rebuild Program.