

STATEMENT OF WORK (SOW)
for Rebuild of the
Launcher, Assault Rocket, 83mm, (SMAW) MK153 Mod 0
NSN 1055-01-164-4608
and the Secondary Depot Repairables (SDR's)

<u>ID #</u>	<u>Nomenclature</u>	<u>NSN</u>
8A538B	Optical Sight	1240-01-165-2183
8C544B	Tube Assembly, Rocket Launcher	1015-01-165-6212
8C544C	Tube Assembly, Rocket Launcher	1015-01-491-4225
8H373B	Firing Assembly	1055-01-170-1401
8I338B	Rifle, Spotting Assault	1055-01-164-6662

SOW-04-CBG-08673A-1/1

1. This SOW identifies the work efforts that shall be performed by the contractor to rebuild the Launcher, Assault Rocket, 83mm, (SMAW) MK 153 Mod 0 and all of the Secondary Depot Repairables associated with the weapon system. The Launcher, Assault Rocket, 83mm, MK 153 Mod 0 (SMAW) is a Principal End Item (PEI), TAMCN E0915 applies.
2. The attached manuscript has been reviewed and is concurred upon by the following:

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1. INTRODUCTION

1.1 Scope

This Statement of Work (SOW) establishes, sets forth tasks, and identifies the work effort that the contractor shall perform for the rebuild of the SMAW MK 153 Mod 0. This document contains requirements to restore the SMAW MK 153 Mod 0 to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification; new, used, rebuilt 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 rebuilt, the contractor shall assign the appropriate condition code to the SMAW MK 153 Mod 0.

1.2 Background

For the purposes of this SOW, 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, rebuild or replacement of worn or unserviceable parts/elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the item.

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 for Military Marking
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

The most current, published issue for the documents cited below shall be used to complete the requirements of this SOW:

TM 08673A-25&P/2A	Launcher Assault Rocket, 83mm, (SMAW) MK 153 Mod 0 Technical Manual
DOD 4000.25-1-M	MILSTRIP Manual

Military Handbook (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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2.3 Industry Standards

ANSI/ISO/ASQC Q9003-1994	Quality Systems - Model for Quality Assurance in Final Inspection and Test
JESD625-A	Requirements for Handling Electrostatic-Discharge Sensitive (ESDS) Devices

Industry Standard (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 <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 IWS), 814 Radford Blvd., Suite 20343, Albany, GA 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 583-1, 814 Radford Blvd., Suite 20320, Albany, GA 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3. REQUIREMENTS

3.1 General Tasks

In fulfilling the specified requirements, the contractor shall:

- a) Rebuild the MK 153 Mod 0 in accordance with TM 08673A-25&P/2A. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the SMAW MK 153 Mod 0. Upon completion of rebuild process, the SMAW MK 153 Mod 0 shall be Condition Code "A."
- b) Requisition replacement parts from the applicable source of supply using DOD 4000.25-1-M MILSTRIP Manual.
- c) Ensure the SMAW MK 153 Mod 0 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 rebuild program for the SMAW MK 153 Mod 0:

Phase I	Pre-Induction
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Phase II	Rebuild
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 MK 153 Mod 0 within five working days of induction into the contractors facility for evaluation of rebuild capability. A Limited Technical Inspection (LTI) shall be performed to determine the present condition of the item and feasibility of rebuild. If rebuild is not feasible/cost effective, assign a Condition Code (C/C) "F." Otherwise assign C/C "M" and induct into the rebuild cycle. Also note on the LTI if any modifications are required to bring this item up to the current configuration. Limited Technical Inspection Report, DA-2404 and Supply Discrepancy Report, Standard Form 364 shall be used to report all anomalies.

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

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

3.2.2 Phase II – Rebuild

Upon completion of LTI and the assignment of a C/C "M," the SMAW MK 153 Mod 0 shall be inducted and rebuilt in accordance with this SOW. Deficiencies reported in the LTI and Supply Discrepancy Report during Phase I shall be rebuilt/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 rebuild. Rebuild time shall not exceed thirty days under normal conditions. However, the LMS may direct a reduction of the rebuild 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 Q9003-1994 Quality Systems - Model for Quality Assurance in Final Inspection and Test. The contractor shall be responsible for conducting all required tests and correcting all/any deficiencies identified during this phase. The contractor 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.

DID# DI-NDTI-80809B: Test/Inspection Report

3.2.3.1 Production Status Report

The contractor 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 the contractor.

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

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

- a) The contractor shall be responsible for preservation and packaging of items being rebuilt under the terms of this SOW. Items scheduled for long-term storage or shipment to overseas destinations shall be to the level A requirements of MIL-STD-2073-1D, Appendix J, Table J.1a., Specialized Preservation Code “DB.” Items scheduled for domestic shipment for immediate use or short-term storage shall be to level B requirements. Exceptions will be identified in writing by the LMS.
- b) Marking for shipment and storage 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.

3.2.5 Phase V – Production Close Out

The contractor shall close out the rebuild program line item number that provides program funding. The contractor shall submit a final report prior to closeout. Non-closure shall not be cause for delay of the final report.

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

3.3 Configuration Control

The contractor shall apply configuration control procedures to established Configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. Procedures or materials contained in manuals, standards and instructions or engineering drawings/documents define the item's characteristics. If deemed necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing RFD's.

DID#: DI-CMAN-80640C: Request For Deviation (RFD)

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

The contractor shall report receipt of all GFE/GFM and report consumption of GFM to the Management Control Activity (MCA/Code 573-2). The MCA will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE/GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE/GFM Accountability Agreement to the contractor 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/T: Technical Report – Study/Services
Subtitle: Government Furnished Equipment/Government
Furnished Materiel (GFE/GFM) Report

3.5 Electrostatic Discharge (ESD) Control Program

The contractor 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, inspection, testing, marking, packaging, storing and transporting ESD sensitive components.

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. 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, the contractor shall be responsible for performance of all inspection requirements. MARCORSYSCOM Albany (Code PMM-133), MCLB Albany, GA, 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

The contractor shall provide facilities that allow MARCORSYSCOM Albany (Code PMM-133) representatives to conduct acceptance testing. Inspection may be accomplished in-plant or at any work site or location as agreed to by the Marine Corps. 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. MARCORSYSCOM Albany (Code PMM-133) representatives shall be permitted to observe the work or to conduct inspections at all reasonable hours. Final inspection, acceptance testing and final acceptance will be conducted at the contractor's facility on 100% of items to verify that the units meet all requirements.

3.8 Rejection

The contractor 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, the contractor 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/T: Technical Report-Study/Services
Subtitle: Plan of Action and Milestone Report (POA&M)

3.9 Funding Reports

a) The contractor shall submit a SMAW Financial Rebuild 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 the contractor.

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

b) The contractor shall submit a report with a five-year estimate of the funding required to support the rebuild of the SMAW MK 153 Mod 0. 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/T: 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 rebuild 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 the contractor, 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. The contractor 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 the contractor.

c) The Program Pricing Policy for rebuild 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/rebuilt for each SMAW.

3) The pricing policy will allow for determination of fund balances based on Monthly SMAW Financial Rebuild 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 PMM-133, will annually review and establish general program pricing policy as necessary.

d) The contractor shall maintain complete fund accounting, according to current regulations and the procedures identified in this SOW.

e) The contractor and MCLB 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 PMM-133 will take the lead in scheduling the date and time for the financial review.

**ATTACHMENT A:
CONTRACT DATA REQUIRMENTS LIST**

**ATTACHMENT B:
REPORT FORMATS**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	COLUMN HEADINGS FOR EXPLANATION ONLY															
2	Asset Database															
3	AssetID	ItemID	NSN_1	Asset Descrip	SerialNumber	NSN_2	PEI/SDR	CCIn	CCOut	DateAcquired	DateFinished	ReceiptDate	FedLogSUP	N/A	N/A	N/A
4	Sys #	Text	Text	Text	Text	Text	Text	Text	Text	Short Date	Short Date	Short Date	Currency			
5	N/A	3	16	255	50	16	3	1	1	(mm/dd/yy)	(mm/dd/yy)	(mm/dd/yy)	\$0.00			
6																
7																
8	SMAW Assault Rocket Launcher Depot Level Maintenance MONTHLY REPORT FORMAT															
9	LineNo	ID	NSN	Nomenclature	SerNo	NSN Out	PEI/SDR	CCIn	CCOut	Date In	Date Out	RecptDate	SUP	Lbr Cost	Mat Cost	Total Cost
10																
11	Notes:															
12	1. The following software application may be used as desired; however, reports are required to be submitted as an electronic attachment to an email message. The report is submitted as an															
13	EXCECEL 97/2000 spreadsheet file attachment to an email message.															
14	2. The report data is extracted from a database which is resident at the Maintenance Center, Barstow (B884). EXCECEL 97/2000 is used to export the data from the resident ACCESS 97/2000 database.															
15	3. A field is the equivalent of a column. A record is the equivalent of a row or line.															
16	4. Column A: ACCESS 97/2000 creates a sequential system number (SYS #) when a new record is added to the database. EXCECEL 97/2000 generates a sequential row number (LineNo) for the screening program reports.															
17	5. Column B: Costs Identifier: Cost identifiers are used in this program to identify cost not previously identified in the contract.															
18	The Identifier is a two letter code used to classify costs as follows:															
19	The letters (TD) identifies the total cost of Temporary Additional Duty (T.A.D.) trips taken in support of the weapon system.															
20	The letters (OC) identifies Other Identified Costs in support of the weapon system.															
21	The letters (EP) identifies costs associated with implementing Engineering Change Proposal(s) (E.C.P.'s)															
22	The letters (MD) identifies costs associated with Modification Instructions (MI's) and Technical Instructions (TI's).															
23	The letters (CNSN_1) identifies costs associated with Modification Costs associated with Modification Instructions (MI's) and Technical Instructions (TI's).															
24	6. Column C: NSN_1 is the database field name used to record and report the national stock number of the receipt asset. This is the primary sort field for the screening program report.															
25	7. Column D: Asset Description is the database field used to record the asset description. Nomenclature is the screening program report column heading used to report the asset description.															
26	8. Column E: SerialNumber is the database field name used to record the receipt asset serial number. SerNo is the screening program column heading used to report the receipt asset serial number.															
27	9. Column F: NSN_2 is the database field name used to record the outgoing national stock number. NSN Out is the screening program column heading used to report the outgoing national stock number.															
28	10. Column G: PEI/SDR is the database field name used to record and report the asset as either a Principal End Item or a Secondary Depot Repairable asset.															
29	11. Column H: CCIn is the database field name used to record and report the Condition Code of the receipt asset															
30	12. Column I: CCOut is the database field name used to record and report the Condition Code of the outgoing assets.															
31	13. Column J: DateAcquired is the database field name used to record the date the Maintenance Center receipts for the incoming asset. Date In is the screening program report column used to report the day the															
32	Maintenance Center receipts for the incoming asset.															
33	15. Column K: DateFinished is the database field name used to record the date the Maintenance Center completed the asset screening process. Date Fin is the screening program report column heading															
34	used to report the day the Maintenance Center completes processing an outgoing asset.															
35	16. Column L: Receipt Date is the database field name used to record the day the customer receipts for the asset.															
36	17. Column M: FedLogSUP is the database field name used to record the standard unit price (SUP) as shown in the FedLog file on the day the Maintenance Center received the asset.															
37	SUP is the screening program report heading showing the Standard Unit Price on the day the Maintenance Center received the asset.															
38	18. Column N: Lbr Cost is the screening program report heading used to show the labor charges applied to the asset going back to the customer. It is a calculated report field.															
39	19. Column O: Mat Cost is the screening program report heading used to show the cost of materials applied to the asset going back to the customer. It is a calculated report field.															
40	20. Column P: Total Cost is the screening program report heading used to show the total cost applied to the asset going back to customer. It is a calculated report field.															

