

**STATEMENT OF WORK (SOW) FOR THE  
REBUILD OF THE  
LAUNCHER ASSAULT ROCKET 83MM, (SMAW) MK153  
NSN 1055-01-164-4608  
Document Control Number: SOW-00-833-2-08673A-1/1  
Date: 6 JUL 99**

**TABLE OF CONTENTS**

<b><u>CONTENTS</u></b>	<b><u>PARA</u></b>	<b><u>PAGE</u></b>
SCOPE	1.0	1
BACKGROUND	1.1	1
APPLICABLE DOCUMENTS	2.0	1
MILITARY STANDARDS	2.1	1
OTHER GOVERNMENT DOCUMENTS AND PUBLICATIONS	2.2	1
INDUSTRY STANDARDS	2.3	2
REQUIREMENTS	3.0	2
GENERAL TASKS	3.1	2
REBUILD	3.2	2
INSPECTIONS, TESTING AND ACCEPTANCE	3.2.1	3
PACKAGING, HANDLING, STORAGE, AND TRANSPORTATION	3.2.2	3
CONFIGURATION MANAGEMENT	3.3	3
GOVERNMENT FURNISHED EQUIPMENT (GFE) ACCOUNTABILITY GOVERNMENT FURNISHED MATERIEL (GFM)	3.4	4
CONTRACTOR FURNISHED MATERIEL	3.5	4
QUALITY ASSURANCE PROVISIONS	3.6	4
ACCEPTANCE	3.7	4

<u>CONTENTS</u>	<u>PARA</u>	<u>PAGE</u>
REJECTION	3.8	4
REPORTS	4.0	5
MONTHLY PROGRESS REPORTS	4.1	5

**STATEMENT OF WORK (SOW) FOR THE  
REBUILD OF THE  
LAUNCHER ASSAULT ROCKET 83MM, (SMAW) MK153  
NSN 1055-01-164-4608**

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 MK153. These documents contain requirements to rebuild the MK153 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 rebuild 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-2073-1C	DoD Standard Practice for Military Packaging
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 08673A-25&P/2A	Maintenance Instructions Organizational, Intermediate and Depot with Repair Parts List, Launcher Assault Rocket 83mm MK153, Mod 0
-------------------	---

MI 08673A-25/2	Spotting Rifle Bracket Upgrade Launcher Assault Rocket 83mm MK153, Mod 0
MI 08673A-25/3	Firing Mechanism Upgrade Launcher Assault Rocket 83mm MK153 Mod 0
MI 08673A -34/4	Modification of Optical Sight Mount, Launcher Assault Rocket 83mm MK153, Mod 0

### 2.3 Industry Standards.

ANSI/ISO/ASQC Q9003-1994, Quality Systems

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 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 (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 MK153. 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 Logistics Bases (MCLB), Albany, representative.

c. TM 08673A-25&P/2A will be use in the rebuild process.

### 3.2 Rebuild.

#### 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.

### 3.2.1 Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the MK153 shall be conducted in accordance with TM 08673A-25&P/2A.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are notified prior to completion the final acceptance. Acceptance tests shall be held at NSWC Crane, Indiana. 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 MK153's repaired under the provisions of this SOW shall be accomplished in accordance with TM 08673A-25&P/2A.

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

a. The contractor shall be responsible for the application of preservation and packaging of items being repaired under the terms of this SOW. Items being prepared for long term storage and/or shipment to overseas destinations shall be in accordance with the level "A" protection criteria of MIL-STD-2073-1C, Appendix J, Table J.Ia., Specialized preservation code "DB". Items being prepared for domestic shipment or immediate use shall be level "B" protection.

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

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 MK153 has been established in TM 08673A-25&P/2A. No deviation from the approved baseline will be allowed due to safety factors.

### 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/G316-2), 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 CFM (NAVICPINST 4491.21A). 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 Q9003-1994, Quality System 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 on the end items shall be conducted at the NSWC, Crane, In. 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 (Code833-2), 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.

