

**STATEMENT OF WORK FOR THE
Rebuild of the CONVERTER MODULE "A"
For the AN/TTC-42(V)
NSN 6130-01-304-3395**

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 Converter Module "A", NSN 6130-01-304-3395, Part Number 727101-4, CAGE 16340, for the AN/TTC-42(V). This document contains requirements to restore the Converter Module "A" 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, repair 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

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| 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

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| RS 08440A-50 | Rebuild Standard for the Central Office, Telephone, Automatic, AN/TTC-42(V) |
| Engineering Drawing 727101-4 CAGE 16340 | Converter Module "A" Engineering Drawing |
| Engineering Drawing 727101-4 CAGE 16340 | Parts List, Converter Module "A" |

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| Engineering Drawing 727201-3 CAGE 16340 | Converter Assembly, Multi-output |
| Engineering Drawing 727201-3 CAGE 16340 | Parts List, Converter Assembly, Multi-output |
| Engineering Drawing 727202-3 CAGE 16340 | Converter Subassembly, +27VDC |
| Engineering Drawing 727202-3 CAGE 16340 | Parts List, Converter Subassembly, +27VDC |
| Engineering Drawing 727210-3 CAGE 16340 | Enclosure Subassembly |
| Engineering Drawing 727210-3 CAGE 16340 | Part List, Enclosure Subassembly |
| Engineering Drawing 727210-3 CAGE 16340 | Wire List, Enclosure Subassembly |
| Engineering Drawing 727301-4 CAGE 16340 | CCA, Heat Sink |
| Engineering Drawing 727301-4 CAGE 16340 | Parts List, Heat Sink |
| Engineering Drawing 727302-3 CAGE 16340 | CCA, Power |
| Engineering Drawing 727302-3 CAGE 16340 | Parts List, CCA, Power |
| Engineering Drawing 727303-4 CAGE 16340 | CCA, Control |
| Engineering Drawing 727303-4 CAGE 16340 | Parts List, CCA, Control |
| Engineering Drawing 727304-4 CAGE 16340 | CCA, Heat Sink |
| Engineering Drawing 727304-4 CAGE 16340 | Parts List, CCA, Heat Sink |

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| Engineering Drawing 727305-4 CAGE 16340 | CCA, Control |
| Engineering Drawing 727305-4 CAGE 16340 | Parts List, CCA Control |
| Engineering Drawing 727313-3 CAGE 16340 | CCA, Interconnect |
| Engineering Drawing 727313-3 CAGE 16340 | Parts List, CCA, Interconnect |
| Engineering Drawing 727314-3 CAGE 16340 | CCA, Interconnect |
| Engineering Drawing 727314-3 CAGE 16340 | Parts List, CCA, Interconnect |
| DoD 4000.25-1-M | MILSTRIP Manual |

Military Handbook (For Guidance)

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

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| 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 Standard (For Guidance)

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| ANSI/EIA-649 | National Consensus Standards for Configuration Management |
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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 Converter Module "A" for the AN/TTC-42(V) in accordance with RS 08440A-50 and Engineering Drawings 727101-4, 727201-3, 727202-3, 727210-3, 727301-4, 727302-3, 727303-4, 727304-4, 727305-4, 727313-3, 727314-3, 727101-4 Parts List, 727201-3 Parts List, 727202-3 Parts List, 727210-3 Parts List, 727301-4 Parts List, 727302-3 Parts List, 727303-4 Parts List, 727304-4 Parts List, 727305-4 Parts List, 727313-3 Parts List, 727314-3 Parts List and 727210-3 Wire List, 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 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.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 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.

3.3 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. 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 (Supply Chain Management Center, Attn: Code 573-2, 814 Radford Blvd., STE 20320, Albany, GA 31704-0320) or faxing to (commercial 229-639-5498 or DSN 567-5498) a copy of the DD 1348.)

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, inspections, 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.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized 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 this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

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| A. CONTRACT LINE ITEM NO. | B. EXHIBIT | C. CATEGORY: TDP _____ TM _____ Other <u>XXX</u> |
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| D. SYSTEM/ITEM Converter Module "A" | E. CONTRACT/PR No. | F. CONTRACTOR |
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| 1. DATA ITEM No. A001 | 2. TITLE OF DATA ITEM Request for Deviation (RFD) | 3. SUBTITLE Configuration Management |
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| 4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640C | 5. CONTRACT REFERENCE Paragraph 3.3 | 6. REQUIRING OFFICE MARCORLOGBASES (583) |
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| 7. DD 250 REQ. LT | 9. DIST STATEMENT REQUIRED A | 10. FREQUENCY AS REQ | 12. DATE OF FIRST SUBMISSION See Blk 16 | 14. DISTRIBUTION |
| 8. APP CODE A | 11. AS OF DATE | 13. DATE OF SUBSEQUENT SUBMISSION | a. ADDRESSEE | b. COPIES Draft Reg Final Repro |

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| 16. REMARKS Blk 4: Contractor format is authorized and shall be submitted in .doc and .pdf format. Blk 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 30 calendar days upon receipt by the government. RFDs shall be transmitted via e-mail to the following address: <u>mbmatcomconfigmngmnt@matcom.usmc.mil</u> Distribution Statement A: Approved for public release, distribution is unlimited. | MCLBA (583-1) | 0 | 1 | 0 |
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| G. PREPARED BY: <i>James C Clark</i> | H. DATE: <i>26 Nov 2001</i> | I. APPROVED BY: <i>[Signature]</i> | J. DATE: <i>29 Nov 2001</i> |
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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE