Statement of Work (SOW) for the Rebuild of the Panel Assembly for the AN/TTC-42(V) NSN 5895-01-319-7620

1.0 SCOPE. This Statement of Work (SOW) establishes, sets forth 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 Panel Assembly, NSN 5895-01-319-7620, Part Number 727212-3, CAGE 16340, for the AN/TTC-42(V). This document contains requirements to restore the Panel Assembly 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".

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 Standards

MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage
MIL-STD-2073-1D(1)	DoD Standard Practice for Military Packaging

2.2 Other Government Documents and Publications

RS 08440A-50	Rebuild Standard for the Central Office, Telephone, Automatic, AN/TTC-42(V)
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)
Engineering Drawing 727212-3 CAGE 16340	Panel Assembly
Engineering Drawing PL727212-3 CAGE 16340	Parts List, Panel Assembly

Engineering Drawing 727320-4 CAGE 16340	Input Conditioning Circuit Card Assembly
Engineering Drawing PL727320-4 CAGE 16340	Parts List, Input Conditioning Circuit Card Assembly
Engineering Drawing S727320-4 CAGE 16340	Schematic, Input Conditioning Circuit Card Assembly
Engineering Drawing 727321-3 CAGE 16340	Input Filter Circuit Card Assembly
Engineering Drawing PL727321-3 CAGE 16340	Parts List, Input Filter Circuit Card Assembly
Engineering Drawing S727321-3 CAGE 16340	Schematic, Input Filter Circuit Card Assembly
Engineering Drawing 727503-3 CAGE 16340	Housing Assembly, A Output/EMI Filter
Engineering Drawing PL727503-3 CAGE 16340	Parts List, Housing Assembly, A Output/EMI Filter
Engineering Drawing 727504-3 CAGE 16340	Housing Subassembly, Input Filter
Engineering Drawing PL727504-3 CAGE 16340	Parts List, Housing Subassembly, Input Filter
Engineering Drawing 727505-3 CAGE 16340	Housing Subassembly, HV/Bite Filter
Engineering Drawing PL727505-3 CAGE 16340	Parts List, Housing Subassembly, HV/Bite Filter
Engineering Drawing 727323-3 CAGE 16340	A Output/EMI Filter Circuit Card Assembly
Engineering Drawing PL727323-3 CAGE 16340	Parts List, A Output/EMI Filter Circuit Card Assembly
Engineering Drawing S727323-3 CAGE 16340	Schematic, A Output/EMI Filter Circuit Card Assembly
Engineering Drawing	HV Input/Bite Filter Circuit Card Assembly

727325-3 CAGE 16340

Engineering Drawing PL727325-3 CAGE 16340	Parts List, HV Input/Bite Filter Circuit Card Assembly
Engineering Drawing S727325-3 CAGE 16340	Schematic, HV Input/Bite Filter Circuit Card Assembly

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standard

JESD625-A	Requirements for Handling Electrostatic-Discharge Sensitive (ESDS) Devices
ANSI/ISO/ASQC Q9001-2000	Quality Management Systems – Requirements

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 Product 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: Commander, Contracting Department (Code 891), P.O. Drawer 43019, 814 Radford Blvd., 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 566-1A, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

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 727212-3, PL727212-3, 727320-4, PL727320-4, S727320-4, 727321-3, PL727321-3, S727321-3, 727503-3, PL727503-3, 727504-3, PL727504-3, 727505-3, PL727505-3, 727323-3, PL727323-3, S727323-3, 727325-3, PL727325-3 and S727325-3, 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 SOW. Items being prepared for long-term storage or shipment to overseas destinations shall be in accordance with level "A" requirements of MIL-STD-2073-1D(1), Appendix A, Table A.VI., Electronics Equipment. Items scheduled for domestic shipment for immediate use or short-term storage shall be prepared to Level "B" requirements. All items subject to electrostatic sensitive discharge shall be packed into a reusable fast-pack container.

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 implement 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 581-B) will coordinate 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 and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320 or faxing a copy to commercial telephone number (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 Q9001-2000, Quality Management System - Requirements.

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.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER X
D. SYSTEM/ITEM: Panel Assembly	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE
A001	Request For Deviation	Configuration Management

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW 3.3	MCLCA (566)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT		ASREQ	See Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A	A		See Blk 16

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

16. REMARKS

Blk 4. Contractor format using .doc or .pdf software applications is authorized.

Blks 10 & 12. RFDs shall be submitted to obtain authorization to deliver nonconforming material that does not meet the prescribed configuration documentation.

RFDs will be reviewed and dispostition determined within 20 working days upon receipt by the Government.

Block 14. RFDs shall be transmitted via e-mail to the following address: mbmatcomconfigmngmnt@logcom.usmc.mil

Distribution Statement A: Approved for Public Release; Distribution is Unlimited.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES: Draft	Final: Reg	Final: Repro
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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Gene Collins	29 Mar 04	[illegible]	6 Apr 2004

DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED.

Designed using Perform Pro, WHS/DIOR, Aug 96