

STATEMENT OF WORK (SOW)
for the
Restoration, Overhaul, and Repair (ROR)
of the
Equipment Transport Shelter S-675/TPS-59
NSN 5411-01-216-4217

SOW-01-844-2-8B548B-1/1

1. This SOW identifies the work effort that shall be performed by the Contractor to perform ROR on the Equipment Transport Shelter S-675/TPS-59, NSN 5411-01-216-4217, part number 7345173G2, CAGE 03538.
2. The attached manuscript has been reviewed and is concurred upon by the following signers:


LAWRENCE E HERNDON
Weapon Systems Manager
Radar Systems Section (Code 844-2)
MARCORSYSCOM, Albany, GA


PATRICIA A HUGYA
Team Leader
Inventory Management Specialist
(Code 844-2)
MARCORSYSCOM, Albany, GA


RICHARD E JONES
Team Leader
Equipment Specialist
(Code 844-2)
MARCORSYSCOM, Albany, GA

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1.0 Scope. This SOW establishes both general and specific requirements to be followed by the Contractor for the restoration, overhaul, and repair (ROR) of the AN/TPS-59(V)3 Equipment Transport Shelter S-675/TPS-59, NSN 5411-01-216- 4217, CAGE 03538, part number 7345173G2 (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 Radar Set). Although this SOW and referenced documents provide extensive information relative to the ROR, the information and guidance provided is intended to establish only the minimum requirements essential to perform the ROR process to restore the Equipment Transport Shelter to Condition Code "A".

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": Serviceable/issuable without qualification; new, used repaired or reconditioned material that is serviceable and issuable to all customers without limitation or restriction, including material with more than 6 months shelf-life remaining.

1.1.3 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/Modifications have been installed properly and are functional. In the event that non-approved configuration items are discovered, the equipment shall be returned to its current approved configuration.

1.1.4 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.

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/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.

1.1.6 **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 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 supersede the 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
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-2110 (EC)	Restoration, Overhaul, and Repair of Electronic Equipment
MILSTD-2073-1C	DoD Standard for Military Packaging

Military Standards (For Reference Only)

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

7345173	Assembly Drawing, Equipment Transport Shelter
SL3-07751B	Components List, Radar Set AN/TPS-59(V)3
TM 4750-15/1	Painting and Registration Marking of Marine Corps Combat and Tactical Equipment
TM 4750-15/2-8	Painting and Registration Marking of Marine Corps

	Combat and Tactical Equipment (contains patterns)
TM-07751B-14/19	Equipment Transport Shelter

2.4 Industry Standards

ANSI/ISO/ASQC Q9002-1994	Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing
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SAE AMS-M-3171	Magnesium Alloy, Processes for Pretreatment and Prevention of Corrosion On
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Copies of military standards and specifications are available from the DOD Single Stock Point, Defense Automation 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:

3.1.1 This document covers the general requirements for ROR of the basic shelter, rack assemblies, electrical waterfall, wiring/electrical equipment, skid assemblies, and structural/cosmetic repairs. It 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/marketing of equipment, and preservation/packing for shipment).

3.1.2 The Contractor shall provide all parts, materials, labor, facilities, tools, and test equipment necessary to ROR the Equipment Transport Shelter in accordance with the references and this SOW.

3.1.3 Additional guidance may be provided by the WSM, {Commander, Attn; (Code 844-2), Marine Corps Systems Command, 814 Radford Boulevard Suite 20343, Albany, GA 31704-0343, commercial telephone (912) 439-6553, DSN 567-6553, FAX (912) 439-5498}, as well as other approved commercial/industry practices and standards.

3.2 Specific Requirements

3.2.1 Receipt and Pre-induction: The Contractor shall perform a Limited Technical Inspection upon receipt wherein transportation related damages, shortages, long lead-time materiel requirements, and the overall condition are identified. Transportation related damages shall be reported immediately to the Commanding Officer, Marine Corps Logistics Base, Attn: Transportation Management Officer (PPTY, Bldg 30), Barstow, California 92311-5014, (760) 577-6994, and WSM within five calendar days. The WSM shall be informed of any equipment shortages in order to coordinate with the originating unit for resolution. Identification of required long lead-time materials and the overall condition are intended to assist ROR management 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 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.
- b. All three skids shall be replaced with new skids.
- c. Cabinets shall be repaired and repainted as required.
- d. Interior/exterior hardware shall be repaired/replaced as required.
- e. All interior/exterior walls, floor, and ceiling/roof panels shall be repaired/replaced, as required.
- f. All electrical wiring and associated equipment shall be repaired and checked to ensure proper operation in accordance with MIL-I-631, as applicable.
- g. The interior walls and ceiling shall be cleaned, sanded, primed, and painted "sea foam" green per drawing 7345173.
- h. The outer roof shall be painted with a non-skid coating prior to being primed and painted.
- i. The floor panel shall have new non-skid, electrical grade rubber matting installed.
- j. The exterior of the 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, unless otherwise directed by the WSM.
- k. All stencils shall be repainted and data plates replaced in accordance with 7345173.

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 MILSTD-2073-1C, Appendix A., Table A.VI., Electronic Equipment and the requirements of TM-07751B-14/19. Items scheduled for domestic shipment, immediate use or short-term storage shall be to level B requirements and the requirements of TM-07751B-14/19. (Note: Long-term requirements shall be identified, in writing, by the Weapon System Manager.)

3.3.2 Marking 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 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 to established configuration items. Deviations from the established baseline configuration will not be allowed without the written approval of the WSM. Recommendations for 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. 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, reserves 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 Systems - Model for Quality Assurance in Production, Installation, and Servicing.

4.0 Reports

4.1 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 an extract of SL3-07751B (as applicable to Supply System Responsibility items of the Equipment Transport Shelter). Electronic address is: “MbMatcom844-2@matcom.usmc.mil”. Mailing address is: Commander, Attn: (Code 844-2), Marine Corps Systems Command, 814 Radford Blvd Ste 20343, Albany,

GA 31704-0343. Facsimiles may be sent to commercial (912) 439-5498 or DSN 567-5498, attention Weapons System Manager, Code 844-2.

4.2 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 Blvd Ste 20343, Albany, GA 31704-0343. The unit will retain a copy of the Joint Acceptance LTI (with original signatures) in its files for the Radar Set. Electronic copies of this report are not acceptable.

