# STATEMENT OF WORK (SOW)
# for the
# INSPECT OR REPAIR ONLY AS NECESSARY (IROAN)
# of the
# SPECTRUM ANALYZER TEST SET
# NSN 6625-01-259-1060, ID# 09116B

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 Spectrum Analyzer Test Set, NSN 6625-01-259-1060. For purposes of this SOW, (Contractor is defined as the commercial or government entity performing the IROAN.) This document contains requirements to IROAN the Spectrum Analyzer Test Set 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 then six month 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 issue 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 contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

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| MIL-STD-129 | DoD Standard Practice: Military Marking for Shipment and Storage |
| MIL-STD-2073-1D | DoD Standard Practice for MilitaryPackaging |

2.2 Other Government Documents and Publications

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|---|---|
| TM-09116A-14&P/3 | Spectrum Analyzer Technican's Manual |
| 17-20GW-45 | Navy Calibration Procedures |
| 17-50A013A | Navy Calibration Procedures |
| DoD 4000.25-1-M | Military Standard Requisitioning and Issue Procedures (MILSTRIP) |

Military Handbooks (For Guidance)

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| MIL-HDBK-61 | Configuration Management Guidance |

2.3 Industry Standards

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|---|---|
| JESD625-A | Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices |
| ANSI/ISO/ASQC Q9001-2000 | Quality Management Systems - Requirements |

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 contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer, Attn: Contracts Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, Georgia 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 566-1A), 814 Radford Blvd., Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 The Contractor shall repair, test and calibrate the Spectrum Analyzer in accordance with TM-09116A-14&P/3, Navy Calibration Procedures 17-20GW-45 and 17-50A013A.

3.2 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.

3.3 The contractor shall perform quality acceptance and test procedures in accordance with TM-09116A-14&P/3.

3.4 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.

3.5 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 Statement of Work. Items scheduled for long-term storage or overseas shipment shall be in accordance with 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.

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 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.

3.6 Configuration Management. 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. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.7 Government Furnished Equipment (GFE/GFM) Government Furnished Materiel (GFM) The Management Control Activity (MCA) (Code 581-1B) 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/GFM Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and property responsibilities for Marine Corps assets. This can be done by mailing a copy of the DD1348 to Materiel and Distribution Management Branch, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 DSN 567-5498.

3.8 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.

# 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 X |
|---|---|---|
| D. SYSTEM/ITEM: Spectrum Analyzer, AN/USM-489A | E. CONTRACT/PR NO. | F. CONTRACTOR |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE | 17. PRICE GROUP |
|---|---|---|---|
| A001 | Request For Deviation | Configuration Management | 18. ESTIMATED TOTAL PRICE |

| 4. AUTHORITY *(Data Acquisition Document No.)* | 5. CONTRACT REFERENCE | 6. REQUIRING OFFICE |
|---|---|---|
| DI-CMAN-80640C | SOW 3.6 | MCLCA (566) |

| 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** |
| A | | | |

16. REMARKS

Blk 4 - RFDs shall be submitted electronically and contractor format is authorized.

Block 4. RFD text files shall be created using MICROSOFT (.doc) or ADOBE (.pdf) formated software products

Block 4. RFD accompanying figures or graphics shall be created using a MICROSOFT or ADOBE formatted with a minimum density of 600 dpt.

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

RFD submission/notification shall be sent to:
mbmatcomconfigmngmnt@logcom.usmc.mil

Distribution Statement A: Approved for Public Release; Distribution is Unlimited.

14. DISTRIBUTION

| a. ADDRESSEE | b. COPIES: Draft | Final: Reg | Final: Repro |
|---|---|---|---|
| MCLCA (566) | 0 | 1 | 0 |
| 15. TOTAL → | 0 | 1 | 0 |

| G. PREPARED BY | H. DATE | I. APPROVED BY | J. DATE |
|---|---|---|---|
| Cerely Shelton | 8/27/03 | Robert C. Wath | 8/27/03 |

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