

Statement of Work (SOW)

for the

Conversion

of sixty-six (66)

Equipment Set, Night Vision Sight (NVS)

AN/UAS-12C

NSN 5855-01-212-4997

to the

AN/UAS-12C (Hybrid)

NSN 5855-01-301-0158

SOW-05-PMM133-08554F-5/1

1. This SOW identifies the work efforts that shall be performed by Marine Corps Logistics Bases (MCLB) Barstow (B884/8) to convert sixty-six (66) obsolete NVS AN/UAS-12C, NSN 5855-01-212-4997, ID# 08554E, to the AN/UAS-12C (Hybrid), NSN 5855-01-301-0158, ID# 08554F, configuration. Once converted, these sixty-six (66) NVSs are to be utilized in conjunction with new equipment fielding and loaded on Maritime Pre-positioned Ships (MPS). The NVS is a Principle End Item and TAMCN E0330 applies.

2. The attached document has been approved by the Logistics Management Specialist (LMS), Marine Corps Systems Command (MCSC).

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1. INTRODUCTION

1.1 Scope

1.1.1 This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that Marine Corps Logistics Bases (MCLB) Barstow (B884/8) shall perform in the conversion and rebuild effort of sixty-six (66) Equipment Sets, Night Vision Sight (NVS), AN/UAS-12C, NSN 5855-01-212-4997, ID# 08554E, to the current AN/UAS-12C (Hybrid), NSN 5855-01-301-0158, ID# 08554F, configuration, hereafter referred to as the NVS. These sixty-six (66) NVSs will be supplemented with ninety (90) additional NVSs, repaired under separate SOW, in order to field one-hundred fifty-six (156) total NVSs to the MPS program. Conversion kits necessary for this effort have been previously procured by Marine Corps Systems Command (MCSC) and staged at MCLB Barstow (B884/8).

1.1.2 This document contains requirements to convert and/or rebuild the NVS 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".

1.2 Background. For the purposes of this SOW, conversion and rebuild shall be defined as "that process which includes the installation of components into a NVS (AN/UAS-12C) to upgrade the configuration function to that of a Vision Sight (VS), AN/UAS-12C (Hybrid). This conversion also includes the maintenance technique to restore 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, repair or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items".

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

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
SL-3-08554F	Component List for NVS
TM 9-5855-1450-24P	Unit, Intermediate and Depot Maintenance Repair Parts and Special Tools List for NVS
TM 9-5855-1450-24	Direct Support and General Support Maintenance Manual for NVS
TM 9-5855-883-24	Direct Support and General Support Maintenance Manual for Vehicle Power Conditioner
TM 9-5855-884-24	Direct Support and General Support Maintenance Manual for Battery Power Conditioner
TM 9-5855-885-24	Direct Support and General Support Maintenance Manual for Boresight Collimator
AL 13010158	Special Packaging Instruction: NVS

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 System - 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, MCLB Barstow (B884/8) shall:

- a. Provide materials, labor, equipment, facilities and missing/repair parts necessary to inspect, diagnose, restore, test, and calibrate the NVS. Upon completion of repairs, the NVS shall be Condition Code "A".
- b. Requisition replacement parts from the applicable source of supply.
- c. Ensure the NVS is modified to the most current, approved configuration. If a modification has not been applied, indicate on the Limited Technical Inspection (LTI) Report at time of induction, as prescribed in paragraph 3.2.1.

d. The following publications shall be used as a guide in the repair process:

TM 9-5855-1450-24P	Unit, Intermediate and Depot Maintenance Repair Parts and Special Tools List for NVS
TM 9-5855-1450-24	Direct Support and General Support Maintenance Manual for NVS
TM 9-5855-883-24	Direct Support and General Support Maintenance Manual for Vehicle Power Conditioner
TM 9-5855-884-24	Direct Support and General Support Maintenance Manual for Battery Power Conditioner

TM 9-5855-885-24	Direct Support and General Support Maintenance Manual for Boresight Collimator
SL-3-08554F	Component List for NVS
AL 13010158	Special Packaging Instructions: NVS

3.2 Detail Tasks

a. Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, mandatory replacement items, safety, and one-time use items. Unserviceable would include any minor secondary repairable items, i.e., circuit card assemblies, power supplies and wiring assemblies that failed to function properly and are uneconomical to repair.

b. Ensure proper hardware locking devices are present on all moving mechanical assemblies.

c. Commercial components shall be replaced/repared with commercial parts to the maximum extent.

3.2.1 Phase I - Inspection, Testing, and Acceptance

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

b. 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.

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

c. MCLB Barstow (B884/8) shall ensure the LMS is notified prior to completion of the final acceptance. Acceptance tests shall be accomplished at MCLB Barstow (B884/8).

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

a. MCLB Barstow (B884/8) shall be responsible for preservation and packaging of item(s) 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(1), Appendix A., Table A. VI., Electronic Equipment and Special Packaging Instructions (SPI) AL 13010158 for the NVS. SPIs 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. Items scheduled for

domestic shipment for immediate use or short-term storage shall be in accordance with Level "B" requirements.

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

c. The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging 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 Phase III – Production Closeout 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 an item's approved performance, design, or configuration baseline without prior written authorization. All permanent changes to the form, fit, or function of the baseline shall be by Engineering Change Proposal (ECP). If it is necessary to temporarily depart from the authorized configuration, MCLB Barstow shall prepare and submit a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing these configuration control documents. ECPs and Requests for Deviations shall be submitted to the LMS for processing.

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/T: Technical Report – Study/Services

**Subtitle: Government Furnished Equipment(GFE)/Government
Furnished Materiel (GFM) Report**

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition material as required in the performance of this SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP), Chapter 11, provides guidance to Contractors on the requisition process. The Contractor's decision to utilize CFM procured from the DoD

Supply System shall be based upon cost effectiveness, availability of material, and the required completion/delivery date.

3.6 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.

3.7 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.

3.8 Acceptance. MCLB Barstow (B884/8) 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 stated by MARCORSYSCOM (Code PMM133), 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 within Contractor's normal working hours. Final inspection, acceptance testing, and final acceptance shall be conducted at MCLB Barstow (B884/8) facility on 100% of items to verify that the units meet all requirements.

3.9 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 MARCORSYSCOM (Code PMM133), Albany, Georgia, 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 MARCORSYSCOM (Code PMM133), Albany, Georgia representatives prior to correcting the noted deficiencies. MARCORSYSCOM (Code PMM133), Albany, Georgia pre-inspection will be required.

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

4. COST AND FINANCIAL ADMINISTRATION

a. Upon completion of negotiations, the agreed upon price shall 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 MCLB Barstow (B884/8), and shall be submitted to Commanding General, MARCORSSYSCOM (Code PMM133), 814 Radford Blvd., STE 20343, Albany, Georgia 31704-0343 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, shall 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.

c. This agreement shall go into effect as soon as funds are transferred to MCLB Barstow (B884/8).

d. The Program Pricing Policy for repair costs shall be determined as follows:

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

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

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

4) MARCORSSYSCOM (Code PMM133), Albany, Georgia representative shall annually review and establish general program pricing policy as necessary.

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

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

g. Funding Reports. MCLB Barstow (B884/8) shall submit a TOW Financial Program Report that shall include all data from the previous months of the current fiscal year. The report shall include all completed and in-process items in serial number sequence, funding data, and point of contact information for MCLB Barstow (B884/8).

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

ATTACHMENT A:
CONTRACT DATA REQUIREMENTS LIST

**ATTACHMENT B:
REPORT FORMAT**

Sample Data for Example Only

ID	NSN In	Nomenclature	SerNo	NSN Out	PEI/SDP	CCIn	CCOu	Date In	Date Out	Recpt	SUP	Lbr Cost	Mat Cost	Total Cost
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED	212513					9/20/1999			\$34,144.10			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED						12/1/1999			\$34,798.00			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED	308516					9/20/1999			\$34,144.10			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED						12/1/1999			\$34,798.00			
ST	1440-01-271-7428	SIGHT OPTICAL GUIDED	211187					9/20/1999			\$34,144.10			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED						11/1/1999			\$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED						11/1/1999			\$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED						11/1/1999			\$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED						11/1/1999			\$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED						11/1/1999			\$34,144.00			
XT	1440-01-271-7428	SIGHT OPTICAL GUIDED						11/1/1999			\$34,144.00			
SN	5855-01-161-8964	TEST SET, BORESIGHT	200337					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 ASSEMBLY	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 ASSEMBLY	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 ASSEMBLY	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 ASSEMBLY	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 ASSEMBLY	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			