

**BATTLEFIELD MAINTENANCE SYSTEMS ENGINEERING
DESCRIPTION FOR PURCHASE
No. 433 , 18 NOV 2003
for
STORAGE CABINETS
National Stock Number (NSN): 7125-01-225-1199/1200/1202/1203**

1. SCOPE

1.1 Scope. This Description for Purchase describes storage cabinets used for storage of equipment.

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 cabinets shall provide storage for tools and other ancillary equipment and shall provide for content retention during transportation and rough handling.

3.2 Construction of the cabinets. The cabinets shall be new and constructed of parts and materials that are without defects. Each cabinet shall be delivered assembled so that the cabinet can be immediately used for its intended purpose. The cabinets shall also comply with the following:

- a. Cabinets shall be equipped with provisions to accommodate a forklift fork two inches thick. Cover plate (kick plate) for the front edge of cabinet to cover the fork lift provisions shall be provided.
- b. Cabinets shall be fitted with a padlock-able secure-able hinged locking bar to keep the drawers securely closed during transport. The locking bar shall have a hole big enough to accommodate a padlock with a maximum shackle diameter of .385 inches.
- c. Cabinet drawers shall be:
 - (1) double hung
 - (2) provided with fronts that have means to attach identifying labels with protective covers
 - (3) equipped with a manual lock in/ lock out device.
 - (4) equipped with adjustable partitions and dividers to subdivide the drawers into compartments. The partitions and the inside perimeter of each drawer shall be provided with slots or other devices that permit the position of partitions and dividers to adjusted in increments of 1 inch or less. The drawer partitions and dividers shall be equal in height to the sidewalls of their respective drawers. Although the partitions and dividers are adjustable, the cabinets shall be delivered with the partitions and dividers installed in each drawer to form 16 approximately equal size compartments.
 - (5) equipped with glides that incorporate ball or roller bearings or equally effective friction-reducing devices.
 - (6) provided with a means to easily open drawers (such as a handle or recessed pull).
 - (7) constructed of materials sufficient to support a weight of no less than 400 pounds per drawer without permanent deformation of the cabinet.

3.3 Materials. Unless otherwise specified herein, the cabinet shall be made of any suitable material that will meet all of the requirements set forth in this specification.

3.4 Workmanship. The quality of workmanship imparted to the cabinet shall equal or exceed that typically provided to domestically manufactured commercial cabinets. The cabinets 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.

3.5 Interface dimensions. Due to interface requirements with existing cabinets, table top surfaces, and workbench surfaces in existing Military shelters, the cabinets provided shall meet the following dimensional requirements for dimensions A, B, and C as shown in figure 1 herein within the stated tolerances. In addition the number of drawers and the approximate height for each drawer shall be as specified herein:

a. (1) NSN 7125-01-225-1199, government part number (PN) 11023801

DIMENSION (see figure 1)	VALUE
A	22.18 inches to 23.00 inches
B	33.00 inches \pm .06 inches
C	27.75 inches to 28.50 inches

a. (2) NSN 7125-01-225-1199 shall include 5 drawers as follows:

Drawers top to bottom	Approximate drawer heights
1	2.12 inches
2	3.12 inches
3	4.12 inches
4	5.00 inches
5	11.00 inches

b. (1) NSN 7125-01-225-1200, government part number (PN) 11023802

DIMENSION (see figure 1)	VALUE
A	22.18 inches to 23.00 inches
B	33.00 inches \pm .06 inches
C	27.75 inches to 28.50 inches

b. (2) NSN 7125-01-225-1200 shall include 6 drawers as follows:

Drawers top to bottom	Approximate drawer heights
1	2.12 inches
2	2.12 inches
3	3.12 inches
4	3.12 inches
5	5.00 inches
6	9.00 inches

c. (1) NSN 7125-01-225-1202, government part number (PN) 11023404

DIMENSION (see figure 1)	VALUE
A	28.50 inches to 30.12 inches
B	59.12 inches \pm .12 inches
C	27.75 inches to 28.50 inches

c. (2) NSN 7125-01-225-1202 shall include 12 drawers as follows:

Drawers top to bottom	Approximate drawer heights
1	2.187 inches
2	2.187 inches
3	2.187 inches
4	2.187 inches

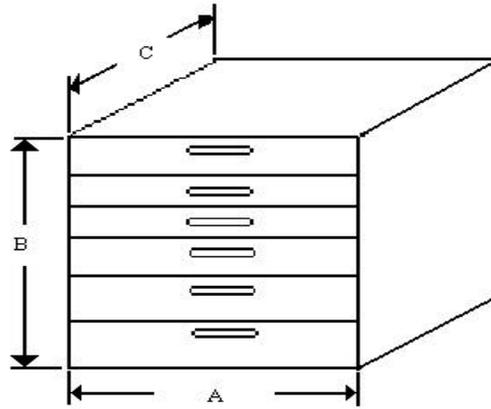
5	2.187 inches
6	2.187 inches
7	2.187 inches
8	2.187 inches
9	3.875 inches
10	4.625 inches
11	6.187 inches
12	10.125 inches

d. (1) NSN 7125-01-225-1203, government part number (PN) 11023800

DIMENSION (see figure 1)	VALUE
A	45.00 inches \pm .12 inches
B	59.12 inches \pm .12 inches
C	27.75 inches to 28.50 inches

d. (2) NSN 7125-01-225-1203 shall include 12 drawers as follows:

Drawers top to bottom	Approximate drawer heights
1	2.187 inches
2	2.187 inches
3	2.187 inches
4	2.187 inches
5	2.187 inches
6	2.187 inches
7	2.187 inches
8	2.187 inches
9	3.875 inches
10	4.625 inches
11	6.187 inches
12	10.125 inches



CABINET (TYPICAL)

FIGURE 1.

3.6 Color. The paint color and application shall be in the beige range (sand, putty, off white) 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 cabinets shall meet all requirements herein.

4.2 Product examination. Visually, dimensionally, and manually examine each cabinet to determine conformance with the requirements herein. Visual examination shall include verification of completeness of manufacture and assembly, proper cleaning, and free of defects. Dimensional examination includes measuring dimensions as specified. Manual examinations shall include the operation of movable parts by hand to assure proper functioning. Failure of any cabinet to pass any examination shall result in the rejection of the lot.

4.3 Construction verification. Verify that the cabinet:

- a. Is equipped with provisions to accommodate a forklift fork two inches thick. Is provided With cover plate (kick plate).

- b. is fitted with a padlock-able secure-able hinged locking bar. That has a locking bar that has a hole big enough to accommodate a padlock with a maximum shackle diameter of .385 inches.
- c. Has drawers that are:
 - (1) double hung
 - (2) provided with fronts that have means to attach identifying labels with protective covers
 - (3) equipped with a manual lock in/ lock out device.
 - (4) equipped with adjustable partitions and dividers to subdivide the drawers into compartments. Provided with partitions and the inside perimeter of each drawer provided with slots or other devices that permit the position of partitions and dividers to adjusted in increments of 1 inch or less. The drawer partitions and dividers equal in height to the sidewalls of their respective drawers. Delivered with the partitions and dividers installed in each drawer to forming 16 approximately equal size compartments.
 - (5) equipped with glides that incorporate ball or roller bearings or equally effective friction-reducing devices.
 - (6) provided with a means to easily open drawers (such as a handle or recessed pull).
 - (7) constructed of materials sufficient to support a weight of no less than 400 pounds per drawer without permanent deformation of the cabinet.

Failure of any cabinet to pass any construction verification shall result in the rejection of the lot.

4.4 Materials verification. Verify that the cabinet is made of any suitable material that will meet all of the requirements set forth in this specification. Failure of any cabinet to pass any materials verification shall result in the rejection of the lot.

4.5 Workmanship. Verify that the quality of workmanship imparted to the cabinet is equal or exceed that typically provided to domestically manufactured commercial cabinets. Verify that the cabinets 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 cabinet to pass the workmanship verification shall result in the rejection of the lot.

4.6 Interface dimensions verification. Verify that interface dimensions of the cabinet provided meet the dimensional requirements for dimensions A, B, and C as shown in figure 1 herein within the stated tolerances. In addition verify that the number of drawers and the approximate height for each drawer is as specified herein. Failure of any cabinet to pass any interface dimension verification shall result in the rejection of the lot.

4.7 Color. Verify that the cabinet color is in the beige range (sand, putty, off white). Failure of any cabinet to conform to the required color range shall result in the rejection of the lot.

4.8 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 ie., 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.
- e. Gross weight and cube.
- f. 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.