STATEMENT OF WORK (SOW)
For the IROAN of the
LASER, INFRARED OBSERVATION SET
NSN: 5860-01-062-3543
P/N: AN/GVS-5; CAGE: 80058

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STATEMENT OF WORK
For the INSPECT AND REBUILD ONLY AS NECESSARY (IROAN) of LASER, INFRARED OBSERVATION SET NSN: 5860-01-062-3543 P/N: AN/GVS-5; CAGE: 80058

1.0 Scope

This Statement of Work (SOW) establishes, sets forth tasks, and identifies the work effort that shall be performed by the Contractor to IROAN the Laser, Infrared Observation Set, NSN: 5860-01-062-3543; hereafter referred to as the AN/GVS-5. This document contains requirements to restore the AN/GVS-5 to Condition Code "A". Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction, including materiel with more than six months shelf-life remaining."

1.1 Background

IROAN is 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."

2.0 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-2073-1C	DoD Standard Practice for Military Packaging

Military Standards - (For Guidance Only)

MIL-STD-973	Configuration Management

2.2 Industry Standards

ANSI/EIA-625	Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices
ANSI/ISO/ASQC Q9002-1994	Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing

2.3 Other Government Documents and Publications: The issues of those documents cited below shall be used.

SL-3-08094A	Components List for Laser, Infrared Observation Set
TM 11-5860-201-10	Operator's Manual for the Laser, Infrared Observation Set
TM 11-5860-201-20	Organizational Maintenance Manual for the Laser, Infrared Observation Set
TM 11-5860-201-20P	Organizational Maintenance Repair Parts and Special Tool Lists for the Laser, Infrared Observation Set
TM 11-5860-201-30	Direct Support Maintenance Manual for the Laser, Infrared Observation Set
TM 11-5860-201-30P	Direct Support Maintenance Repair Parts and Special Tools List (including Depot Maintenance Repair Parts and Special Tools) for the Laser, Infrared Observation Set
CERCOM DMWR 11-5860-201	Depot Maintenance Work Requirement for the Laser, Infrared Observation Set
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Defense Automation Production Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or http://www.dodssp.daps.mil/. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the contracting officer: Commander, Marine Corps Logistics Bases, (Code 890) Attn: Contracting Officer, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6773 or DSN 567-6773. Copies of engineering drawings, if applicable, shall be obtained from Commander (Code 825-3), Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6410 or DSN 567-6410).

3.0 Requirements

3.1 General Tasks: In fulfilling the specified requirements, the Contractor shall provide materials, labor, equipment, facilities and missing/repair parts, necessary to inspect, diagnose, restore, and test and calibrate the AN/GVS-5. Upon completion of repairing the subject item it shall be Condition Code "A".

3.2 Detail Tasks: The following tasks describe the different phases for repair of the AN/GVS-5:

Phase I	Pre-Induction
Phase II	Repair
Phase III	Inspection, Testing and Acceptance
Phase IV	Packaging, Handling, Storage and Transportation (PHS&T)

3.2.1 Phase I Pre-Induction: A pre-induction inspection analysis shall be performed for each AN/GVS-5 within five working days of induction into the Contractor's facility for evaluation of repair capability. If repair is not feasible, assign Condition Code "H" (CC "H"), notify Marine Corps Logistics Base, Albany, Georgia for disposition instructions, otherwise assign CC "M" and induct into the repair cycle. Report DA-2404 (Appendix A) and Standard Form 364 (Appendix B) shall be used to report all anomalies and shall be provided to the government in accordance with section 4.0 of this SOW.

3.2.2 Phase II - Repair: After pre-induction tests and inspections have been completed, repair of the AN/GVS-5 shall be accomplished in accordance with this SOW. Deficiencies noted on the Pre-Induction Checklist (Appendix A and Appendix B) during Phase I shall be repaired/ replaced. Components or assemblies shall not be disassembled for replacement of parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. Hardware

(1) 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 of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

b. Publications and Documentation: The Contractor shall use appropriate technical documentation, to restore the AN/GVS-5 to condition code "A".

c. The following Standards and Publications shall be used to assist the Contractor:

SL-3-08094A	Components List for Laser, Infrared Observation Set
TM 11-5860-201-10	Operator's Manual for the Laser, Infrared Observation Set
TM 11-5860-201-20	Organizational Maintenance Manual for the Laser, Infrared Observation Set

TM 11-5860-201-20P	Organizational Maintenance Repair Parts and Special Tool Lists for the Laser, Infrared Observation Set
TM 11-5860-201-30	Direct Support Maintenance Manual for the Laser, Infrared Observation Set
TM 11-5860-201-30P	Direct Support Maintenance Repair Parts and Special Tools List (including Depot Maintenance Repair Parts and Special Tools) for the Laser, Infrared Observation Set
CERCOM DMWR 11-5860-201	Depot Maintenance Work Requirement for the Laser, Infrared Observation Set

3.2.3 Phase III - Inspection, Testing and Acceptance

a. Inspection, Testing and Acceptance of the AN/GVS-5 shall be conducted in accordance with the documents listed in section 3.2.2.c.

b. The Contractor shall be responsible for conducting required tests in accordance with applicable procedures and specifications.

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCLB (Code 833-1), Albany, GA representatives may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

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

a. The contractor shall be responsible for the application of preservation and packaging of items being repaired under the terms of this SOW. Preservation and packaging shall be level "A" in accordance with MIL-STD-2073-1C, Method 10. The AN/GVS-5's shall be stored and transported within their transit cases.

b. Marking 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 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.

3.3 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM) Accountability GFE is government owned equipment authorized by contract for use by a commercial/Government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into the product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements the Management Control Activity (MCA/827-2), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps

assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets.

3.4 Contractor Furnished Materiel (CFM) In the event that Contractor Furnished Material is required for repair parts, the DOD 4000.25-1-M (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DOD Supply System. The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Material (NAVICPINST 4491.2A). This would require specific provisions in section H of the contract to place total responsibility on the contractor to obtain direct electronic access to the DOD supply System electronically submit their requisitions, maintain status, receive billing from the source of supply and provide direct payment to DFAS.

3.5 Electrostatic Discharge (ESD) Control Program: The contractor shall establish, implement and document an ESD control program following the guidelines provided in ANSI/EIA-625. ESD protective measures shall be used during manufacturing, handling, inspection, test, 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 Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing. The program shall ensure quality throughout all areas to include fabrication, 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. The Government reserves the right to perform any of the inspections set forth in the contract where such inspections are deemed necessary to assure products and services conform to the prescribed requirements.

3.7 Acceptance: 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. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps representatives shall be permitted to observe the work or to conduct an inspection.

3.8 Rejection: Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCLB Code 833-1, Albany, representative. The Contractor shall, at no

additional cost to MCLB, Albany, Georgia, correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures is demonstrated.

3.9 Configuration Control: The Contractor shall apply configuration control procedures to established configuration items. The Contractor shall not implement any changes to an item's documented performance or design characteristics without receiving prior written authorization. The baseline configuration has been defined by the written procedures or materials contained in manuals, standards, instructions or engineering drawings. If it is necessary to depart from the authorized configuration baseline, the contractor shall submit a Request for Deviation or Request for Waiver. MIL-STD-973, paragraph 5.4.3 or 5.4.4 may be used as a guide.

4.0 Reports

4.1 Pre-Induction Checklist: The Contractor shall complete the Pre-Induction Inspection Checklist (Appendix A and Appendix B) for each AN/GVS-5 repaired. These documents shall be available prior to final acceptance testing. One copy of each document shall be provided to MCLB (Code 833-1) Albany, Georgia, after final acceptance of the AN/GVS-5.

4.2 Repairable Item Inspection Report: The Contractor shall provide a Repairable Item Inspection Report for each AN/GVS-5. The report shall be identified by United States Marine Corps Serial Number.

4.3 Monthly Progress Reports: The Contractor shall provide Monthly Progress Reports summarizing the progress and status of the AN/GVS-5 Program.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Laser, Infrared Observation Set		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Contractor's Progress, Status, and Management Report	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-MGMT-80227	SOW 4.3	MCLBA (833)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	MTHLY	See Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
			See Blk 16

16. REMARKS

Contractor format is authorizcd.

Blk 4 - Tailor DI-MGMT-80227 as follows: Delete paragraphs 10.3g, 10.3h, 10.3i, 10.3j, 10.3k, and 10.3n.

Blk 12 - The reporting period shall be from the first to last business day of each month. Initial submission shall be 60 DAC.

Blk 13 - Subsequent submissions shall be 10 days after the last business day of each month.

Distribution Statement A: Approved for public release, distribution is unlimited.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final Reg	Final Repro
MCLBA (833-1)	0	1	0
15. TOTAL →	0	1	0

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
	2/11/00		2/11/00

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CONTRACT DATA REQUIREMENTS LIST

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Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Laser, Infrared Observation Set		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
B001	Repairable Item Inspection Report	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-ILSS-80386	SOW 4.2	MLCBA (833)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	ASREQ	See Blk 16

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION
		See Blk 16

16. REMARKS

Contractor format is authorized.

Blk 10 - A separate report shall be submitted for each Laser, Infrared Observation Set repaired.

Blks 12 & 13 - Submit report by Marine Corps Serial Number 30 days after completion of each Laser, Infrared Observation Set.

Blk 14 - Reports shall be provided on hard copy.

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		Reg	Repro
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D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Laser, Infrared Observation Set		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
C001	Request For Deviation	Configuration Management

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640B	SOW 3.9	MCLBA (825)

7. DD 250 REQ	8. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	ASREQ	SEE BLK 16

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

Blk 4 - Contractor format is authorized.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
MCLBA (825-2)	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
[signature]	1/31/00	[signature]	2/11/00

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(1 Data Item)

Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Laser, Infrared Observation Set		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
C002	Request For Waiver	Configuration Management

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80641B	SOW 3.9	MCLBA (825)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	ASREQ	SEE BLK 16

8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

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Blks 10 & 12 - RFWs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

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RFWs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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14. DISTRIBUTION	b. COPIES		
a. ADDRESSEE	Draft	Final Reg	Final Repro
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