A-A-51355B
24 December 1991
SUPERSEDING
A-A-51355A
30 May 1989

COMMERCIAL ITEM DESCRIPTION

# STRETCHER, HOSPITAL

(Wheeled)

The General Services Administration has authorized the use of this Commercial Item Description as a replacement for MIL-S-36562A which has been cancelled.

This Commercial Item Description covers a wheeled hospital stretcher suitable for general patient transportation.

Salient Characteristics:

The hospital stretcher shall be a stable, four-wheeled stretcher equipped with two self-storing side rails, and adjustable intravenous (IV) rod, two restraint straps, and shall be suitable for general patient transportation. The stretcher shall be a one-piece unit, fully conductive, with dimensions of 27 inches plus or minus 1 inch wide by 78 inches plus or minus 2 inches long, and shall be equipped with a suitable rubber bumper around its entire periphery. The stretcher top to floor distance shall be 34 inches plus or minus 2 inches. The stretcher shall be tested for electrical conductivity in accordance with National Fire Protection Association (NFPA) Standard No. 99, Health Care Facilities.

The stretcher frame shall be fabricated of chrome plated tubular steel. The litter shall be epoxy coated steel or American Iron and Steel Institute (AISI) Series 300 corrosion-resisting steel. Corrosion-resisting steel shall have a No. 4 commercial finish, or better, on exposed surfaces. The underside of the stretcher, and other surfaces not visible, shall have a No. 2B finish. As an alternate to the chrome plating on the frame, epoxy powder

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formulated for electrostatic spray equipment application shall be acceptable. The epoxy coating shall be 2.0 mils plus or minus 0.5 mil thick, fast curing, and shall provide superior adhesion with a tough mar-resistant finish that will withstand high impact without chipping or cracking.

The IV rod shall be chrome-plated steel, adjustable from approximately 33 to 56 inches. Rod shall fit in 1/2 inch diameter sockets located at the four corners of the stretcher, and shall store in a holder mounted to the stretcher.

The stretcher casters shall be steel, zinc, or aluminum or a combination thereof with zinc, nickel or chrome plating. The stretcher casters shall be 10 inch plus or minus 1 inch diameter, fully swivel type, with electrically conductive rubber tires, designed to permit easy maneuvering of the unit when supporting a patient. Two casters shall be provided with a swivel locking mechanism to permit locking the wheels parallel to the long dimension of the stretcher for straight line trailing of the unit. A minimum of two wheels shall also lock to prevent the stretcher from rolling. Wheels and swivels shall be the ball-bearing type and shall operate easily, quietly, and smoothly. The rubber bumper shall have a hardness between 50 and 70 durometer and shall be free of any significant quantities of carbon filler or any other admixture that would visibly mark, streak, or discolor hospital walls. The bumper material shall be known commercially as "Non-Marking". The hardness of the rubber bumper shall be tested in accordance with ASTM Method No. D2240-75.

All welding shall be durable, sound in every detail and in accordance with the latest practices recommended by the American Welding Society. Surfaces to be welded shall be free from grease, oil, oxides, or other foreign matter. All weld joints shall blend into the adjacent metal in gradual, smooth curves. Beads shall be smooth and free of slag or excessive spatter. Sufficient metal shall be added to provide a suitable fillet or reinforcement. All welds shall be continuous with no visible voids, pin holes, or cracks which affect the quality.

All stretcher fasteners shall be fabricated of a corrosion-resisting metal. They shall be properly applied and tight.

The stretcher shall be free of burrs, sharp edges, or deformed areas. The stretcher shall be clean and free of grease, oil, dirt, or other foreign matter.

Workmanship. The hospital stretcher shall be free from defects which detract from its appearance or impair its serviceability.

Unit. Each (EA). One stretcher, as specified, constitutes one unit.

Quality Assurance Provisions.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any 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 specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

Records. Records of examinations and tests performed by or for the contractor shall be maintained by the contractor and made available to the Government upon the Government's request, at any time, or from time to time, during the performance of the contract and for a period of three years after delivery of the supplies to which such records relate.

Inspection. Inspection, as used herein, is defined as both examination (such as visual or auditory investigation without the use of special laboratory appliances or procedures) and testing (determination by technical means of physical and chemical properties) of the item.

Sampling for examination. Sampling for examination shall be conducted in accordance with MIL-STD-105, with an AQL of 4.0 (percent defective) and an inspection level of II. The unit of product for examination purposes shall be one hospital stretcher.

Sampling for tests. Sampling for tests, including dimensional test, shall be conducted in accordance with MIL-STD-105, with an AQL of 2.5 (percent defective) and an inspection level of S-3. The unit of product for test purposes shall be one hospital stretcher.

Tests. Tests shall be conducted to determine compliance with specification requirements. Where feasible, the same sample shall be used for the determination of two or more test characteristics. Tests shall include, but shall not be limited to the following:

Electrical conductivity test. The stretcher shall be tested for electrical conductivity according to National Fire Protection Association (NFPA) Standard No. 99, Health Care Facilities. The test shall be made from the top of the stretcher body to a metal plate placed successively under each caster. A test failure shall constitute a defect.

Bumper hardness test. The durometer hardness of the stretcher rubber bumper shall be tested using ASTM Method No. D 2240-75. A hardness result less than 50 durometer or greater than 70 durometer shall constitute a defect.

Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within the tolerances specified using conversion tables contained in the latest revision of Federal Standard 376, and all other requirements of this document are met.

If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch/pound units, a request should be made to the contracting officer to determine if the product is acceptable.

The contracting officer has the option of accepting or rejecting the product.

Contractor certification. The contractor shall certify that the product offered meets the salient characteristics of this description and conforms to the producers' own drawings, specifications, standards, and quality assurance practices. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Regulatory requirements.

Federal Food, Drug and Cosmetic Act. If the product covered by this document has been determined by the U.S. Food and Drug Administration to be under its jurisdiction, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of the Federal Food, Drug and Cosmetic Act, as amended, and regulations promulgated thereunder. In addition, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of all other applicable Federal, State, and local statutes, ordinances, and regulations.

Recovered materials. The offeror/contractor is encouraged to use recovered material in accordance with Federal Acquisition Regulation Subpart 23.4 to the maximum extent practical.

Preservation, packaging, packing, labeling, and marking. Unless otherwise specified, preservation, packaging, and packing shall be to a degree of protection to preclude damage to containers and/or contents thereof under normal shipping conditions, handling, etc., involving shipment from the supply source to the receiving activity, plus reshipment from receiving activity, and shall conform to applicable carrier's rules and regulations. Intermediate and exterior package quantities and labeling and marking shall be as specified in the contract and/or order.

Ordering data. Intermediate/exterior package quantities, labeling, and marking must be specified in the contract and/or order.

NOTES: 1. The following National Stock Number is covered by this document.

6530-01-063-3966

2. The hospital stretcher is intended to be suitable for use with Foam Pad, NSN: 6530-01-063-3967.

MILITARY INTERESTS:

Custodians:

Army - MD
Navy - MS
Air Force - 03

PREPARING ACTIVITY:

DoD-MB

Agent:

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITIES:

VA - OSS
USPHS
FDA-MPQAS

Project Number: 6530-2298

Location: STRETC13.DOC

# STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

## INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

| I RECOMMEND A CHANGE: | 1. DOCUMENT NUMBER: A-A-51355B | 2. DOCUMENT DATE (YYMMDD): 24 December 1991 |
|---|---|---|

3. DOCUMENT TITLE: STRETCHER, HOSPITAL (Wheeled)

4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)

5. REASON FOR RECOMMENDATION

6. SUBMITTER

| a. NAME (Last, First, Middle Initial) | b. ORGANIZATION | |
|---|---|---|
| c. ADDRESS (Include Zip Code) | d. TELEPHONE (Include Area Code)<br>(1) Commercial<br>(2) AUTOVON (If applicable) | 7. DATE SUBMITTED (YYMMDD) |

8. PREPARING activity

| a. NAME<br>DEFENSE PERSONNEL SUPPORT CENTER<br>ATTN: DPSC-MSE | b. TELEPHONE (Include Area Code)<br>(1) Commercial: AC 215-737-2870<br>(2) AUTOVON: AV 444-2870 |
|---|---|
| c. ADDRESS (Include Zip Code)<br>2800 SO. 20TH STREET<br>PHILADELPHIA, PA 19145 | IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:<br>Defense Quality and Standardization Office<br>5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466<br>Telephone (703) 756-2340 AUTOVON 289-2340 |

DD Form 1426, OCT 89 — Previous editions are obsolete — 90/??