STATEMENT OF WORK (SOW)
for
Inspection and Repair Only As Necessary (IROAN)
of the
AN/TPS-59(V)3
Low Noise Amplifier (LNA)
NSN 5998-01-147-0896

1.0 Scope. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor to IROAN the AN/TPS-59(V)3 Low Noise Amplifier (LNA), NSN 5998-01-147-0896, part number 7326504G1, CAGE 03538 (hereafter referred to as "LNA"). This document contains requirements to restore the LNA to Condition Code "A." Condition Code "A" is defined as "serviceable/issuable without qualification; new, used, repaired or reconditioned material that is serviceable and issuable to all customers without limitation or restriction, including material 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 supplements thereto which are 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 requirements.

2.1 Military Standards

MIL-STD-2073-lD	DoD Standard Practice for Military Packaging
MIL-STD-129	DoD Standard Practice for Military Marking

2.2 Other Government Documents and Publications

Engineering Drawing 7326504, CAGE 03538	Amplifier, Low Noise (Assembly Drawing)
Engineering Drawing 7326504G1, CAGE 03538	Amplifier, Low Noise (Parts List)

Engineering Drawing 77A100077, CAGE 03538	Test Requirements, Pre-Amp
DOD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
Military Handbook (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 Standard (For Guidance)	
ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Standards and Specifications 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 contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Bases, Albany, GA 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. 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.

3.0 Requirements

3.1 The Contractor shall repair the LNA strictly in accordance with the requirements as specified in Engineering Drawing 7326504 and Parts List 7326504G1, CAGE 03538. Testing shall be conducted in accordance with Test Specification 77A100077, CAGE 03538 and the test results shall be documented in a Test Data Report (TDR). The Contractor shall be responsible for all parts, materials, labor, facilities, tools, and test equipment necessary to IROAN the equipment in accordance with this SOW.

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

3.2.1 The Contractor shall be responsible for preservation and packaging of item(s) being repaired under the terms of this statement of work. 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, Appendix J, Table J.Ia, Specialized Preservation Code "GX" and shall be packed into a reusable fast-pack container. Items scheduled for domestic shipment for immediate use or short-term storage shall be in accordance with level "B" requirements and shall be packed into a reusable fast-pack container.

NOTE: Level "A" preservation and packaging shall normally be required due to the anticipated long-term storage requirements. Exceptions: Items that have a confirmed immediate use will be identified in writing by the Logistics Management Specialist (LMS), Marine Corps Systems Command (MCSC), Battlespace Management and Air Defense Systems (BMADS), Albany, Georgia 31704-0343.

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

3.2.3 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 designated site(s). The Marine Corps will be responsible for all transportation costs associated with shipping the subject equipment to and from the Contractor.

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. 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, the Contractor shall prepare and submit a Request for Deviation (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing these configuration control documents.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 571-1) will coordinate 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 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 Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel Management Department, Management Control Activity (Code 571-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320, or by faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The

Contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 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.

3.7 Quality Assurance Provisions. The Contractor shall establish and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems-Requirements.

4.0 Reports. The Contractor shall develop a Test Data Report (TDR), in Contractor format, which references this SOW, the NSN, part number, and serial number of the LNA. The TDR shall reference the specific paragraph of Test Specification 77A100077, CAGE 03538, for all "Performance Requirements" (i.e. the allowable parameters, and quantitative test results). Upon request, the Contractor shall submit a copy of the TDR electronically (preferred), via regular mail, or facsimile to the Logistics Management Specialist (LMS), MCSC, BMADS. The electronic address is: SMBmatcombmads@matcom.usmc.mil. The mailing address is: Commander, Marine Corps Systems Command, Attn: Logistics Management Specialist (BMADS), 814 Radford Blvd., Suite 20343, Albany, GA 31704-0343. The LMS can be reached at commercial telephone number (229) 639-5036 or DSN 567-5036. Facsimiles may be sent to commercial telephone number (229) 639-6545 or DSN 567-6545, Attn: Logistics Management Specialist (BMADS).

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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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), 1216 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 ____
D. SYSTEM/ITEM: AN/TPS-59(V)3 Low Noise Amplifier	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Engineering Change Proposal	Configuration Management	

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80639C	SOW 3.3	MCLBA (583)	

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

16. REMARKS

Blk. 4: Contractor format is authorized.

Blks. 10 & 12: ECPs shall be submitted for all proposed changes which permanently affect the baseline of a configuration item. ECPs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.

ECPs shall be submitted to: mbmatcomconfigmngmnt@matcom.usmc.mil.

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

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
MCLBA (583-1)	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Dena Collins	28 Feb 03	Harvey C Deering	28 Feb 03

DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED.

Designed using Perform Pro, WHS/DIOR, Aug 96

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: AN/TPS-59(V)3 Low Noise Amplifier	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A002	Request For Deviation	Configuration Management	

4. AUTHORITY (Data Acquisition Document No.)	5. CONTRACT REFERENCE	6. REQUIRING OFFICE	18. ESTIMATED TOTAL PRICE
DI-CMAN-80640C	SOW 3.3	MCLBA (583)	

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

16. REMARKS

Blk 4 - Contractor format submitted in .pdf or .doc 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.

Block 14: RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil

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14. DISTRIBUTION

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Gene Collins	28 Feb 03	Hanes C Dorning	28 Feb 03