

A-A-53918
30 May 1989

COMMERCIAL ITEM DESCRIPTION

PROJECTOR, VISUAL ACUITY TEST

The General Services Administration has authorized the use of this commercial item description.

This commercial item description covers a vision test apparatus, chart projection type, complete with test slides and wall screen, for eye refraction procedures.

Salient characteristics:

The projector covered by this specification shall be of the following types as specified:

Type I Projector, floor model

Type II Projector, table model

General.

Projector head housing shall be die cast metal which contains projection lamp with condenser lens system and slide manipulating mechanism. Exterior shall be black color in either smooth or crinkle finish.

Projection lens barrel located in front of the head shall consist of series of optical lenses capable to focus manually from 15 to 20 feet.

Floor stand for Type I projector shall be made of heavy cast iron base and round steel column to support the projector head.

Height of the column from floor shall be not less than 40 inches.

Type II table model projector shall be self-standing on the table top.

The head shall be capable of being tilted either upward or downward not less than 8 degrees from horizontal axis.

AMSC N/A

FSC 6540

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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The projector shall be designed to operate on 115 volt, AC or DC power supply. A power cord not less than 6 feet long and equipped with a three prong plug. An "on-off" switch shall be located in the housing.

The lamp shall be low wattage long life type, having minimum life not less than 50 hours. Provide three spare bulbs for each instrument.

The slide shall be manually inserted and be able to select any test line by manually manipulating a horizontal or vertical line selector.

Two test slides shall be provided. The slides shall be made from glass, mounted on a sturdy carrier frame with spockets on one side of the carrier. The spockets shall be compatible with A-O type projector. One slide shall be designed for adult testing consisting of the following test patterns, as a minimum: illiterate "E", Sloan letters, fixed astigmatic clock dial, vertical line dial with Sloan letters and astigmatic squares. The other slide shall be for a preschooler consisting of a series of recognizable objects, illiterate "E" and Landolt rings.

Provide a wall-mount screen with each projector. The screen shall be rigid, metallic type having useable area not less than 144 sq. inches.

Provide two copies each of one or more service data booklets with each unit. The service data shall contain complete instructions for installation, operation, maintenance and a list of component parts. Each part of the unit, other than common fasteners, shall be identified in the service data and parts list by the manufacturer's part number.

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

Unit. Each (EA). One projector with slides, screen and spare bulbs, 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 of purchase order, the contractor may use his own or nay 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 inspection 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 defines 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.

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 No. 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.

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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 the recovered material in accordance with Public Law 94-580, as amended, and as implemented by 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.

NOTE: The following National Stock Numbers are covered by this document:

<u>NSN</u>	<u>ITEM IDENTIFICATION</u>	<u>TYPE</u>
6540-00-388-3600	PROJECTOR, VISUAL ACUITY TEST	I
6540-00-443-5864	PROJECTOR, VISUAL ACUITY TEST	II

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

MILITARY INTERESTS:PREPARING ACTIVITY:Custodians:

DoD-MB

ARMY - MD
NAVY - MS
AIR FORCE - 03

Agent:
DLA-DM

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CIVIL AGENCY COORDINATING ACTIVITIES:

VA-OSS

PHS

FDA-MPQAS

PGC: 45826,45893

Project No. 6540-1212

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER 1-A-53918		2. DOCUMENT TITLE PROJECTOR, VISUAL ACUITY TEST	
3. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
5. ADDRESS (Street, City, State, ZIP Code)		<input type="checkbox"/> VENDOR	
		<input type="checkbox"/> USER	
		<input type="checkbox"/> MANUFACTURER	
		<input type="checkbox"/> OTHER (Specify):	
6. PROBLEM AREAS			
a. Paragraph Number and Wording:			
b. Recommended Wording:			
c. Reason/Rationale for Recommendation:			
7. REMARKS			
8. NAME OF SUBMITTER (Last, First, MI) - Optional		9. WORK TELEPHONE NUMBER (Include Area Code) - Optional	
10. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional		11. DATE OF SUBMISSION (YYMMDD)	

INSTRUCTIONS. In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (**DO NOT STAPLE**) and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation as too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

NOTE. This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification 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.

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Philadelphia, Pennsylvania 19101-8419

