20 June 2003

DRAFT

Maintenance Concept Remains Consistent With the Prior Fiscal Year

STATEMENT OF WORK (SOW)
for the
Restoration, Overhaul, and Repair (ROR)
of the
AN/TPS-59(V)3
Shelter, Non-Expandable, S-675/TPS-59(V)

NSN 5411-01-216-4217

SOW-07-PMM112-8B548B-1/1

1. This SOW identifies the work effort that shall be performed by the Contractor to perform the Restoration, Overhaul and Repair (ROR) of the AN/TPS-59(V)3, Shelter, Non-Expandable, S-675/TPS-59(V), NSN 5411-01-216-4217, part number 7345173G2, CAGE 03538.

2. The attached manuscript has been reviewed and is concurred upon by the following persons:

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1.0 Scope. This SOW establishes both general and specific requirements to be followed by the Contractor in the Restoration, Overhaul, and Repair (ROR) of the AN/TPS-59(V)3, Shelter, Non-Expandable, S-675/TPS-59(V), NSN 5411-01-216-4217, part number 7345173G2, CAGE 03538, (hereafter referred to as "Equipment Transport Shelter") less the collateral equipment such as the Row Feed Test Set, other test equipment, ancillary cables, tools, and other miscellaneous items required to be maintained by the using unit for their daily operation and maintenance of the AN/TPS-59(V)3 Radar Set.

1.1 Definitions

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

Condition Code "A": For the purposes of this SOW, Condition Code "A" is defined as "serviceable and issuable without limitation or restriction".

Restoration: The process of upgrading an item to conform to the applicable technical specifications in order 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/reliability due to wear, deterioration, or damage as well as cosmetic reconditioning. Restoration shall include all applicable alignments/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.

Overhaul: The process of totally reconditioning an item to conform to all current technical specifications for that item, thereby providing a life expectancy equivalent to similarly configured new equipment, through the repair/replacement of components that have failed, are of marginal performance, or are reasonably expected to fail due to wear/damage/deterioration. Additionally, structural/cosmetic repairs shall be performed to the degree that the item is comparable to new equipment. For the purposes of this SOW, all approved Engineering Change Proposals (ECPs) and modifications shall be installed/verified as part of the overhaul work effort.

Repair: The process of returning an unserviceable item to full operational status by repair/replacement of its component parts and performing any alignments/calibrations as may be

necessary. Cosmetic/structural repairs are not included in the repair process unless those repairs impede the operational functionality of the item.

Marginal Quality: Deteriorated or damaged parts that are reasonably anticipated to fail thereby significantly reducing the expected reliability of an assembly/equipment. An expanded definition and associated requirements for replacement of parts/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 which are 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. Any remaining conflicts shall be resolved at the discretion of the Logistics Management Specialist (LMS), who can be contacted at the following e-mail address: SMBmatcombmads@matcom.usmc.mil. The mailing address is: Commander, Marine Corps Systems Command, Attn: Logistics Management Specialist, BMADS, 814 Radford Blvd., Suite 20343, Albany, GA 31704-0343. The commercial telephone number is (229) 639-5036, or DSN 567-5036. Facsimiles may be sent to commercial telephone number (229) 639-6545 or DSN 567-6545, Attn: Logistics Management Specialist, BMADS.

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
MIL-I-631	Insulation, Electrical, Synthetic Resin Composition, Non-rigid

2.2 Military Standards

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-2073-1D	DoD Standard Practice for Military Packaging
MIL-STD-2110 (EC)	Restoration, Overhaul, and Repair of Electronic Equipment

2.3 Other Government Documents and Publications

DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP)

Engineering Drawing 7345173, CAGE 03538	Assembly Drawing, Shelter, Equipment Transport
Engineering Drawing 7345173G2, CAGE 03538	Parts List, Shelter, Equipment Transport
SL-3-07751B (PCN 12307751100)	Components List, Radar Set AN/TPS-59(V)3
TM-4750-15/1 (PCN 18204750000)	Painting and Registration Marking of Marine Corps Combat and Tactical Equipment
TM-4750-15/2-8 (PCN 18204750800)	Painting and Registration Marking of Marine Corps Combat and Tactical Equipment (contains patterns)
TM-07751A-14/19 (PCN 18407524700)	Equipment Transport Shelter

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.4 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems-Requirements
SAE AMS-M-3171	Magnesium Alloy, Processes for Pretreatment and Prevention of Corrosion

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standard for Configuration Management

Copies of Military Standards and Specifications 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 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, GA 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 Requirements

3.1 General Requirements

3.1.1 This SOW covers the general requirements for the ROR of the basic shelter rack assemblies, electrical waterfall, wiring electrical equipment, skid assemblies, and structural/cosmetic repairs. This document establishes uniform standards and procedures as applicable to the entire ROR process (to include receipt/initial evaluation of shelter condition, maintenance procedures, selection and use of parts/materials, identification/marking of equipment, and preservation/packing for shipment). Although this SOW, along with the referenced documents, (particularly MIL-STD-2110 (EC), provide extensive information relative to the ROR, the information and guidance is limited to establishing only the minimum requirements essential to perform the ROR process and restore the Equipment Transport Shelter to Condition Code "A".

3.1.2 The Contractor shall be responsible for all parts, materials, labor, facilities, tools, and test equipment necessary to Restore, Overhaul, and/or Repair the Equipment Transport Shelter in accordance with the references and this SOW. Upon successful completion of the ROR, the Equipment Transport Shelter shall be Condition Code "A".

3.1.3 Additional guidance may be provided by the Logistics Management Specialist (LMS), as well as other approved commercial/industry practices and standards. Requests for additional guidance shall be referred to the LMS of Marine Corps Systems Command (MCSC), Battlespace Management and Air Defense Systems (BMADS), at commercial telephone number (229) 639-5036, DSN 567-5036, FAX (229) 639-6545, or by e-mail to: SMBmatcombmads@matcom.usmc.mil.

3.2 Detailed Tasks

3.2.1 Pre-Induction LTI. Upon receipt of the Equipment Transport Shelter, Contractor technical personnel shall perform a Pre-Induction Limited Technical Inspection (LTI) utilizing SL-3-07751B for inventory purposes and TM-07751A-14/19 for determination of operational status of the equipment. The pre-induction LTI (in contractor format) shall identify any transportation related damages, equipment shortages, long lead-time material requirements, and the overall condition of the Equipment Transport Shelter to be inducted for ROR. In the event of any transportation related damage(s), the cognizant Transportation Management Office (TMO) shall be notified in writing within five working days after receipt of the equipment. The LMS shall be informed of any equipment shortages in order to coordinate resolution actions. Identification of required long lead-time materials and the overall condition are envisioned to assist ROR management personnel in the reduction of overall ROR processing time.

3.2.2 Induction for ROR. ROR of the Equipment Transport Shelter shall consist of the following mandatory tasks:

a. All assemblies, subassemblies, and material shall conform to the configuration as specified in Engineering Drawing 7345173, CAGE 03538, Parts List 7345173G2, CAGE 03538 and SL-3-07751B. Any variance(s) must be authorized as specified in paragraph 3.4, below.

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 three skids shall be replaced with new skids.

d. Cabinets shall be repaired and repainted as required.

e. Interior/exterior hardware shall be repaired/replaced as required.

f. All interior/exterior walls, floor, and ceiling/roof panels shall be repaired/replaced as required.

g. All electrical wiring and associated equipment shall be repaired and checked to ensure proper operation in accordance with MIL-I-631, as applicable.

h. The interior walls and ceiling shall be cleaned, sanded, primed, and painted "sea foam" green per Engineering Drawing 7345173, CAGE 03538.

i. The outer roof shall be painted with a non-skid coating prior to being primed and painted.

j. The floor panel shall have new non-skid, electrical grade rubber matting installed.

k. Unless otherwise specified by the LMS (prior to induction for ROR), the exterior of the Equipment Transport Shelter shall be camouflage painted with a Chemical Agent Resistant Coating (CARC) in the standard (green) colors and pattern in accordance with TM-4750-15/1 and TM-4750-15/2-8.

l. All stencils shall be repainted and data plates replaced in accordance with Engineering Drawing 7345173, CAGE 03538.

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

3.3.1 The Contractor shall be responsible for preservation and packaging of items 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 the level "A" requirements of MIL-STD-2073-1D, Appendix A., Table A.VI., Electronic Equipment and the requirements of TM-07751A-14/19 for stowage of equipment. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level "B" requirements and the TM-07751A-14/19 for stowage of equipment.

NOTE: Long-term storage requirements shall be identified, in writing, by the LMS, MCSC, BMADS, Albany, Georgia 31704-0343.

3.3.2 Marking for shipment and storage shall be in accordance with MIL-STD-129.

3.3.3 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, via air-ride truck for CONUS, or priority air shipment via Military Airlift Command for OCONUS 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.

3.4 Configuration Management. 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. All permanent changes to the form, fit or function of the baseline shall be by Engineering Change Proposal (ECP). 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 these configuration control documents.

3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 571-1) 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 Materiel Management Department, Management Control Activity (Code 571-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320, or by faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.6 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.

3.7 Quality Assurance 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 Systems-Requirements.

4.0 Reports. The Contractor shall provide the following report as stated in the paragraph below. The report shall be submitted to the Logistics Management Specialist (LMS). The LMS can be reached during normal business hours at commercial telephone number (229) 639-5036, or DSN 567-5036. The electronic address is: SMBmatcombmads@matcom.usmc.mil. The mailing address is: Commander, Marine Corps Systems Command, Attn: Logistics Management

Specialist, BMADS, 814 Radford Blvd., Suite 20343, Albany, GA 31704-0343. Facsimiles may be sent to commercial telephone number (229) 639-6545, or DSN 567-6545, Attn: Logistics Management Specialist, BMADS.

4.1 The Contractor shall provide a copy (either electronic or hard copy submittal is acceptable) of the Pre-Induction LTI to the LMS within 15 calendar days after completion of the inspection. The LTI (contractor format) shall consist of the TDR and an extract of SL-3-07751B (as applicable to Supply System Responsibility items of the Equipment Transport Shelter).