

2. AMENDMENT/MODIFICATION NO. 0001
 3. EFFECTIVE DATE 09/23/2004
 4. REQUISITION/PURCHASE REQ. NO.
 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE Dept. Of Justice, Fed. Prison Ind.
 400 1st St, NW, 6th Floor
 Washington, DC 20534
 Attn: John Carlock, 202-305-7390
 7. ADMINISTERED BY (If other than Item 6) CODE Same as Block #6
 202-305-7344 fax

8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State and ZIP Code)
 9A. AMENDMENT OF SOLICITATION NO. (X) CT1671-04
 9B. DATED (SEE ITEM 11) 08/20/2004
 10A. MODIFICATION OF CONTRACT/ORDER NO.
 10B. DATED (SEE ITEM 13)
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENT OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and the date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
- THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
- D. OTHER (Specify type of modification and authority)

E. IMPORTANT Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The above mentioned Solicitation is hereby amended as follows:

1. Line Items 0001 - 0027, the correct Spec should be A-A-50013, Rev. E.
2. Line items 0001 - 0027, the sizes listed is for tubular, linear yards, except the rib.
3. Binding, FAB5097 and FAB2798 are made of same material as the main corresponding fabric.
4. Page 33, Section M, DELETE para M.2(a)(2a), not applicable.
5. Page 35, change Global eProcure poc to Santosh Nair, snair@globaleprocure.com, (732)382-6565 ext: 1062.
6. Rib shall be on a cardboard core roll, and weigh between 32 - 40 lbs.
7. Written requests for samples for brown cotton cloth shall be made to John Carlock at the fax number and address listed above. (no samples available for the gray poly)
8. Response date is extended to 10/04/2004, 2:00 p.m. local time for submittal of all documentation except pricing. The practice and live auction dates remain unchanged.
9. All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
 15B. CONTRACTOR/OFFEROR
 15C. DATE SIGNED
 16B. UNITED STATES OF AMERICA
 BY
 16C. DATE SIGNED
 (Signature of the person authorized to sign) (Signature of contracting officer)

CRFD/PD 04-09

June 16, 2004

PURCHASE DESCRIPTION**T-SHIRT, PHYSICAL TRAINING UNIFORM**

This purchase description is approved for use by the Defense Supply Center Philadelphia and is available for use by all Department and Agencies of the Department of Defense

1. **SCOPE.** This purchase description covers the requirements for the T-shirt physical training uniform that is intended for wear by personnel of the Air Force.

1.2. **CLASSIFICATION.** The T-shirt shall be of one type in the following sizes:

X-Small, Small, Medium, Large, X-Large, XX-Large, XXX-Large, XXXX-Large

2. APPLICABLE DOCUMENTS**2.1 SPECIFICATIONS**

2.1. **Issues of Documents.** The following documents, of the issue in effect on date of invitation for bids or request for proposal, form part of this Purchase Description to the extent specified herein.

2.2. **Other Publications.** The following documents form a part of this Purchase Description to the extent specified herein. Unless otherwise indicated, the issues in effect on date of invitation for bids or request for proposal shall apply.

The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation of contract. (Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents also may be available in or through libraries or other informational services.)

FEDERAL

MIL-T-43518	Cotton Covered Polyester Thread
MIL-T-43624	Spun Polyester Thread

AATCC TECHNICAL MANUAL

Test Method 61 Test 1A, Colorfastness to Laundering

Test Method 135, Table 1(III, iii), Dimensional Changes in Automatic Home Laundering

(Application for copies of the AATCC Technical Manual should be addressed to the American Association of Textile Chemists and Colorists, 1 Davis Dr., P.O. Box 12215, Research Triangle Park NC 27709-2215 or www.aatcc.org.)

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 3775	Standard Test Method for Fabric Count of Woven Fabric
ASTM D 3776	Standard Test Method for Mass Per Unit Area (Weight) Of Fabric
ASTM D 3787	Standard Test Method for Testing Bursting Strength
ASTM D 3887	Standard Specification for Tolerances for Knitted Fabrics
ASTM E 96	Standard for Water Vapor Transmission

(Applications for copies should be addressed to American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA J 9428.)

THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI/ISEA 107 American National Standard for High Visibility Safety Apparel and Headwear.

(Application for copies shall be addressed to THE American National Standards Institute, 1819 L St NW, Washington DC 20036 or www.ansi.org)

3. SALIENT CHARACTERISTICS.

3.1 Description. The T-shirt shall be ash gray in color and have short sleeves, a crew neck neckband that shall measure 1 +/-1/8 inch wide, a hemmed (approximately 7/8 inch wide) bottom and hemmed (approximately 3/4 inch wide) sleeves (see Figures 1 and 2). The inside of the shoulder and back of neckband seams (shoulder to shoulder) shall be reinforced with binding tape 3/8 to 1/2 inch wide. The front of the T -shirt shall have silver reflective Air Force logo 2-1/4 inches wide and 2-1/4 inches high with U.S. AIR FORCE underneath it 1/4 inch high and 3-1/4 inches long. The bottom of the lettering shall be centered in the upper left chest quadrant halfway between the armhole distance. The back of the shirt shall have a silver reflective "AF wing" design conforming to the dimensions in Figure 3, centered on the shirt back and centered between the armhole seams the top edge 3 inches below the base of the neckband. The reflective components shall meet the ANSI/ISEA 107-1999 standard; paragraph 7.1 Performance and Physical Performance Requirements for Retro-reflective materials. A white, blank, rectangular label, 2 by 3 inches in size, shall be caught and sewn under the identification/size/care label, at center back collar seam.

3.2 Standard sample. The finished cloth shall match the standard sample for shade and appearance. For access to samples, address the procuring activity issuing the invitation for bids or request for proposal.

3.3 Materials.

3.3.1 Basic material and neckband. The basic material shall be 100% polyester jersey for the body and sleeves, and a 1 x 1 true rib knit for the neckband. The cloth shall have moisture management and an anti-odor capability using EvapR8™ finishing process (or equal) and shall conform to the requirements in Table I.

TABLE 1. – Material Requirements

Characteristics	Requirements	Requirements	Test Method
	Basic Material	Neckband	
Weight, oz./sq. yd.	5.8 (+/-0.2)	-----	ASTM D3776 Opt C
Fabric yarn count: (min.)			
Wales per inch	30	20	ASTM D3887
Courses per inch	48	38	
Bursting Strength: (min)	120	-----	ASTM D3787
Dimensional stability (max.)	4.0%	4.0%	AATCC-135, Table I (III, iii)
Colorfastness: Laundering	Grade 4	Grade 4	AATCC-61 Test 1A
Moisture vapor transmission			ASTM E96
Initial (min.)	1550 g/m ² /24 hour		Test "B" 1/
5 Launderings	1450 g/m ² /24 hour		Test "B" 1/

1/ The back side of the cloth shall face the water, the free stream air velocity shall be 550 (+/-50) FPM as measured 2 inches above the fabric specimen. The air flow shall be measured at least 2 inches from any other surface. The test shall be run for 24 hours and weight measurements shall be taken at only the start and completion of the test. At the start of the 24 hour test period, the air gap between the water surface and the back of the specimen shall be 3/4 (+/- 1/16) inch.

3.3.2 Thread. Thread shall be in accordance with MIL-T-43518 or MIL-T-43624. The color of the thread shall be a good match to the basic material. The finished thread shall have no chemical finishes or treatments, other than those commonly used on commercial threads.

3.3.3. Reflective materials.

The reflective graphic transfer logos must be Eclipse TM Reflective Transfers produced using 3M 5721 graphic transfer film or equivalent. The performance of the retro-reflective materials must be tested in accordance to the ANSI/ ISEA 107 American National Standard for High-Visibility Safety Apparel and Headwear. The performance requirement of the reflective material must be tested and certified for the level 2 category. The test including initial photometric measurements followed by physical testing including abrasion, flexing, folding at cold temperatures, temperature variation, washing (25 cycles). After application of the logos on the garments an additional test needs to be performed to ensure proper application of the transfers. Wash the garment articles for 5 cycles at 80-105 degree Fahrenheit water temperature with a mild detergent. Set the machine on a delicate cycle. Test three samples of each garment. The purpose of this wash test is to perform a visual inspection after the 5 cycles to ensure that the transfers are not peeling on corners or flaking. The heat application of the logos and strips must be applied in accordance to the manufacturer's instructions.

3.4 Labels

3.4.1. Label/Marking. A commercial type label shall include size, contractor's name, contract number, National Stock Number (NSN), fiber and laundering (care) information, as noted below. The label shall have "good" colorfastness to laundering when tested in accordance with AA TCC-61.

"Machine wash, warm, mild detergent, no fabric softener, no bleach."
 "Tumble dry low, do not iron"

3.4.2 Barcode label. Each item shall be individually bar-coded with a paper tag for personal clothing items. The paper tags shall be standard bleached sulfate having a basis weight of 100 pounds. The paper used for the tags shall have a smooth finish to accept thermal transfer and direct printing. The tags shall have a hole and shall be attached to each item by a fastener, or the bar code and UPC code tags may be attached as a sticker to the outside of the individual poly bag. The tags shall be clearly legible and readable by a scanner. The bar coding element shall be a 13 digit national stock number (NSN). There shall be a 12 digit UPC number assigned for all NSN's by the contracting activity. The initials "UPC" must appear beneath the code. The bar code for NSN and UPC type shall be a medium to high density and shall be located, so that it is completely visible on the item when it is folded and/or packaged as specified and so it causes no damage to the item. This UPC code must also be placed on all shipping cartons on which the NSN appears.

3.5 Patterns. Standard patterns to be used for cutting the contractor's working patterns will be furnished by the Government. The working patterns shall be identical to the standard patterns and shall not be altered in any way. The patterns provide 3/8 inch seam allowances.

3.5.1 List of pattern parts. The component parts of the t-shirt shall be cut from materials as specified according to the pattern parts indicated:

Material	Pattern nomenclature	CAD Name	Cut Parts
Basic material	Body	BO	1, cut on tube
	Sleeve	SL	2
1 X 1 Rib	Neckband	NB	1

3.5.2 Figures. Figures 1 through 4 are furnished for information purposes only. To the extent of any inconsistencies between the written purchase description and the figures, the written purchase description shall govern.

3.6 Finished measurements. The T-shirt shall conform to the finished measurements (given in inches) in Table II.

TABLE II -T-SHIRT, Finished measurements

Sizes	(A) ½- Chest	(B) Back Length	(C) ½- Neck Opening	(D) Shoulder	(E) Armhole Opening	(F) Under Sleeve	(G) Over Sleeve	(H) Sleeve Opening
X-Small	18	25	8	4	10	4-1/2	7-3/4	6-1/2
Small	19	26	8-1/2	4-3/4	10-1/2	5	8-1/2	7
Medium	21	28	9	5-1/2	11	5-1/2	9-1/4	7-1/2
Large	22-1/2	30	9-1/2	6-1/4	11-1/2	6	10	8
X-Large	24	31	10	7	12	6-1/2	10-3/4	8-1/2
XX-Large	26	32	10-1/2	7-3/4	12-1/2	7	11-1/2	9
XXX-Large	28	33	11	8-1/2	13	7-1/2	12-1/4	9-1/2
XXXX- Large	30	34	11-1/2	9-1/4	13-1/2	8	13	10

Tolerance	+/-1/2	+1 -1/2	+/-1/4	+1/2, -1/4	+1/2, -1/4	+1/2, -1/4	+1/2, -1/4	+/-1/4
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Method of measuring:

- (A) 1/2 Chest: With shirt laying flat but not stretched, measure across from folded edge to folded edge, approximately 1 inch below the armhole.
- (B) Back Length: Lay T-shirt flat but not stretched, measure from top edge of collar on back to bottom of shirt.
- (C) Neck Opening: Grasp neckband at center back and center front, forming a straight line, but do not stretch, and measure.
- (D) Shoulder: Measure from collar seam to armhole seam, along shoulder seam.
- (E) Armhole Opening: Lay T-shirt flat but not stretched, and measure from the intersection of top of sleeve and shoulder seam to bottom of underarm seam.
- (F) Under Sleeve: Lay T-shirt flat but not stretched, measure from bottom of underarm seam to end of sleeve along seam.
- (G) Over Sleeve: Lay T-shirt flat but not stretched, measure from the intersection of the top of sleeve and shoulder seam to the end of sleeve hem.
- (H) Sleeve Opening: Lay T-shirt flat but not stretched, measure from folded edge to folded edge when sleeve hem is flat.

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).

QUALITY ASSURANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this purchase description and conform to the producer's own standards and quality assurance practices used for similar products offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.1.1 Certificate of compliance. Where certificates of compliance are submitted, they shall contain verifiable actual test and inspection data. The Government reserves the right to inspect and test the material or components to verify the validity of the certification.

5.2 Visual Examination. Each T-shirt shall be examined for the following defects:

Any hole, cut, tear, mend, drop stitch, loose knit, miss knit, slub, streak, knitted in waste, permanent fold, pleat or crease; any component part omitted, damaged, full, tight or twisted; any seam puckered, distorted, pleated, irregular or open, loose or tight stitching tension, broken or missing thread or stitch, needle chew; any part caught in an unrelated operation or stitching, any shaded part, discoloration or color not as specified; any spot or stain, raw edge, thread breaks, thread ends not removed, any material defects, distorted parts or poor workmanship; printing for "Air Force Logo" letters or broken wing design (including edges) misplaced, smeared, wrinkled and not cleaned or neatly applied; measurement of any item not as specified; design not as specified; label(s) missing, incorrect, or illegible; bar code or UPC code label omitted or not readable by scanner; human-readable interpretation (HRI) omitted or illegible; bar code not visible on folded, packaged Item; bar code label causes damage to the item; any items not packaged in accordance with the contract or purchase order.

5.3 Acceptance criteria. Acceptance criteria shall be as specified in the contract or purchase order.

6. PACKAGING

6.1 .The preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES.

7.1 Source of Government documents. Copies of military and Federal documents are available from:

Standardization Documents Order Desk, Bldg. 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

Federal Acquisition Regulation (FAR)

(Copies may be ordered from CCH Incorporated, 4025 West Peterson Avenue, Chicago IL, 60646-6085

7.2 Source of non-Government documents

(Application for copies of the AATCC Technical Manual should be addressed to the American Association of Textile Chemists and Colorists, 1 Davis Dr., P.O. Box 12215, Research Triangle Park NC 27709-2215 or www.aatcc.org.)

(Application for copies should be addressed to the American Society for and Materials, 100 Barr Harbour Dr, West Conshocken PA 19428-2959 or www.astm.org.)

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FIGURE T-Shirt, Physical Training Uniform, Front View



FIGURE 2, Physical Training Uniform, Back View