

**Draft Maintenance Concept Remains Consistent with Prior Fiscal Year**

**STATEMENT OF WORK (SOW)  
for the Screening/Repair  
of the**

**SMAW Launcher Assault Rocket  
MK 153 Mod O  
NSN 0003-03-003-0003**

**SOW-07-PMM133-08673A-3**

1. This SOW identifies the work efforts that shall be performed by MCLB Barstow (B884/8) to screen and/or repair the Principle End Item (PEI) and the Secondary Depot Repairables for the Launcher Assault Rocket MK 153 Mod O (SMAW), NSN 0003-03-003-0003. IDN 08673A The SMAW is a Principal End Item (PEI); TAMCN E09157M applies.
2. The attached document has been approved by the LMS, MARCORSSYSCOM.

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## 1. INTRODUCTION

### 1.1 Scope

This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by Marine Corps Logistics Bases (MCLB) Barstow (B884/8) in the screening effort of the Launcher Assault Rocket MK 153 Mod O, hereafter referred to as SMAW. NSN 0003-03-003-0003 and the following Secondary Depot Repairables (SDRs):

<u>NSN</u>	<u>Part Number</u>	<u>Nomenclature</u>
1240-01-165-2183	82A5027A1500	Sight, Optical
1055-01-340-0816	82A5027A5133	Barrel, Tube Subassembly
1055-01-477-9734	82A5027A5132	Rifle Assembly
1055-01-491-4225	82A5027A6100	Tube Assembly (Black)
1015-01-165-6212	82A5027A6101	Tube Assembly (Green)
1055-01-170-1401	82A5027A1200	Firing Mechanism
1055-01-171-5773	82A5027A1210	Generator, Firing Mechanism

This document contains requirements to restore the SMAW to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction, including material with more than six months shelf-life remaining". When screened or repaired, MCLB Barstow (B884/8) shall assign the appropriate condition code to the SMAW.

### 1.2 Background

The SMAW Screening Program was developed to improve readiness by reducing repair turnaround times and associated costs. As this program evolves, requirements must be refined to meet current needs.

For the purposes of this SOW, repair shall be defined as "That maintenance technique which determines the minimum repairs necessary to restore equipment, components, or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement".

## 2. 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	DoD Standard Practice for Military Packaging

## 2.2 Other Government Documents and Publications

### Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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## 2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems - Requirements
JESD625-A	Requirements for Handling Electrostatic-Discharge Sensitive (ESDS) Devices

### Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management
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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 and publications required by the Contractor in connection with specific SOW requirements shall be obtained through the Logistics Management Specialist (LMS): Marine Corps Systems Command, Attn: LMS (Code PMM133), 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343, commercial telephone number (229) 639-6494 or DSN 567-6494. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 566-1A, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

## 3. REQUIREMENTS

### 3.1 General Tasks

In fulfilling the specified requirements, MCLB Barstow (B884/8) shall:

- a. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the SMAW. Upon completion of screening/repair process, the SMAW shall be Condition Code "A".
- b. Requisition replacement parts from the applicable source of supply.

c. Ensure the SMAW is modified to the most current, approved configuration. If a modification has not been applied, indicate on the Limited Technical Inspection (LTI) at time of induction, as prescribed in paragraph 3.2.1.

### 3.2 Detailed Tasks

The following tasks describe the different phases of the screening/repair program for the SMAW:

Phase I - Pre-Induction

Phase II - Repair

Phase III - Inspection, Testing and Acceptance

Phase IV - Packaging, Handling, Storage and Transportation (PHS&T)

Phase V - Production Close Out

#### 3.2.1 Phase I - Pre-Induction

A pre-induction inspection analysis shall be performed for each SMAW within five working days of induction into MCLB Barstow's (B884/8) facility for evaluation of repair capability. An LTI shall be performed to determine the present condition of the item and feasibility of repair. If repair is not feasible/cost effective, assign a Condition Code (C/C) "F". Otherwise assign C/C "J, G, or K". Also note on the LTI if any modifications are required to bring this item up to the current configuration. Limited Technical Inspection Report and Supply Discrepancy Report, Standard Form 364 shall be used to report all anomalies.

**DID# DI-MISC-80508A: Technical Report – Study/Services**  
**Subtitle: Limited Technical Inspection Report**

**DID# DI-MISC-80508A: Technical Report – Study/Services**  
**Subtitle: Supply Discrepancy Report**

#### 3.2.2 Phase II – Repair

Upon completion of LTI assign the appropriate C/C. The SMAW shall be inducted and repaired in accordance with this SOW. Deficiencies reported in the LTI and Supply Discrepancies Report during Phase I shall be repaired/replaced in accordance with approved Technical Manuals (TM). Components or assemblies shall not be disassembled for replacement of parts unless that part has been tested and verified as a failure or the component assembly wherein the part is located is disassembled for repair. Repair time shall not exceed thirty days under normal conditions. However, the LMS may direct a reduction of the repair cycle time based upon mission priority.

#### 3.2.3 Phase III - Inspection, Testing and Acceptance

Inspection, Testing and Acceptance shall be conducted in accordance with ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. MCLB Barstow (B884/8) shall be responsible for conducting all required tests and correcting all/any deficiencies identified during this phase. MCLB Barstow (B884/8) shall submit a test report documenting all test results. The LMS may require repeat tests, or portions thereof, if the original testing fails to demonstrate compliance with this SOW.

### 3.2.3.1 Production Status Report

MCLB Barstow (B884/8) shall submit a Production Status Report whenever any significant events have occurred during production. This will include all current Engineering Change Proposals (ECP) and any site visit maintenance actions performed by MCLB Barstow (B884/8).

**DID# DI-MISC-80508A: Technical Report – Study Services**  
**Subtitle: Production Status Report**

### 3.2.4 Phase IV - Packaging, Handling, Storage, and Transportation (PHS&T)

3.2.4.1 MCLB Barstow shall be responsible for preservation and packaging of items being repaired 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 MIL-STD-2073-1D, Appendix J, Table J.Ia., Specialized Preservation Code “DB”. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with Level “B” requirements.

3.2.4.2 Marking for shipment and storage shall be in accordance with MIL-STD-129.

3.2.4.3 The Marine Corps will be responsible for providing MCLB Barstow with the shipping address(es) for delivery of the repaired equipment. The MCLB Barstow 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 MCLB Barstow.

### 3.2.5 Phase V – Production Close Out

MCLB Barstow (B884/8) shall close out the screening program line item number that provides program funding. MCLB Barstow (B884/8) shall submit a final report prior to closeout. Non-closure shall not be cause for delay of the final report.

**DID#: DI-MISC-80508A: Technical Report – Study/Services**  
**Subtitle: Final Report**

### 3.3 Configuration Control

MCLB Barstow (B884/8) shall apply configuration control procedures to established configuration items. MCLB Barstow (B884/8) shall not implement configuration changes to the SMAW without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, MCLB Barstow (B884/8) shall prepare and submit a Request For Deviation (RFD). All recommended changes effecting form, fit or function shall be documented via an Engineering Change Proposal (ECP). ECPs and RFDs shall be submitted to the LMS for processing. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing these configuration control documents.

**DID#: DI-CMAN-80639C: Engineering Change Proposal (ECP)**  
**DID#: DI-CMAN-80640C: Request For Deviation (RFD)**

### 3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM)

MCLB Barstow (B884/8) shall report receipt of all GFE/GFM and report consumption of GFM to the Management Control Activity (MCA/Code 581-1B). The MCA will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in MCLB Barstow (B884/8)'s possession. The MCA will forward a GFE/GFM Accountability Agreement to MCLB Barstow (B884/8) for signature to establish a chain of custody and identify property responsibilities for Marine Corps Assets. The MCA, in conjunction with the LMS, reserve the right to deny any requests for GFE/GFM. Under no circumstances shall such denial form a basis for either work stoppages or delays in delivery.

**DID#: DI-MISC-80508A: Technical Report – Study/Services  
Subtitle: Government Furnished Equipment/Government Furnished  
Materiel (GFE/GFM) Report**

### 3.5 Electrostatic Discharge (ESD) Control Program

MCLB Barstow (B884/8) shall establish, implement, and document an ESD Control Program following the guidelines provided in JESD625-A. ESD protective measures shall be used during manufacturing, handling, and inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

### 3.6 Quality Assurance Provisions

MCLB Barstow (B884/8) 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 processing, assembly, inspection, test, maintenance and preparation for delivery and shipping. Unless otherwise specified in the contract, MCLB Barstow (B884/8) shall be responsible for performance of all inspection requirements. MARCORSYSCOM (Code PMM133), Albany, Georgia reserves the right to perform inspections where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

### 3.7 Acceptance

MCLB Barstow (B884/8) shall provide facilities that allow MARCORSYSCOM Albany (Code PMM133) representatives to conduct acceptance testing. Inspection may be accomplished in-plant or at any work site or location as agreed to by MARCORSYSCOM (Code PMM133), MCLB Albany, Georgia. The performance of MCLB Barstow (B884/8) 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. MARCORSYSCOM (Code PMM133), Albany, Georgia representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection, acceptance testing and final acceptance shall be conducted at MCLB Barstow (B884/8)'s facility on 100% of items to verify that the units meet all requirements.

### 3.8 Rejection

MCLB Barstow (B884/8) shall comply with the specified requirements listed herein. Failure to comply with any of the specified requirements shall be reason for rejection. At no cost to the Government, MCLB Barstow (B884/8) shall develop a Plan of Action & Milestone (POA&M) report to correct noted deficiencies. The POA&M shall be approved by the LMS prior to correcting the noted deficiencies. Government re-inspection will be required.

**DID#: DI-MISC-80508A: Technical Report – Study/Services  
Subtitle: Plan of Action and Milestone Report (POA&M)**

### 3.9 Funding Reports

a. MCLB Barstow (B884/8) shall submit a SMAW Financial Screening Program Report which shall include all data from the previous months of the current fiscal year. The report shall include all completed and in-process items in NSN sequence, funding data, and point of contact information for MCLB Barstow (B884/8).

**DID#: DI-MISC-80508A: Technical Report – Study/Services  
Subtitle: Financial Screening Program Report**

b. MCLB Barstow (B884/8) shall submit a report with a five-year estimate of the funding required to support the repair of the SMAW. The report shall include estimates for labor, materials, PEI Line Item number, nomenclature, and NSN Line Item Number. The report shall be submitted each year for funding planning purposes for the coming fiscal year.

**DID#: DID-MISC-80508A: Technical Report – Study/Services  
Subtitle: Funding Report**

## 4. COST AND FINANCIAL ADMINISTRATION

a. Upon completion of negotiations, the agreed upon price will remain fixed for the duration of the repair effort, or through the end of the fiscal year, whichever comes first. The price for any work to be performed for the next fiscal year will be developed by MCLB Barstow (B884/8) and will be submitted to the LMS in sufficient time to allow for processing of agreed upon documentation, prior to the beginning of the fiscal year.

b. The financial management representatives of the two activities shall determine the specific procedures that will be used to transfer funds under this SOW. A Project Order, Form 1175, will be used for transfer of funds between the parties to this SOW. MCLB Barstow (B884/8) shall accept Marine Corps funding as cost reimbursable. Final obligation must be received no later than one (1) week before the end of the fiscal year. This agreement will go into effect as soon as funds are transferred to MCLB Barstow (B884/8).

c. The Program Pricing Policy for repair costs will be determined as follows:

1) Labor cost will be calculated and recorded against each item processed based on established labor hour rates.

2) Parts costs will be the actual dollar value (Standard Unit Price) of each item replaced/repared for each SMAW.

3) The pricing policy will allow for determination of fund balances based on Monthly SMAW Financial Screening Program Reports and must equal the total funded for a fiscal year upon completion of the last in process items for that fiscal year.

4) MARCORSYSCOM Albany (Code PMM133) will annually review and establish general program pricing policy as necessary.

d. MCLB Barstow (B884/8) shall maintain complete fund accounting, according to current regulations and the procedures identified in this SOW.

e. MCLB Barstow (B884/8) and MCLC Albany will conduct a financial review no later than 1 July to determine the funding required for the remainder of the fiscal year. MARCORSYSCOM Albany (Code PMM133) will take the lead in scheduling the date and time for the financial review.

**ATTACHMENT A:**  
**CONTRACT DATA REQUIRMENTS LIST**

**ATTACHMENT B:  
REPORT FORMATS**