

STATEMENT OF WORK FOR THE
Rebuild of the Radio Set
AN/MRC-145A
NSN 5820-01-431-8931

1.0 Scope. This Statement of Work (SOW) establishes, sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) to rebuild the AN/MRC-145A Radio Set, NSN 5820-01-431-8931. This document contains requirements to restore the AN/MRC-145 Radio 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 months shelf-life remaining.

1.1 Background. Rebuild is defined as " That maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts or components, repairs or replacement of worn or unserviceable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the items."

1.0 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 requirements.

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
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2.2 Other Government Documents and Publications.

TM 11-5820-30-6	Direct Support Maintenance Manual (Vol 1 of 4) PCN 351 597481 00
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TM 5820-10/1	Handbook of Installations for USMC SINGLE Channel Ground and Airborne Radio Systems (SINCGARS) with Components List
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	PCN 182 058201 00
SOW-835-2-08770A-2/1 DATED 1 OCT 99	IROAN HMMWV
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Materiel from the Federal Supply System
ANSI/ESD S20.20-1999	ESD association standard for the Development of Electrostatic Discharge Control Program for- Protection of Electrical and Electronics Parts, Assemblies and Equipment.

2.3 Industry Standards.

ANSI/ISO/ASQC Q9003-1994	Quality Systems– Model for Quality Assurance in Final Inspection and Test
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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, PA 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or <http://www.dodssp.daps.mil>. Copies of ANSI/ESD S20.20-1999 can be obtained from ESD Association, 7900 Turin Road, Building 3, Suite 2, Rome, NY 13440-2069, (315) 339-6937, www.eosesd.org. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Attn: Contracting Officer (Code 891) Marine Corps Logistics Bases, 814 Radford Blvd., Albany, GA 31704-1128, commercial telephone number (912) 439-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. Suite 20320, Albany, GA 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

2.0 REQUIREMENTS.

3.1 The Radio Set AN/MRC-145A shall be rebuilt/overhauled in accordance TM 11-5820-30-6, TM 5820-10/1, and SOW-835-2-08770A-2/1.

3.2 Quality acceptance shall be completed in accordance with ANSI/ISO/ASQC Q9003-1994.

3.3 Packaging, Handling, Storage and Transportation (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items to 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-2073-1C, Appendix A, Table A.VI., Electronic Equipment. Items scheduled for domestic shipment, immediate use or short-term storage shall be to level B requirements.

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 rebuilt equipment. The Contractor shall be responsible for arranging for shipment to the pre-designated site(s). The Marine Corps will be responsible for transportation cost associated with shipping the subject equipment to and from the Contractor.

3.4 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 from the Weapon System/Equipment Manager (Code 847-1). If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a request for Deviation or Request for Waiver. MIL-STD-973 (paragraphs 5.4.3, 5.4.4 and Appendix E) may be used as a guide.

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 Testing.

3.6 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). 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/Code 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. The Contractor shall report receipt of all GFM and report consumption to the MCA.

3.7 Contractor Furnished Materiel (CFM). The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DOD Supply System. DOD 4000.25-1-M, MILSTRIP Chapter 11 authorizes contractors to requisition through the DOD Supply System.

3.8 Electrostatic Discharge (ESD) Control. The ESD protective measure shall be used in manufacturing, packaging, storing, and transportation of ESD sensitive components of AN/MRC-145A. The ESD identification markings on all ESD sensitive subassemblies shall be visible during equipment production/ maintenance. The contractor shall establish, implement and document the ESD control program using ANSI/ESD S20.20-1999 as a guide.

