

STATEMENT OF WORK FOR THE  
**Rebuild of the**  
**MODULE ASSEMBLY, HV BOOST CONVERTER**  
**for the AN/TTC-42(V)**  
**NSN: 5805-01-303-8385**

1.0 SCOPE. This document contains requirements to restore the Module Assembly, HV Boost Converter, NSN 5805-01-303-8385, CAGE 16340, Part Number 726101-4 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 6 months shelf-life remaining".

1.1 This Statement of Work (SOW) identifies the work effort including repair, testing, and packaging/marketing requirements that shall be performed by the contractor to rebuild the Module Assembly, HV Boost Converter, NSN 5805-01-303-8385, CAGE 16340, Part Number 726101-4.

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
MIL-STD-2073-1C	DoD Standard Practice for Military Packaging

Military Standard (For Reference Only)

MIL-STD-973	Configuration Management
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2.2 Other Government Documents and Publications

RS 08440A-50	Rebuild Standard for AN/TTC-42(V)
726101-4	HV Boost Converter Module
726299-3	Filter Assembly, Auxiliary Power Supply
726203-4	Auxiliary Power Supply Circuit Card Assembly
726399-3	Power Filter Circuit Card Assembly
726200-6	Module Assembly, Boost Power

726329-3	Capacitor Assembly
726535-1	Capacitor Assembly, Output Module
726465-1	Output Capacitor Circuit Card Assembly
726210-2	Module Assembly, Boost Power
726322-3	Power Switch, Interconnect Circuit Card
726324-3	Boost Control Filter, Circuit Card Assembly
726321-3	Boost Power Filter, Circuit Card Assembly
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	NAVICP Instruction: Requisitioning of Contractor Furnished Material from the Federal Supply System

2.3 Industry Standard

ANSI/EIA-625	Requirements for Handling Electrostatic-Discharge Sensitive ESDS Devices
ANSI/ISO/ASQC Q9003-1994	Quality Systems

Copies of Military Specifications and Standards are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. 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, Georgia 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, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

3.0 Requirements

3.1 The Contractor shall rebuild the Module Assembly, HV Boost Converter in accordance with RS 08440A-50 and Engineering Drawings 726101-4, 726299-3, 726203-4, 726399-3, 726200-6, 726329-3, 726535-1, 726465-1, 726210-2, 726322-3, 726324-3, and 726321-3.

3.2 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 being prepared for long term storage or

shipment to overseas destinations shall be in accordance with level "A" requirements of MIL-STD-2073-1C, Appendix A, Table A.VI., Electronic Equipment. Items being prepared for domestic shipment or immediate use 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 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 receiving prior written authorization. If necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request for Deviation/Request for Waiver. MIL-STD-973 (paragraph 5.4.3 or 5.4.4 and Appendix E) may be used as a guide.

3.4 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 the 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 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/822), 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 of GFM to the MCA.

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 System 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 ANSI/EIA-625. ESD protective measures shall be used during manufacturing, handling, inspection, test, marking, packaging, storing and transporting ESD sensitive components.

3.7 Contractor Furnished Materiel. The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event 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.



