

PART I – SECTION C – DESCRIPTION / SPECIFICATIONS

In addition to the Item Description, Drawing(s), and/or Specification(s) listed below, Preservation / Packaging / Packing and Inspection and Acceptance documents are continued elsewhere herein (Sections D & E respectively).

PRODUCT ENGINEERING REQUIREMENTS

The following Item Description, Drawing(s), and/or Specification(s) represent minimum Government requirements and are applicable to this Procurement.

National Stock Number (NSN): 5680-00-089-5920

MATS, LANDING, ALUMINUM MEDIUM DUTY XM19

In accordance with Military Specification MIL-M-52612B, entitled “Mats, Landing, Aluminum Medium Duty XM19,” dated 9 SEP 94, (copy enclosed with this solicitation) with the following corrections to MIL-M-52612B:

Make corrections to TABLE III Ancillary items per unitized load on page 17 of MIL-M-52612B as follows:

Change Drawing No. 13216E9239, Turn Adapter to 13216E9539, Turn Adapter.

Change Drawing No. 13216E9534, Anchor Attachments to 13216E9234, Anchor Attachments.

In accordance with Drawing No. 13220E5655, Landing Mats Assembly, Medium Duty.

CONSISTING OF THE FOLLOWING ITEMS:

<u>Item</u>	<u>Drawing Number</u>
Access Adapter, Overlap / Underlap	13216E9533
Anchor Attachment - Male	13216E9233
Anchor Attachment - Female	13216E9234
Edge Anchor Assembly	13216E9236
Lock Bar, 48.500 Inch	13216E9536
Lock Bar, 46.750 Inch	13216E9537
Lock Bar, 65.000 Inch	13216E9534
Mat, Landing, Full Panel, Medium Duty	13216E9528
Mat, Landing, Half Panel, Medium Duty	13216E9529
Mat Assembly, Landing, Repair, Medium Duty	13216E9530
Mat, Landing, Repair, Overlap, Medium Duty	13216E9531
Mat, Landing, Repair, Underlap, Medium Duty	13216E9532
Potting Compound	13216E9540
Set Screw, (Hexagon Socket, Cup Point, Corrosion-Resisting Steel, Passivated, UNC-3A, Plain and Self-Locking .3125-18 x .500L Plain)	MS51021-72

Starting Connector, 48.86 Inch	13216E9535
Turn Adapter - Male / Overlap	13216E9215
Turn Adapter - Male / Underlap	13216E9216
Turn Adapter - Female / Overlap	13216E9217
Turn Adapter - Female / Underlap	13216E9218
Turn Adapter - Overlap / Underlap, 15 Degree Turndown	13216E9539

Specifications and Standards referenced in the above cited applicable documents(s), (drawings, parts lists, specifications) shall be the effective issue or revision as listed in the Department of Defense Index of Specifications and Standards (DODISS) dated 1 JUL 02 and amendment dated 1 JAN 03.

PART 1-SECTION C-DESCRIPTION/SPECIFICATIONS

QUALITY ENGINEERING REQUIREMENTS

The following Item, Description, and Documents are applicable to this procurement with the Additions and Exceptions noted.

ITEM: MATS, LANDING, ALUMINUM MEDIUM DUTY XM19

DESCRIPTION: As described in PART 1- SECTION C- DESCRIPTION/SPECIFICATIONS- PRODUCT ENGINEERING REQUIREMENTS, including all additions and exceptions.

APPLICABLE DOCUMENTS: Military Specification MIL-M-52612B, entitled "Mats, Landing, Aluminum Medium Duty XM19," dated 9 SEP 94, with corrections to TABLE III and in accordance with Drawing No. 13220E5655, Landing Mats Assembly, Medium Duty and the cited item drawings as listed in the PRODUCT ENGINEERING REQUIREMENTS of PART I- SECTION C – DESCRIPTION/SPECIFICATIONS.

ADDITIONS AND EXCEPTIONS:

1. Responsibility for inspection. Unless otherwise specified in the contract, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

2. Quality conformance inspection. Quality conformance inspection shall be applied to production units being offered for acceptance under the contract. The inspection shall consist of a and b as follows and failure of any unit to pass these inspections or tests shall be cause for rejection of the unit

- a. Product examination (para.3)
- b. Packaging inspection (para.4)

3. Product examination. The production units shall be examined to determine compliance with Army drawings, parts lists, and specifications in the contract including any exceptions and additions noted in the Product Engineering Requirements, Part 1-Section C- Description/Specifications.

4. Packaging inspection. The item shall be inspected before and after packaging to determine compliance with the preservation, packaging, packing, and marking requirements specified in Section D of the contract.

5. Sampling. Sampling for quality conformance inspection shall be in accordance with TABLES I and II of MIL-STD-1916 using the Verification Levels (VL) listed, unless the contract specifies others, or 100% inspection is specified. The VL and Code Letter (CL) from Table I determine the sampling plan required to assess product compliance with contract and specification requirements. The VL shall be IV for Product examination (para.3) and II for Packaging inspection (para.4).

QUALITY ENGINEERING REQUIREMENTS (continued)

- a. The term lot or production interval size of TABLE I of MIL-STD-1916 is defined as a homogeneous collection of units of product from which a representative sample is drawn and inspected 100 percent to determine conformance with applicable requirements.
- b. Homogeneity shall be considered to exist provided the inspection lot has been produced by one manufacturer, in one unchanged process, using the same materials and methods in accordance with the same drawings, specifications and their related revisions.
- c. Units selected for inspection shall represent only the inspection lot from which they are drawn and shall not be construed to represent any prior or subsequent quantities presented for inspection.

6. Attributes sampling plans. The attributes sampling plans for lots or production intervals are described in TABLE II of MIL-STD-1916.

- a. The lot or batch shall be considered acceptable only if no nonconforming units are found upon inspection of the random sample of the size listed in TABLE II of MIL-STD-1916.
- b. The VL stated in the contract shall be considered the normal stage and shall continue unchanged as long as the product quality is consistent or exceeds specified requirements..
- c. Lots or production intervals that consistently meet or exceed all requirements of this procurement action may result in the Government allowing the Contractor to use reduced sampling levels.
- d. If it becomes evident that the product quality is deteriorating, tightened inspection sampling levels may be required by the Government until it is evident that product quality has returned to the required quality.