

**DRAFT**

**Maintenance Concept Remains Consistent with the Prior Fiscal Year**

**IROAN OF WORK FOR THE  
DIGITAL OSCILLOSCOPE TEST SET  
NSN-6625-01-258-0022 ID# 09045B**

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work effort that shall be performed by the Contractor to IROAN the Digital Oscilloscope Test Set, NSN 6625-01-258-0022. (For purposes of this SOW, Contractor is defined as the commercial or government entity performing the IROAN). This document contains requirements to IROAN the Digital Oscilloscope 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 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 for Military Marking
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

Technical Manual-09045B-40/2	Oscilloscope OS-291/G GS MT Manual
C5083030, CAGE 94990	Engineering Drawing, Transponder Set, AN/PPN-19(V)2

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance
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### 2.3 Industry Standards

JESD625-A Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices

ANSI/ISO/ASQC Q9003-1994 Quality Systems - Model for Quality Assurance in Final Inspection and Test

#### 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 <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 Base, 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 583-1, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

### 3.0 REQUIREMENTS

3.1 The Contractor shall repair, test and calibrate the Digital Oscilloscope Test Set in accordance with Technical Manual-09045B-40/2. Engineering Drawing C5083030, CAGE 94990 is applicable.

3.2 Electrostatic Discharge (ESD) Control Program. Tailor the Electrostatic Discharge (ESD) work standard to current ESD Work Standard JESD625-A.

3.3 Quality acceptance and test procedures shall be in accordance with Technical Manual-09045B-40/2.

#### 3.4 Packaging, Handling, Storage and Transportation (PHS&T)

a. The Contractor shall be responsible for preservation and packaging of items 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 Level "A" requirements of MIL-STD-2073-1D, Appendix A, Table A.V.I, Electronic Equipment. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level "B" protection.

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 Q9003-1994, Quality System Model for Quality Assurance in Final Inspection and Test.

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 these configuration control documents.