

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

**JAVELIN Command Launch Unit
1430-01-478-5345**

SOW-04-CBG-09397B-3/1

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 Javelin Command Launch Unit (CLU), M98A1, Part Number 13313011-049, NSN 1430-01-478-5345. 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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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 (B884/8) in the screening effort of the Javelin Command Launch Unit (CLU), NSN 1430-01-478-5345 and the following Secondary Depot Repairables (SDRs):

<u>NSN</u>	<u>Part Number</u>	<u>Nomenclature</u>
6650-01-473-7723	13312920-019	Optical Component
5855-01-473-4354	13307255-509	Viewer, Infrared
5998-01-491-5750	13312771-039	Circuit Card Assembly (FLIR)
5998-01-491-4624	13312774-029	Circuit Card Assembly (OIF)
5840-01-473-4355	13305568-509	Scanner Assembly
5855-01-491-4623	13305457-006	Cooler-DEWAR Group (DDC)
6650-01-473-4353	13307076-509	Imager Assembly
1240-01-472-9112	13307184-509	Eyepiece Assembly, Optical Component

This document contains requirements to restore the JAVELIN CLU 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 JAVELIN CLU.

1.2 Background

The JAVELIN 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 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:

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 PMM-133), 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) 639-6410 or DSN 567-6410.”

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 JAVELIN CLU. Upon completion of screening/repair process, the JAVELIN CLU shall be Condition Code "A."
- b. Requisition replacement parts from the applicable source of supply.
- c. Ensure the JAVELIN CLU 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 JAVELIN CLU within five working days of induction into MCLB Barstow's (B884/8) 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) "F." Otherwise assign C/C "M" and induct into the repair 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-80508A/T: Technical Report – Study/Services
Subtitle: Limited Technical Inspection Report

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

3.2.2 Phase II – Repair

Upon completion of LTI and the assignment of a C/C "M," the JAVELIN CLU 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 Q9003-1994 Quality Systems - Model for Quality Assurance in Final Inspection and Test. 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 The contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items scheduled for long-term storage or overseas destinations shall be in accordance with the level “A” requirements of MIL-STD-2073-1D, Appendix A, Table A.VI., Electronic Equipment. 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 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

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/T: 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 JAVELIN CLU 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. All recommended changes effecting form, fit or function shall be documented via an Engineering Change Proposal (ECP). ECPs and Request for Deviations 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 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 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/T: Technical Report – Study/Services

Subtitle: Government Furnished Equipment/Government Furnished Material (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, 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 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, MCLB Barstow (B884/8) shall be responsible for performance of all inspection requirements. MARCORSYSCOM (Code PMM-133), 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

MCLB Barstow (B884/8) shall provide facilities that allow MARCORSSYSCOM 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 MARCORSSYSCOM (Code PMM-133), MCLB Albany, Ga. 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. MARCORSSYSCOM (Code PMM-133), Albany, Ga. 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/T: 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 Javelin 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/T: 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 JAVELIN CLU. 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#: DI-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 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/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 Albany (Code PMM-133), 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 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**

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM JAVELIN Command Launch Unit	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Technical Report-Study/Services	3. SUBTITLE Limited Technical Inspection Report
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4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508A/T	5. CONTRACT REFERENCE SOW 3.2.1	6. REQUIRING OFFICE MARCORSYSCOM Albany
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY MTHLY	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION		
8. APP CODE N/A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See Blk 16	a. ADDRESSEE	b. COPIES	
					Draft	Final
					Reg	Repro

16. REMARKS Blk 4 - Tailoring and reporting instructions: Prepare and submit report on Form DA-2404. A copy is provided in Attachment A. Blk 12 - First submission due 10 days after the first full month after contract award. Blk 13 - Due on the 10 of each month. Blk 14 - 1 hard copy and 1 digital copy of the deliverable is required. Hard copy is to be sent to the following address: Marine Corps Systems Command Attn: LMS (Code IWS) 814 Radford Blvd., Suite 20343 Albany, GA 31704-0343 Digital copy is required via electronic mail. E-mail address for submitting the report is as follows: moquinwa@matcom.usmc.mil Distribution Statement A: Approved for Public Release; Distribution is Unlimited.	15. TOTAL →	0	1	1

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY 	H. DATE JUL 09 2002	I. APPROVED BY 	J. DATE JUL 09 2002
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**ATTACHMENT B:
REPORT FORMATS**

JAVELIN MAINTENANCE MONTHLY REPORT FORMATS

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