Draft Maintenance Concept Remains Consistent with Prior Fiscal Year

Statement of Work (SOW)

for the Depot Repair

of the

Scanner Assembly
NSN 5840-01-473-4355

for the

JAVELIN Command Launch Unit

1. This SOW identifies the work efforts that shall be performed by the Contractor to repair Scanner Assembly for which is a Secondary Depot Repairable (SDR) for the Javelin Command Launch Unit (CLU), M98A1, Part Number 13313011-039, NSN 1430-01-433-8025. The JAVELIN Command Launch Unit is a Principal End Item (PEI); TAMCN E02077B applies.

2. The attached manuscript has been reviewed and is concurred upon by the following.

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Statement of Work (SOW)
for the Depot Repair of the
Scanner Assembly
NSN 5840-01-473-4355
for the
JAVELIN Command Launch Unit

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 Base (MCLB) Barstow (M38010) in the depot repair of the Secondary Depot Repairables (SDR) for the Javelin Command Launch Unit (CLU), NSN 1430-01-433-8025:

NSN	Part Number	Nomenclature
5840-01-473-4355	13305568-509	Scanner Assembly

This document contains requirements to restore the JAVELIN SDR 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 repaired, the Contractor shall assign the appropriate condition code to the JAVELIN SDR.

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 is 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 parts or elements using original manufacturing tolerances and specifications and subsequent reassembly and testing 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: Military Marking for Shipment and Storage
MIL-STD-2073-1D(1)	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

AL14338025	Special Packaging Instruction; Command Launch Unit

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

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

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): Commanding General, 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, the Contractor shall:

a. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the Scanner Assembly.

Upon completion of rebuild/repair process, the JAVELIN SDR's shall be Condition Code "A".

b. Requisition replacement parts from the applicable source of supply.

c. Ensure the Scanner Assembly 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 Detail Tasks. The following tasks describe the different phases of the screening/repair program for the JAVELIN CLU:

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 Scanner Assembly within five working days of induction into MCLB Barstow's (M38010) facility for evaluation of repair capability. A Limited Technical Inspection (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) "H". Otherwise assign C/C "F". 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-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 Scanner Assembly 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

a. Inspection, Testing and Acceptance shall be conducted in accordance with ANSI/ISO/ASQC Q9001-2000, Quality Management Systems - Requirements. 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.

b. 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-MGMT-81255: 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 item(s) being repaired under the terms of this SOW. Items scheduled for long-term storage, as identified by the Logistics Management Specialist, or shipment to overseas destinations shall be in accordance with the Level "A" requirements as defined in Attachment C. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with Level "B" requirements. Copies of the Special Packaging Instructions may be obtained from the PHS&T Subject Matter Expert, ***robert.breton@usmc.mil***, at commercial telephone number (229) 639-6786 or DSN 567-6786.

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

c. The Marine Corps will be responsible for providing the Contractor with the shipping address(es) for delivery of the repaired 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 Master Work Schedule 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: 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 the Scanner Assembly without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the Contractor 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). The LMS will coordinate GFE/GFM requests with the Management Control Activity (MCA) (Code 581-1B) who will maintain a central control system on all government owned assets in the Contractor's possession. The MCA will forward 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 LMS, reserves the right to deny any request for GFE/GFM. Under no circumstances shall such denial form a basis for either work stoppages or delays in delivery. The Contractor is to acknowledge receipt of GFM to the LMS within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Commanding General, Marine Corps Systems Command (PMM133), Attn: Mr. Wayne Moquin, 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343 or faxing a copy to commercial telephone number (229) 639-6593 or DSN 567-6593.

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. 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 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, the Contractor 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. The Contractor shall provide facilities that allow MARCORSYSCOM (Code PMM133), Albany, Georgia 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), Albany, Georgia. 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 (Code PMM133), Albany, Georgia representatives shall be permitted to observe the work or to conduct inspections within Contractor's normal working hours. Final inspection, acceptance testing and final acceptance shall 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: Technical Report-Study/Services
Subtitle: Plan of Action and Milestone Report (POA&M)

4. FUNDING REPORTS

a. The Contractor shall submit a Javelin Financial Depot Repair 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: Technical Report – Study Services
Subtitle: Financial Rebuild Program Report

b. The Contractor shall submit a report with a five-year estimate of the funding required to support the repair of the Scanner Assembly. 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

5. 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 shall be developed by the Contractor, and shall 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 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/repaired for each JAVELIN CLU.

3) The pricing policy will allow for determination of fund balances based on Monthly JAVELIN 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 (Code PMM133), Albany, Georgia 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 MARCORSYSCOM Albany, Georgia will conduct a financial review no later than 1 July to determine the funding required for the remainder of the fiscal year. MARCORSYSCOM (Code PMM133), Albany, Georgia will take the lead in scheduling the date and time for the financial review.

ATTACHMENT A:
CONTRACT DATA REQUIREMENTS LIST

ATTACHMENT B:
REPORT FORMAT

Sample Data for Example Only

ID	NSN In	Nomenclature	SerNo	NSN Out	PEI/SDR	CCIn	CCOu	Date In	Date Out	Recpt	SUP	Lbr Cost	Mat Cost	Total Cost
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED	212513		SDR	M		9/20/1999			$34,144.10			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		12/1/1999			$34,798.00			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED	308516		SDR	M		9/20/1999			$34,144.10			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		12/1/1999			$34,798.00			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED	211187		SDR	M		9/20/1999			$34,144.10			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		11/1/1999			$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		11/1/1999			$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		11/1/1999			$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		11/1/1999			$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		11/1/1999			$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED			SDR	M		11/1/1999			$34,144.00			
SN	5855-01-161-8964	TEST SET, BORESIGHT	200337		PEI	M		12/1/1999			$18,354.00			
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200098	5855-01-212-4997	PEI	M	A	10/26/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200072	5855-01-212-4997	PEI	M	A	9/10/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200235	5855-01-212-4997	PEI	M	A	9/10/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200315	5855-01-212-4997	PEI	M	A	9/10/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200286	5855-01-212-4997	PEI	M	A	9/10/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200232	5855-01-212-4997	PEI	M	A	9/10/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200158	5855-01-212-4997	PEI	M	A	9/10/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
SN	5855-01-212-4997	EQUIPMENT SET NVS A	200157	5855-01-212-4997	PEI	M	A	4/4/1999	11/5/1999	11/9/1999	$61,791.00	$8,094.62	$865.07	$8,959.70
ST	5915-01-175-2657	FILTER ASSEMBLY		5915-01-175-2657	SDR	M	A	6/18/1999	11/8/1999	11/8/1999	$395.00	$85.32	$3.16	$88.48
ST	5915-01-175-2657	FILTER ASSEMBLY		5915-01-175-2657	SDR	M	A	9/15/1999	11/8/1999	11/8/1999	$395.00	$85.32	$3.16	$88.48
ST	5999-01-109-9374	CIRCUIT CARD ASSEMBL	061300	5999-01-109-9374	SDR	M	A	11/19/1999	11/22/1999	11/22/1999	$290.00	$62.64	$2.32	$64.96
ST	5999-01-109-9374	CIRCUIT CARD ASSEMBL	091413	5999-01-109-9374	SDR	M	A	11/19/1999	11/22/1999	11/22/1999	$290.00	$62.64	$2.32	$64.96
ST	5999-01-109-9374	CIRCUIT CARD ASSEMBL	021179	5999-01-109-9374	SDR	M	A	11/19/1999	11/22/1999	11/22/1999	$290.00	$62.64	$2.32	$64.96
ST	5999-01-109-9374	CIRCUIT CARD ASSEMBL	031200	5999-01-109-9374	SDR	M	A	11/19/1999	11/22/1999	11/22/1999	$290.00	$62.64	$2.32	$64.96
ST	5999-01-109-9374	CIRCUIT CARD ASSEMBL	021214	5999-01-109-9374	SDR	M	A	11/19/1999	11/22/1999	11/22/1999	$290.00	$62.64	$2.32	$64.96
ST	5999-01-112-4325	CIRCUIT CARD	2273	5999-01-112-4325	SDR	M	A	6/18/1999	11/22/1999	11/22/1999	$1,181.00	$255.10	$9.45	$264.54
ST	5999-01-112-4325	CIRCUIT CARD	37	5999-01-112-4325	SDR	M	A	6/18/1999	11/22/1999	11/22/1999	$1,181.00	$255.10	$9.45	$264.54
ST	5999-01-145-7729	INTERFACE ASSEMBLY	122071	5999-01-145-7729	SDR	M	A	7/16/1999	11/8/1999	11/8/1999	$3,117.00	$673.27	$24.94	$698.21
ST	5999-01-145-7729	INTERFACE ASSEMBLY	041104	5999-01-145-7729	SDR	M	A	7/16/1999	11/8/1999	11/8/1999	$3,117.00	$673.27	$24.94	$698.21
ST	5999-01-145-7729	INTERFACE ASSEMBLY	061073	5999-01-145-7729	SDR	M	A	7/16/1999	11/8/1999	11/8/1999	$3,117.00	$673.27	$24.94	$698.21
ST	5999-01-145-7729	INTERFACE ASSEMBLY	211006	5999-01-145-7729	SDR	M	F	11/18/1999	11/29/1999	11/29/1999	$3,117.00	$63.49	$0.00	$63.49
ST	5999-01-145-7729	INTERFACE ASSEMBLY	038	5999-01-145-7729	SDR	M	F	11/18/1999	11/29/1999	11/29/1999	$3,117.00	$63.49	$0.00	$63.49
SN	5999-01-298-2957	CIRCUIT CARD ASSEMBLY			SDR	M		11/2/1999			$634.19			
SN	5999-01-298-2957	CIRCUIT CARD ASSEMBLY			SDR	M		11/2/1999			$634.19			

ATTACHMENT C

NSN	NOMENCLATURE	PACKAGING
1430-01-433-8025	Command Launch Unit	Special Packaging Instruction AL14338025

All below items will be packaged in accordance with MIL-STD-2073-1D(1) and be packed in a reusable fast-pack container except where directed by the SPI.

NSN	NOMENCLATURE	PACKAGING
5840-01-473-4355	Scanner Assembly	Method 41