

**BATTLEFIELD MAINTENANCE SYSTEMS ENGINEERING
DESCRIPTION FOR PURCHASE
No. 436, 5 DEC 2003
for
WORKTABLE, AUTOMOTIVE MAINTENANCE
National Stock Number (NSN): 4910-00-543-7771**

1. SCOPE

1.1 Scope. This Description for Purchase is for worktables used for automotive maintenance.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issue of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation.

NONE

(Unless otherwise indicated, copies of specifications, standards, and handbooks are available from the Standardization Document Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 or <http://assist.daps.mil/online/login/login.cfm>.)

2.2 Non-Government documents The following Non-Government documents form a part of this document to the extent specified herein.

American Society for Testing and Materials

ASTM-D-3951 – Packaging, Commercial

(Copies of this document may be purchased from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshocken, PA 19428-2959.)

Automatic Identification Manufacturers

AIM BC1 – Uniform Symbology Specification – Code 39

(Copies of this document may be purchased from the Automatic Identification Manufacturers Inc, 634 Alpha Drive, Pittsburgh, PA 15238-2802.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited

herein (except for associated detail specifications, specification sheets, or MS standards), the text of this specification shall take precedence. Nothing in this document, however, shall supersede applicable laws and regulations unless a specific exemption has been obtained.

3. PRODUCT REQUIREMENTS

3.1 General description. The worktable shall provide storage for tools and other ancillary equipment.

3.2 Construction. The worktable shall be new and constructed of parts and materials that are without defects. Each worktable shall be delivered assembled so that the worktable can be immediately used for its intended purpose.

3.2.1 Design. The worktable shall also comply with the following:

- a. Work table shall have a metal base.
- b. Work table shall have a laminated hard maple top (1-3/4 inch thick, nominal)
- c. Work table shall include:
 - (1) Drawers (material – metal):
 - (a) Twelve drawers with nominal dimensions of 2.6 inch height, 5.6 inch width, and 17.4 inch depth.
 - (b) Six drawers with nominal dimensions of 2.6 inch height, 11.2 inch width, and 17.4 inch depth.
 - (c) Eight drawers with nominal dimensions of 4.5-inch height, 11.2 inch width, 17.4 inch depth.
 - (2) One shelf
 - (3) Two front opening bins with doors and locking provisions.
- d. Work table shall have drawers that are provided with a means for locking.
- e. Work table shall have envelope dimensions that are 35.5 inches high by no less than 24 inches and no more than 25 inches wide by 72 inches long. (Due to interface requirements with existing cabinets, table top surfaces, and workbench surfaces in existing Military shelters, the work bench provided shall meet the dimensional requirements).
- f. Worktable shall have each leg or four corners and midway on the front and back edge of the table base provided with means for securing the worktable to a van or shelter floor with bolts.
- g. Work table shall have a base that is painted if made of a corrosive material.
- h. Worktable base shall have a footprint area that is 18 inches deep x 72 inches wide. (Due to interface requirements with existing cabinets, table top surfaces, and work bench surfaces in existing Military shelters, the Workbench provided shall meet the dimensional requirements).

- i. Worktable shall have a table height that is 35.5 inches high. (Due to interface requirements with existing cabinets, table top surfaces, and work bench surfaces in existing Military shelters, the Workbench provided shall meet the dimensional requirements).

3.2.2 Performance. The worktable shall be capable of holding a uniformly distributed proof load of 2400 pounds (uniformly distributed throughout the drawers, shelf and tabletop) without causing the drawers and doors to bind or become unusable.

3.3 Workmanship. The quality of workmanship imparted to the worktable shall equal or exceed that typically provided to domestically manufactured commercial worktables. The work table presented for acceptance shall have been manufactured with skill and care; shall be uniform, neat, and clean; and shall be free from irregularities and anomalies which degrade form, fit, function, performance or appearance.

3.4 Color. The paint color and application shall be beige in accordance with manufacturer's commercial practice.

4. VERIFICATIONS.

4.1 General. Product verification shall be performed in accordance with the following requirements.

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

4.1.2 Responsibility for compliance. All delivered worktables shall meet all requirements herein.

4.2 Product examination. The worktable shall be inspected and tested to determine compliance with requirements stated herein. The inspections and tests shall be the same as the supplier utilizes when the item is manufactured and distributed for the commercial market unless otherwise directed. The absence of any directed inspection in the DESCRIPTION/SPECIFICATIONS shall not relieve the supplier of the responsibility of assuring that all items submitted to the government for acceptance comply with all requirements. Failure to meet any specified test for the indicated feature shall be cause for withholding acceptance of the unit. Failure of any worktable to pass any examination shall result in the rejection of the lot.

4.3 Construction.

4.3.1 Design verification. Verify that the work table:

- a. has a metal base.
- b. has a laminated hard maple top (1-3/4 inch thick, nominal)
- c. includes:
 - (1) Drawers (material – metal):
 - (a) Twelve drawers with nominal dimensions of 2.6 inch height, 5.6 inch width, and 17.4 inch depth.
 - (b) Six drawers with nominal dimensions of 2.6 inch height, 11.2 inch width, and 17.4 inch depth.
 - (c) Eight drawers with nominal dimensions of 4.5-inch height, 11.2 inch width, 17.4 inch depth.
 - (2) One shelf
 - (3) Two front opening bins with doors and locking provisions.

- d. Work table that have drawers that are provided with a means for locking.
- e. Work table envelope dimensions that are 35.5 inches high by no less than 24 inches and no more than 25 inches wide by 72 inches long.
- f. Work table that has each leg or four corners and midway on the front and back edge of the table base provided with means for securing the worktable to a van or shelter floor with bolts.
- g. Work table has a base that is painted if made of a corrosive material.
- h. Work table base has a footprint area that is 18 inches deep x 72 inches wide.
- i. Work table has a table height that is 35.5 inches high.

Failure of any worktable to pass any design verification shall result in the rejection of the lot.

4.3.2 Performance demonstration. Demonstrate that the work table is capable of holding a uniformly distributed proof load of 2400 pounds (uniformly distributed throughout the drawers, shelf and tabletop) without causing the drawers and doors to bind or become unusable.

Failure of any worktable to pass any performance verification shall result in the rejection of the lot.

4.4 Workmanship. Verify that the quality of workmanship imparted to the worktable is equal or exceed that typically provided to domestically manufactured commercial worktables. Verify that the work tables presented for acceptance have been manufactured with skill and care; are uniform, neat, and clean; and are free from irregularities and anomalies which degrade form, fit, function, performance or appearance. Failure of any worktable to pass the workmanship verification shall result in the rejection of the lot.

4.5 Color. Verify that the worktable color is beige. Failure of any worktable to conform to the required color

shall result in the rejection of the lot.

4.6 Packaging. Verify that preservation, packing and packaging are in accordance with the contractor's best commercial packaging practice per ASTM-D-3951 and the requirements herein. Failure to meet the requirements of ASTM-D-3951 and the requirements herein shall be cause for rejection (see 5.1).

5. PRESERVATION, PACKING, AND PACKAGING

5.1 Preservation, Packing and Packaging. Preservation, Packing and Packaging shall be in accordance with ASTM-D-3951 plus the following additional requirements:

- a. Unless otherwise specified herein, shipments to the same destination of identical items having a total packaged displacement exceeding 50 cubic feet shall be palletized unless forklift - handling features such as skids are included on containers.
- b. Workmanship shall be such that when proper procedure is followed, materials and equipment being processed will be provided the maximum protection against corrosion, deterioration, and be suitable for storage to the level of packaging specified.
- c. If the items are packaged in more than one box the boxes shall be marked i.e., 1 of 3, 2 of 3, 3 of 3 etc.

5.2 Marking: Container markings shall be in capital letters of equal height, shall be proportionate to the available marking space and shall contain the following information (if applicable) in the order listed

- a. NSN/NATO stock number. (if applicable)
- b. CAGE code of the company awarded the contract, and part number of the item as specified in the contract.
- c. Contract or purchase order number.

5.3 Marking on the shipping container. Markings on the shipping container shall be grouped into three distinct categories, identification markings, contract data markings and address markings.

5.3.1 Identification Markings: (as applicable)

- a. NSN/NATO stock number. (if applicable)
- b. CAGE code of the company awarded the contract, and part number of the item as specified in the contract.
- c. Quantity and unit of issue
- d. Level of protection and date packed.
- f. Gross weight and cube.

- g. Item description or nomenclature.

5.3.2 Contract Data Marking: (as applicable) The contract data marking placed under the identification markings, shall consist of the contract or purchase order number.

5.3.3 Address Markings: The address markings placed to the right of the identification and contract data markings (if space is available) shall consist of the following information in the order shown.

- a. Control number or reference number (as a minimum, the Transportation Control Number (TCN) Shall be provided as the single standard shipment identification number)
- b. FROM MILITARY: Name and address of consignor (DOD Activity Address Code) and in the clear address if applicable
- c. FROM CONTRACTOR: Name and address of the contractor (including nine-digit zip code). When supplies are shipped from a subcontractor, only the name and address of the company awarded the contract shall be used.
- d. TO: Name and address of consignee (DOD Activity Address Code (DODAAC) and in the clear Address if applicable
- e. Piece number and total pieces (if more than one shipping container is used for the order).

5.3.4 Bar code. In addition to the above information, the NSN/NATO stock number (if applicable) shall be bar coded on the unit packs and intermediate containers. The following shall be bar coded on the shipping container. All bar coding shall use the 3 of 9 format in accordance with AIM BC1.

- a. NSN/NATO stock number. (if applicable)
- b. Contract or order number.
- c. CAGE code of the company awarded the contract.
- d. Contract Line Item Number (CLIN) if applicable.