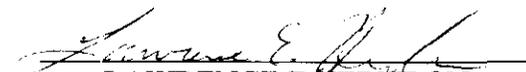


STATEMENT OF WORK (SOW)
for the
Restoration, Overhaul, and Repair (ROR)
of the
SET-15 Antenna-Transmitter Group
OE-442/TPS-59
NSN 5840-01-259-2908

SOW-01-844-2-09088A-1/1

1. This SOW identifies the work effort that shall be performed by the Contractor to perform ROR of the AN/TPS-59(V)3 SET-15 Antenna-Transmitter Group, OE-442/TPS-59, NSN 5840-01-259-2908, CAGE 03538, part number 7327847G3 .
2. The attached manuscript has been reviewed and is concurred upon by the following signers:


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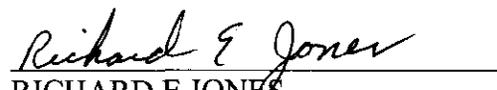

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NSN 5840-01-259-2908

1.0 Scope

This SOW establishes both general and specific requirements to be followed by the Contractor for the ROR of the AN/TPS-59(V)3 SET-15 Antenna-Transmitter Group, OE-442/TPS-59, NSN 5840-01-259-2908, CAGE 03538, part number 7327847G3 (hereafter referred to simply as “SET-15”).

Additional guidance may be provided by the Weapon System Manager (WSM), as well as other approved commercial/industry practices and standards. In the event of conflict between this SOW and other references, the requirements set forth in this SOW shall take precedence. Any conflicts shall be resolved at the discretion of the WSM.

1.1 Definitions

1.1.1 Contractor: For the purposes of this SOW, Contractor is defined as a commercial or Government entity.

1.1.2 Condition Code “A”: Condition Code “A” is defined, for the purposes of this SOW, as “serviceable and issuable without limitation or restriction”.

1.1.3 Restoration: The process of upgrading an item to conform to the applicable technical specifications to assure compliance with specified operational capabilities, physical appearance, and configuration. It includes the repair or replacement of parts/components that have failed or are of marginal quality or reliability due to wear, deterioration, or damage and includes cosmetic reconditioning. Restoration shall include all applicable alignments and calibrations and verification that approved Engineering Change Proposals (ECPs) or modifications have been installed properly and are functional. In the event that non-approved configuration items are discovered, the equipment shall be restored to its approved configuration.

1.1.4 Overhaul: The process of totally restoring an item to a standard that approximates the original or new condition in appearance, performance, and life expectancy. For the purposes of this SOW, all approved ECPs and modifications shall be installed/verified as part of the overhaul work effort.

1.1.5 **Repair:** The process of returning an unserviceable item to full operational status by repair/replacement of its component parts and performing any alignments and calibrations as necessary. Cosmetic/structural repairs are not included in the repair process unless those repairs impede the operational functionality of the item.

1.1.6 **Marginal quality:** Deteriorated or damaged parts that are reasonably anticipated to fail thereby significantly reducing the expected reliability of an assembly or equipment. An expanded definition and associated requirements for replacement of parts and components adjudged to be of marginal quality is contained in MIL-STD-2110 (EC). Specific requirements of this SOW along with the general requirements as contained in MIL-STD-2110 (EC) shall be used to identify and necessitate the replacement of marginal quality 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 Department of Defense Index of Specifications and Standards (DoDISS) and Supplements thereto 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 Specifications

MIL-A-8625	Anodic Coatings for Aluminum and Aluminum Alloys
MIL-C-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys

2.2 Military Standards

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-2110 (EC)	Restoration, Overhaul, and Repair of Electronic Equipment

Military Standards (For Reference Only)

MIL-STD-973	Configuration Management
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2.3 Other Government Documents and Publications.

DOD-D-1000B	Drawing, Engineering, and Associated Lists
7327847	Assembly Drawing, SET-15 Antenna-Transmitter
7327847G3	Parts List, SET-15 Antenna-Transmitter Assembly
77A561266	SET-15 Modification Kit (Instructions)
77C726163P3	Drawing, Plate, Identification
SL3-09088A	Components List, Antenna-Transmitter Group, SET-15
TM 4750-15/1	Painting and Registration Marking of Marine Corps
	Combat and Tactical Equipment
TM 4750-15/2-x	Painting and Registration Marking of Marine Corps
	Combat and Tactical Equipment (contains patterns)

TM-07751B-14/14 Technical Manual, Antenna-Transmitter Group,
OE-442/TPS-59

2.4 Industry Standards

ANSI/ISO/ASQC Quality Systems - Model for Quality Assurance in
 Q9002-1994 Production, Installation and Servicing
SAE AMS-M-3171 Magnesium Alloy, Processes for Pretreatment and
 Prevention of Corrosion on

Copies of military standards and specifications are available from the DOD Single Stock Point, Defense Automated Production Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697- 2179 or DSN 442-2179, or <http://dodssp.daps.mil>. Copies of other government 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 Base, 814 Radford Blvd., Albany, GA 31704-1128, commercial telephone number (912) 439-6761 or DSN 567-6761. Copies of engineering drawings 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.

3.0 Requirements

3.1 General Requirements. The Contractor shall provide all parts, materials, labor, facilities, tools, and test equipment necessary to restore, overhaul, and/or repair the SET-15 in accordance with this SOW. Requests for additional guidance shall be referred to the WSM, telephone (912) 439-6553, DSN 567-6553, FAX (912) 439-5498, or "MbMatcom844-2@matcom.usmc.mil".

3.2 Specific Requirements

3.2.1 Receipt and Pre-induction: Upon receipt the Contractor shall perform a Pre-Induction Limited Technical Inspection; identifying any transportation related damages, equipment shortages, long lead-time materiel requirements, and the overall equipment condition. Any transportation related damages shall be reported immediately to the Commanding Officer, Marine Corps Logistics Base, Attn: Transportation Management Officer (PPTY, Bldg 30), Barstow, CA 92311-5014, telephone (760) 577-6994 or DSN 282-6994, and the WSM within five calendar days. The WSM shall be informed of any equipment shortages in order to coordinate with the responsible unit for resolution. Identification of required long lead-time materials and the overall condition is intended to assist ROR management in the reduction of overall the ROR processing time.

3.2.2 Induction for ROR

- a. ROR of the SET-15 shall consist of the following mandatory tasks:

- b. All corrosion shall be removed and the affected surfaces treated as necessary in accordance with MIL-A-8625, MIL-C-5541, and SAE AMS-M-3171, as applicable.
- c. All hardware items and assemblies shall be stripped, repaired/replaced (as necessary), treated/primed, and camouflage painted (to the approximate the patterns for similar equipment as specified in TM-4750-15/1 and TM-4750-15/2-x) utilizing chemical agent resistant coating (CARC) paint.
- d. Electronic assemblies/subassemblies shall be overhauled to meet or exceed the individual/assembly test specifications. Overhaul, vice restoration or repair, is necessary due to the essentiality of SET-15 being fully operational and reliable in the event the AN/TPS-59(V)3 is deployed to a tactical environment.
- e. All assemblies, subassemblies, and materiel shall conform to the configuration as specified in 7327847, 7327847G3, 77A561266, and SL3-09088A. Specific attention is directed towards drawing 77A561266. Any variance(s) must be authorized as specified in paragraph 3.4, below.
- f. All stencils shall be repainted in accordance with 7327847 and data plates replaced in accordance with 77C726163P3.
- g. Cable assemblies shall be restored to their original condition, in order to facilitate rapid emplacement of the SET-15 system and ensure operational reliability.

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

- a. The Contractor shall be responsible for preservation and packaging of items to be repaired under the terms of this statement of work. Upon successful completion of the ROR, the equipment shall be packed in accordance with TM-07751B-14/14. No long-term storage requirements exist for this equipment.
- 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 repaired equipment. The Contractor shall be responsible for arranging priority shipment (via air-ride, commercial ground transportation if within CONUS or Military Airlift Command if OCONUS) to the designated site(s). The Marine Corps will be responsible for all transportation costs associated with shipping the subject equipment to and from the Contractor.

3.4 Configuration Management

The contractor shall apply configuration control to established configuration items. Deviations from the established baseline configuration shall not be allowed without the express written approval of the WSM. The Contractor shall propose a suitable camouflage pattern to be used for the SET-15, using TM-4750-15/1 and TM-4750-15/2-x as references for development of an appropriate pattern. Recommendations for any other permanent changes to the form, fit or

function of the baseline shall be submitted via an ECP. MIL-STD-973 (paragraph 5.4.2 and Appendix D) may be used as a guide. The Contractor in accordance with DOD-D-1000B shall prepare product level engineering drawings, or revisions to existing drawings as applicable, for all approved ECPs. If necessary to temporarily depart from the baseline, the contractor shall prepare and submit a Request For Deviation or Request For Waiver (as applicable) using MIL-STD-973 (paragraph 5.4.3 or 5.4.4 and Appendix E) as a guide.

3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 827-2) 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/GFM Accountability Agreement to the contractor for signature to establish a chain of custody and identify property responsibilities for Marine Corps assets. The MCA, in conjunction with the WSM, reserve the right to deny any requests for GFE/GFM. Under no circumstances shall denial of such requests form a basis for either work stoppages or delays in delivery.

3.6 Quality Assurance Provisions

The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing.

4.0 Reports

4.1 The Contractor shall develop a Test Data Report (TDR) which portrays all test requirements/specifications (as collectively contained in the engineering drawings and technical manuals relative to the DPCG), referencing acceptable parameters, specific results obtained during the final diagnostic/integration testing, and general remarks. Additionally, the TDR shall reference this SOW, the NSN, part number, and serial number of the SET-15. Upon request, a copy of the TDR shall be submitted electronically (preferred), via regular mail, or facsimile, to the WSM within 30 calendar days after completion of testing. Electronic address is: "MbMatcom844-2@matcom.usms.mil". Mailing address is: Commander, Attn: (Code 844-2), Marine Corps Systems Command, 814 Radford Boulevard Suite 20343, Albany, GA 31704-0343. Facsimiles may be sent to: (912) 439-5498 or DSN 567-5498, Attn: Weapons System Manager, Code 844-2.

4.2 The Contractor shall provide a copy (either hard copy or electronic submittal is acceptable) of the Pre-Induction LTI to the WSM within 15 calendar days after completion of the inspection. The LTI (Contractor format) shall consist of the TDR and extract of SL3-09088A. Electronic address is: "MbMatcom844-2@matcom.usmc.mil". Mailing address is: Commander, Attn: (Code 844-2), Marine Corps Systems Command, 814 Radford Boulevard Suite 20343, Albany, GA 31704-0343. Facsimiles may be sent to: (912) 439-5498 or DSN 567-5498, Attn: Weapons System Manager, Code 844-2.

4.3 The Contractor shall provide a hard copy (with the signature of the unit's Commanding Officer or his designated representative) of the Joint Acceptance LTI to the WSM within 15

calendar days after completion of the inspection. The Joint Acceptance LTI shall be similar to the Pre-Induction LTI, with additional provisions for the signature and identifying information of the unit's authorized acceptance representative. Mailing address is: Commander, Attn: (Code 844-2), Marine Corps Systems Command, 814 Radford Boulevard Suite 20343, Albany, GA 31704-0343. Electronic copies of this report are not acceptable.

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM Set-15 Antenna-Transmitter Group	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Engineering Change Proposal (ECP)	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639B	5. CONTRACT REFERENCE SOW 3.3	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION		
6. APP CODE A	9. DIST STATEMENT REQUIRED A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE	b. COPIES	
					Draft	Final
					Reg	Repro

16. REMARKS Blk 4 - Contractor format using .doc or .pdf software applications is authorized. Blks 10 & 12 - ECPs shall be submitted for all proposed changes which permanently affect the baseline of a configuration item. MIL-STD-973, Appendix D may be used as a guideline. ECPs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. ECPs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited.	14. DISTRIBUTION				
	MCLBA (825-2)	0	1	0	
15. TOTAL	→	0	1	0	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY <i>James C. Roberts</i>	H. DATE 3/16/00	I. APPROVED BY <i>[Signature]</i>	J. DATE 7/2000
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CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated 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 the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM SET-15 Antenna-Transmitter Group	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Request For Waiver	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW 3.3	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION			
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION		a. ADDRESSEE	b. COPIES		
					Draft	Final	
						Reg	Repro

16. REMARKS Blk 4 - Contractor format using .doc or .pdf software applications is authorized. Blks 10 & 12 - RFWs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. RFWs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. RFWs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited	MCLBA (825-2)	0	1	0
15. TOTAL	0	1	0	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY <i>James C. Clark</i>	H. DATE 3/6/00	I. APPROVED BY <i>[Signature]</i>	J. DATE 7/20/00
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