

STATEMENT OF WORK FOR THE
Rebuild of the MODULE ASSEMBLY "B"
for the AN/TTC-42(V)
NSN 6130-01-304-3394

1.0 Scope. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor (for purposes of this SOW, the Contractor is defined as the commercial or government entity performing the rebuild) in the rebuild effort of the Module Assembly "B" for the AN/TTC-42(V), NSN 6130-01-304-3394, CAGE 16340, Part Number 727102-4. This document contains requirements to restore the Module Assembly "B" to Condition Code "A". Condition Code "A" is defined as "serviceable/issueable without qualification, new, used, repaired or reconditioned materiel that is serviceable and issueable 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."

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 DoD 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 requirement.

2.1 Military Standard.

MIL-STD-129	DoD Standard Practice for Military Marking
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MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
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2.2 Other Government Documents and Publications.

RS 08440A-50	Rebuild Standard for the Central Office, Telephone, Automatic, AN/TTC-42(V)
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Engineering Drawing 727102-4 CAGE 16340	Module Assembly B
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Engineering Drawing 727102-4 CAGE 16340	Parts List, Module Assembly B
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Engineering Drawing 727203-3 CAGE 16340	Converter Subassembly Multi-output
Engineering Drawing 727203-3 CAGE 16340	Parts List, Converter Subassembly, Multi-output
Engineering Drawing 727204-3 CAGE 16340	Converter Auxiliary Subassembly
Engineering Drawing 727204-3 CAGE 16340	Parts List, Converter Auxiliary Subassembly
Engineering Drawing 727211-3 CAGE 16340	Enclosure Subassembly, B Module
Engineering Drawing 727211-3 CAGE 16340	Parts List, Enclosure Subassembly, B Module
Engineering Drawing 727211-3 CAGE 16340	Wire List, Enclosure Subassembly, B Module
Engineering Drawing 727306-4 CAGE 16340	CCA, Heat Sink
Engineering Drawing 727306-4 CAGE 16340	Parts List, CCA, Heat Sink
Engineering Drawing 727307-3 CAGE 16340	CCA, Power
Engineering Drawing 727307-3 CAGE 16340	Parts List, CCA, Power
Engineering Drawing 727308-4 CAGE 16340	CCA, Control
Engineering Drawing 727308-4 CAGE 16340	Parts List, CCA, Control
Engineering Drawing 727309-4 CAGE 16340	CCA, Heat Sink
Engineering Drawing 727309-4 CAGE 16340	Parts List, Heat Sink

Engineering Drawing 727310-3 CAGE 16340	CCA, Power
Engineering Drawing 727310-3 CAGE 16340	Parts List, CCA, Power
Engineering Drawing 727311-4 CAGE 16340	CCA, Control
Engineering Drawing 727311-4 CAGE 16340	Parts List, CCA, Control
Engineering Drawing 727315-3 CAGE 16340	CCA, Interconnect
Engineering Drawing 727315-3 CAGE 16340	Parts List, Interconnect
Engineering Drawing 727316-3 CAGE 16340	CCA, Interconnect
Engineering Drawing 727316-3 CAGE 16340	Parts List, Interconnect
DoD 4000.25-1-M	MILSTRIP Manual
<u>Military Handbook (For Guidance)</u>	
MIL-HDBK-61	Configuration Management Guidance
2.3	<u>Industry Standards.</u>
ANSI/EIA-625	Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices
ANSI/ISO/ASQC Q9003-1994	Quality Systems – Model for Quality Assurance in Final Inspection and Test
<u>Industry Standard (For Guidance)</u>	
ANSI/EIA-649	National Consensus Standards 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: 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, Georgia 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 Requirements.

3.1 The Contractor shall rebuild the Module Assembly "B" for the AN/TTC-42(V) in accordance with RS 08440A-50 and Engineering Drawings 727102-4, 727203-3, 727204-3, 727211-3, 727306-4, 727307-3, 727308-4, 727309-4, 727310-3, 727311-4, 727315-3, 727316-3, Parts List 727102-4, Parts List 727203-3, Parts List 727204-3, Parts List 727211-3, Parts List 727306-4, Parts List 727307-3, Parts List 727308-4, Parts List 727309-4, Parts List 727310-3, Parts List 727311-4, Parts List 727315-3, Parts List 727316-3 and Wire List 727211-3, CAGE 16340.

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

a. The Contractor shall be responsible for preservation and packaging of item(s) being rebuilt 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 to 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 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 costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Control. The Contractor shall apply configuration control 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 (RFD). MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (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 the Materiel Management Department, Management Control Activity (Code 573-2) 814 Radford Blvd, STE 20320, Albany, GA 31704-0320 or faxing to commercial 229-639-5498 or DSN 567-5498.

3.5 Quality Assurances 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 Systems – Model for Quality Assurance in Final Inspection and Test.

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 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.

