Statement of Work (SOW)
for the Inspect and Repair Only As Necessary (IROAN)
of the
Radio Test Set, Circuit Card Assembly
NSN 5998-01-422-2009, ID# 8H409B,
Part of NSN 6625-01-309-2825, ID# 09311A

1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work effort that shall be preformed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the IROAN) to IROAN the Radio Test Set, Circuit Card Assembly, NSN 5998-01-422-2009, ID# 8H409B, part of NSN 6625-01-309-2825, ID# 09311A. This document contains requirements to IROAN the Radio Test Set, Circuit Card Assembly, hereafter referred to as Circuit Card Assembly, 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 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

| | |
|---|---|
| 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

| | |
|---|---|
| TM 09311A-40/2 | TS-4317/GRM GS Maintenance Radio Test Set PCN:18409311000 |
| TM 09311A-12/1 | TS-4317/GRM GS Maintenance Radio Test Set PCN:18409311000 |
| NAVAIR 17-20AQ-344 | Calibration Procedures |

| | |
|---|---|
| DoD 4000.25-1-M | Military Standard Requisitioning and Issue Procedures (MILSTRIP) |

Military Handbooks (For Guidance)

| | |
|---|---|
| MIL-HDBK-61 | Configuration Management Guidance |

2.3 Industry Standards

| | |
|---|---|
| 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, commericial 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 from the Commanding General (Code 586), Marine Corps Logistics Command, 814 Radford Blvd., STE 20321, Whse 1121, Albany, Georgia 31704-0321, commercial telephone number (229) 639-5818/8988 or DSN 567-5818. 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.

3.0 REQUIREMENTS

3.1 The Contractor shall repair, test and calibrate the Circuit Card Assembly in accordance with TM 09419B-12/1, TM 09311A-40/2, and NAVAIR 17-20AQ-344, Calibration Procedures.

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 09311A-40/2.

3.4 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 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 J, Table J.Ia., Specialized Preservation Code "GX" and shall be packed into a reusable fast-packed container. Items scheduled for domestic shipment for immediate use or short-term storage shall be to Level "B" requirements and packed into a reusable fast-pack container.

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.

3.5 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.

3.6 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. The baseline configuration has been defined by the written procedures and material contained in technical publications and/or engineering drawings. 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 the application of configuration control.

3.7 Government Furnished Equipment (GFE)/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 GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for the 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 the Materiel and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320 or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498. If Depot Source of Repair (DSOR) mandated, assets at repair facility will not be considered GFE/GFM.

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/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

| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TDP ____ TM ____ OTHER X |
|---|---|---|
| D. SYSTEM/ITEM: Radio Test Set, CCA | E. CONTRACT/PR NO. | F. CONTRACTOR |

| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM | 3. SUBTITLE |
|---|---|---|
| A001 | Request For Deviation (RFD) | Configuration Management |

| 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 | | ASREQ | See Blk 16 |
| **8. APP CODE** | | **11. AS OF DATE** | **13. DATE OF SUBSEQUENT SUBMISSION** |
| A | A | | N/A |

17. PRICE GRO

18. ESTIMATEI TOTAL PRI

16. REMARKS

Block 4: Contractor format using .doc or .pdf software applications is authorized.

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

RFDs will be reviewed and disposition determined within 20 working days upon receipt by the government.

RFDs shall be transmitted via e-mail to the following address: 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 (566-1) | 0 | 1 | 0 |
| 15. TOTAL → | 0 | 1 | 0 |

| G. PREPARED BY | H. DATE | I. APPROVED BY | J. DATE |
|---|---|---|---|
| Gene Collins | 14 Sep 04 | Robert Carroll Watts | 14 Sept. 04 |