

INCH-POUND

A-A-59858

11 January, 2010

COMMERCIAL ITEM DESCRIPTION

PROBE, AVALANCHE

The General Services Administration has authorized the use of this commercial item description, for all federal agencies

1. **SCOPE.** This commercial item description covers the requirements for avalanche probes which are used to locate avalanche victims buried under the snow.
2. **CLASSIFICATION.** The avalanche probe will be furnished in one type and size.
3. **SALIENT CHARACTERISTICS.** The probe shall be sectional, and collapsible, with a collapsed length of less than 14 inches and an extended length of 8 feet (± 2) inches. The probe diameter shall be 0.4 inches. When extended, the probe shall have a locking mechanism to keep it extended during use. The probe, when collapsed, shall fit inside the shaft of the Shovel, Avalanche, as specified in A-A-59852 and not prevent the shovel handle from attaching to the shaft and shall provide ease of use with typical combat gloves and be as lightweight as possible, while meeting the standards in this description. The probe shall be 94 inches (± 2) inches long when extended and locked.
 - 3.1 **Color.** The avalanche probe shall be provided in a low reflectance, matte finish and provide low contrast with typical use terrain unless otherwise specified in the solicitation or contract order (see 7.2).
 - 3.2 **Materials.** The probe shall be constructed of aluminum. The internal tightening cable shall be constructed of a coated stainless steel.

Comments, suggestions, or questions on this document should be addressed to: Defense Supply Center Philadelphia, Clothing and Textiles Directorate, Attn: DSCP Standardization Team, 700 Robbins Avenue, Philadelphia, PA 19111-5096. Since contact information can change, you may want to verify the currency of this address information using Acquisition Streamlining and Standardization Information System (ASSIST) online database at <http://assist.daps.dla.mil/>.

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3.3 Workmanship. The finished avalanche probe shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the contractors own quality assurance standards and the quality assurance standards defined in the technical data in the solicitation and/or contract.

3.4 Service Life. The avalanche probe shall have no unexpected material or component failures during a continuous one-year cycle. The probe shall have no unexpected material or component failures during periodic use over a five year period.

3.5 Labels/barcoding/instruction slip. If applicable, all labeling, barcoding and instruction slip requirements shall be as specified in the solicitation or contract (see 7.2).

3.5.1 Labels. Each probe avalanche shall have identification label Class 5 conforming to Type VI of MIL-DTL-32075. The color of the label shall be white. The following information shall be included in the printing for the identification label for the probe avalanche.

PROBE, AVALANCHE
NSN: XXXX-XX-XXX-XXXX

The following instruction information shall be supplied:

- a. the name or trademark of the manufacturer, importer or supplier
- b. the meaning of any markings on the product
- c. the use of the product
- d. how to choose other components for use in the system
- e. how to maintain and service the product
- f. the lifespan of the product or how to assess it
- g. the effects of chemical reagents and temperature on the product
- h. the effects of storage and aging
- i. identification of the model, if more than one model is available

4. **REGULATORY REQUIREMENTS**. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4.1 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible, provided that the material meets or exceeds the operational and maintenance requirements and promotes economically advantageous life cycle costs.

5. PRODUCT CONFORMANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this Commercial Item Description, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the

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commercial marketplace. The Government reserves the right to require proof of such conformance.

5.2 Visual examination. Each avalanche probe shall be examined for the following defects as listed in Table I:

TABLE I. End item examination

Examine	Defect Description
Finish	Not smooth and adherent
	Not low reflectance matte finish
	Does not provide low contrast with typical use terrain
Material	Incorrect
Construction	Not free of burrs, rough spots, slivers, flat areas or projections
	Any component missing or not specified type
	Any component fractured, slit, punctured, dented, bowed, malformed, loose or damaged
	Marking etched or indented, contains rough or sharp edges
Labels/barcoding/instruction slip (if applicable)	Incorrect, illegible, omitted or misplaced.
Integration	Doesn't fit into shovel handle
Operation	Doesn't lock
Rope routing instructions	Incorrect, illegible, omitted or misplaced.
Marking	Omitted, missing information or illegible

5.3 Acceptance criteria. Acceptance criteria shall be as specified in the contract or purchase order (see 7.2).

6. PACKAGING.

6.1 Preservation, packing and marking. The preservation, packing and marking shall be as specified in the contract or order (see 7.2).

7. NOTES.

7.1 Sources of documents.

7.1.1 Government documents. Copies of Government documents are available online at <http://assist.daps.dla.mil/quicksearch/> or from the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

DRAWINGS

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U.S. ARMY NATICK SOLDIER CENTER

3-3-0143 Shovel, Avalanche
 3-3-0154 Probe, Avalanche

(Copies of drawings are available from the U.S. Army Natick Research Development and Engineering Center, Natick Soldier Center, NSRDEC-RDNS-WPW-C, Natick, MA 01760)

7.1.2 Federal Acquisition Regulations are available online at <http://acquisition.gov/far/index.html> or by contacting the Superintendent of Documents at 202-512-1800.

7.1.3 Non-Government documents. Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents may be available in or through libraries or other informational services.

7.2 Ordering Data. The contract or order should specify the following:

- a. Title, number, and date of this Commercial Item Description.
- b. Type, size and color required (see 2 and 3.1).
- c. When required, labeling, barcoding, and instruction slip (see 3.5)
- d. Acceptance criteria (see 5.3).
- e. Packaging (see 6.1).

7.3 Key words.

Rescue
 Snow

MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:
 GSA – FSS

Custodian:
 Army - GL
 Marine Corps – MC

PREPARING ACTIVITY:
 DLA-CT

Project 4240-2009-013

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using ASSIST Online database at <http://assist.daps.dla.mil/>.