STATE OF OHIO
DEPARTMENT OF ADMINISTRATIVE SERVICES
GENERAL SERVICES DIVISION
OFFICE OF PROCUREMENT SERVICES
4200 SURFACE ROAD, COLUMBUS, OH 43228-1395

MANDATORY USE CONTRACT FOR: UNIFORM GARMENTS AND FOOTWEAR FOR THE OHIO STATE HIGHWAY PATROL

CONTRACT No.: OT900019  EFFECTIVE DATES: 07/01/18 to 06/30/23

The Department of Administrative Services has accepted bids submitted in response to Invitation to Bid No. OT900019 that opened on 03/05/18 and to Bid No. OT904519 that opened on 12/21/18. The evaluation of the bid response(s) has been completed. The bidder(s) listed herein have been determined to be the lowest responsive and responsible bidder(s) and have been awarded a contract for the items(s) listed. The respective bid response, including the Instructions to Bidders and Standard Terms and Conditions, special contract terms & conditions, any bid addenda, specifications, pricing schedules and any attachments incorporated by reference and accepted by DAS become a part of this Requirements Contract.

This Requirements Contract is effective beginning and ending on the dates noted above unless, prior to the expiration date, the Contract is renewed, terminated or cancelled in accordance with the Contract Terms and Conditions.

CONTRACT RENEWAL. This Contract may be renewed after the ending date of the Contract solely at the discretion of the Contracting Agency for a period of one month. Any further renewals will be by mutual agreement between the Contractor and the Contracting Agency for any number of times and for any period of time. The cumulative time of all mutual renewals may not exceed thirty-six (36) months unless the Contracting Agency determines that additional renewal is necessary.

This Requirements Contract is available to The OHIO DEPARTMENT OF PUBLIC SAFETY, OHIO STATE HIGHWAY PATROL, as applicable.

Agencies are eligible to make purchases of the listed supplies and/or services in any amount and at any time as determined by the agency. The State makes no representation or guarantee that agencies will purchase the volume of supplies and/or services as advertised in the Invitation to Bid.

SPECIAL NOTE: State agencies may make purchases under this Requirements Contract up to $2500.00 using the State of Ohio payment card. Any purchase that exceeds $2500.00 will be made using the official State of Ohio purchase order (ADM-0523). Any non-state agency, institution of higher education or Cooperative Purchasing member will use forms applicable to their respective agency.

This Requirements Contract and any Amendments thereto are available from the DAS Web site at the following address:

http://www.ohio.gov/procure

Signed: __________________________________________________________
Robert Blair, Director    Date
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* Added by Amendment #3, effective 01/14/19.
AMENDMENTS TO CONTRACT TERMS AND CONDITIONS: The following Amendments to the Contract Terms and Conditions do hereby become a part hereof. If an amendment conflicts with the Contract Terms and Conditions, the Amendment will prevail.

SPECIAL TERMS AND CONDITIONS

DELIVERY AND ACCEPTANCE: Supplies will be delivered to the participating agency within ninety (90) days after receipt of order. The delivery location will be noted on the purchase order issued by the participating agency. Acceptance (transfer of title) will occur upon the inspection and written confirmation by the ordering agency that the supplies delivered conform to the requirements set forth in the Contract. Unless otherwise provided in the Contract, acceptance shall be conclusive except as regards to latent defects, fraud, or such gross mistakes as amount to fraud.

CONTRACT AWARD: A contract will be awarded to the lowest responsive and responsible bidder by category. Failure to bid all items within a category may result in the bidder being deemed not responsive and disqualified from consideration for award of that category.

EVALUATION: Bids will be evaluated in accordance with Article I-1 of the “Instructions to Bidders”. There will be one (1) award per category. To determine the low total price of each category, the state will multiply the estimated annual usage of each item designated in the category by its corresponding unit bid price and then add these totals together for the category. Although there may be separate category awards, bidders are eligible to receive awards of multiple categories providing the Bidder is the lowest responsive and responsible bidder meeting all bid specifications and requirements listed within a category. Bidders shall offer all sizes and colors where applicable. Failure to bid /offer all sizes and colors stated may deem your bid not responsive. Failure to bid all items within a category may result in the bidder being deemed not responsive for that category.

BRAND NAME OR APPROVED EQUAL SPECIFICATIONS: Where specified, the products in this Invitation to Bid (ITB) are being bid as BRAND NAME OR APPROVED EQUAL. Bid is in accordance with the Ohio Administrative Code 123:5-1-10 (I).

FIXED-PRICE WITH ECONOMIC ADJUSTMENT: The contract price(s) will remain firm for the first twelve (12) months duration of the contract. Thereafter, the Contractor may submit a request to increase their price(s) to be effective thirty (30) calendar days after acceptance by DAS. No price adjustment will be permitted prior to the effective date of the increase received by the Contractor from his suppliers, or on purchase orders that have been filled and are awaiting shipment. If the Contractor receives orders requiring quarterly delivery, the increase will apply to all deliveries made after the effective date of the price increase.

The price increase must be supported by a general price increase in the cost of the finished supplies, due to increases in the cost of raw materials, labor, freight, Workers’ Compensation and/or Unemployment Insurance, etc. Detailed documentation, to include a comparison list of the contract items and proposed price increases, must be submitted to support the requested increase. Supportive documentation should include, but is not limited to: copies of the old and the current price lists or similar documents which indicate the original base cost of the product to the Contractor and the corresponding increase, and/or copies of correspondence sent by the Contractor's supplier on the supplier's letterhead, which contain the above price information and explains the source of the increase in such areas as raw materials, freight, fuel or labor, etc.

Should there be a decrease in the cost of the finished product due to a general decline in the market or some other factor, the Contractor is responsible to notify DAS immediately. The price decrease adjustment will be incorporated into the contract and will be effective on all purchase orders issued after the effective date of the decrease. If the price decrease is a temporary decrease, such should be noted on the invoice. If the temporary decrease is revoked, the contract pricing will be returned to the pricing in effect prior to the temporary decrease. For quarterly deliveries, any decrease will be applied to deliveries made after the effective date of the decrease. Failure to comply with this provision will be considered as a default and will be subject to the provisions of Article 6, “Contract Terms and Conditions”.


SPECIAL TERMS AND CONDITIONS (Continued)

MINIMUM ORDER: The minimum dollar value of any order placed against a contract awarded pursuant to this bid for delivery F.O.B. destination, transportation charges prepaid at any one time to one destination, shall not be less than two hundred ($200.00) dollars. Orders for less than the minimum order amount will be shipped F.O.B. destination, prepaid with actual freight charges added to the invoice. The Ohio Department of Public Safety may require an actual copy of the freight invoice to substantiate freight charged.

SPECIAL CHARGES: There shall be no assessments, up-charges, single item charges, surcharges, re-stocking fees, minimum order charges or any other charges which are not specifically authorized under any of the terms and conditions of this bid/contract or any ensuing contract awarded pursuant to this bid. The Contractor must provide merchandise/service in unit quantity(s) as indicated in this Bid and resulting Contract. State of Ohio government agencies using this contract are exempt from State of Ohio Sales Tax.

USAGE REPORTS: Annually, the awarded contractor shall submit a usage report (written or on disk or other electronic media or via Email in Excel format) summarizing sales generated by this contract for the period January 1st through December 31st. The report shall list usage by customer, by line item, showing the quantities/dollars generated by this contract. The report must be submitted annually no later than January 31st for the previous reporting period. The report shall be forwarded to the Office of Procurement Services at 4200 Surface Road, Columbus, OH 43228-1395, Attn: Walt Schneider, CPPB or via email to walter.schneider@das.ohio.gov.

SWEATSHOP FREE: By the signature affixed to this ITB, Bidder/Offeror certifies that all facilities used for the production of the supplies or performance of services offered in the bid are in compliance with applicable domestic labor, employment, health and safety, environmental and building laws. This certification applies to any and all suppliers and/or subcontractors used by the Bidder/Offeror in furnishing the supplies or services described in the bid and awarded to the Bidder/Offeror. If DAS receives a complaint alleging non-compliance with sweatshop free requirements, DAS may enlist the services of an independent monitor to investigate allegations of such non-compliance on the part of the Contractor, any sub-contractors or suppliers used by the Contractor in performance of the Contract. If allegations are proven to be accurate, the Contractor will be advised by DAS of the next course of action to resolve the complaint and the Contractor will be responsible for any costs associated with the investigation. Items that will be considered in an investigation include, but are not limited to standards for wages, occupational safety and work hours.
EXCEPTIONS: The following exceptions are granted for the custom manufactured, non-stocked items listed below:

<table>
<thead>
<tr>
<th>OAKS Item ID #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>34046</td>
<td>Male Trooper Long Sleeve Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross OH-SP-LSR or equal</td>
</tr>
<tr>
<td>34047</td>
<td>Male Trooper Long Sleeve Shirt, Neck Size 19 to 22, Flying Cross OH-SP-LSR or equal</td>
</tr>
<tr>
<td>34049</td>
<td>Female Trooper Long Sleeve Shirt, Bust Size 32 - 42, Flying Cross OHSP-LSR or equal</td>
</tr>
<tr>
<td>34050</td>
<td>Female Trooper Long Sleeve Shirt, Bust Size 44 - 52, Flying Cross OHSP-LSR or equal</td>
</tr>
<tr>
<td>34052</td>
<td>Male Trooper Short Sleeve Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross OH-SP-SS or equal</td>
</tr>
<tr>
<td>34053</td>
<td>Male Trooper Short Sleeve Shirt, Neck Size 19 to 22, Flying Cross OH-SP-SS or equal</td>
</tr>
<tr>
<td>34055</td>
<td>Female Trooper Short Sleeve Shirt, Bust Size 32 - 42, Flying Cross OHSP-LSR or equal</td>
</tr>
<tr>
<td>34056</td>
<td>Female Trooper Short Sleeve Shirt, Bust Size 44 - 52, Flying Cross OHSP-LSR or equal</td>
</tr>
<tr>
<td>34066</td>
<td>Male Dispatcher Style Long Sleeve Dress Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross OHSP315A5435</td>
</tr>
<tr>
<td>34067</td>
<td>Male Dispatcher Style Long Sleeve Dress Shirt, Neck Size 19 to 11, Flying Cross OHSP315A5435</td>
</tr>
<tr>
<td>34068</td>
<td>Male Dispatcher Style Short Sleeve Dress Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross OHSP665A5435</td>
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<tr>
<td>34069</td>
<td>Male Dispatcher Style Short Sleeve Dress Shirt, Neck Size 19 to 11, Flying Cross OHSP665A5435</td>
</tr>
<tr>
<td>34079</td>
<td>Female Dispatcher Style Long Sleeve Dress Shirt, Bust Size 28 to 42, Flying Cross OHSP239V5435</td>
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<tr>
<td>34071</td>
<td>Female Dispatcher Style Long Sleeve Dress Shirt, Bust Size 44 to 52, Flying Cross OHSP239V5435</td>
</tr>
<tr>
<td>34072</td>
<td>Female Dispatcher Style Short Sleeve Dress Shirt, Bust Size 28 to 42, Flying Cross OHSP289V5435</td>
</tr>
<tr>
<td>34073</td>
<td>Female Dispatcher Style Short Sleeve Dress Shirt, Bust Size 44 to 52, Flying Cross OHSP289V5435</td>
</tr>
<tr>
<td>34078</td>
<td>Male Trooper Gray Uniform Trouser, Waist Size 28 to 48, Unfinished Inseam (37”), Short, Regular and Athletic Rise, Fechheimer OHSPTRS02 or Equal</td>
</tr>
<tr>
<td>34080</td>
<td>Female Trooper Gray Uniform Trouser, Size 2 to 20, Unfinished Inseam (37”), Fechheimer OHSPTRSW01, or equal</td>
</tr>
</tbody>
</table>

The above items are custom manufactured by Fechheimer Brothers, Inc. only for the Ohio State Highway Patrol. They are not stock items for either Fechheimer Brothers, Inc. or Galls, LLC and are manufactured by Fechheimer Brothers, Inc. after orders are received.

1. There shall be a 90 to 120-day ARO lead time for orders for the above custom manufactured, non-stocked items.
2. There shall be 300 pieces per style order minimum for the above custom manufactured, non-stocked items.
3. Fechheimer Brothers, Inc. waives the 300 pieces per style order minimum Trooper Cadet/recruit class orders.
4. For other than Trooper Cadet/recruit class orders, Fechheimer Brothers, Inc. may waive the above piece minimum upon request by the Ohio Department of Public Safety, Ohio State Highway Patrol.
GENERAL REQUIREMENTS

I. SCOPE

The specifications below state the detailed requirements for selected uniform components, including footwear for the uniformed staff of the Ohio State Highway Patrol (OSHP) with delivery required primarily to OSHP locations in Columbus, OH and other OSHP facilities within the State of Ohio.

II. REQUIREMENTS

A. Instructions for measurements and/or applicable sizing charts shall be provided to Ohio State Highway Patrol representatives upon request.

B. Bidders must state whether they are using standard or metric system measurements in their measurement and/or sizing charts.

C. Each item shall be packaged and marked for the individual or ordering agency location as specified.

D. Where applicable all garments shall be designed to withstand institutional laundering.

E. All items shall be stamped or labeled, including care instructions where applicable, indicating size, product origin and other information pertinent to labeling laws.

F. All items shall have loose threads removed and be pressed, shaped and finished properly in accordance with industry standards.

G. All materials shall be new, unused and without flaws or defects which adversely affect appearance, durability or function.

H. Any order received pursuant to this contract that does not conform with the specifications herein for the item ordered, although accepted through oversight or otherwise, may be rejected at any time. Any part of the order found not in accordance with specifications due to the fault of the Contractor (e.g., color, defective or improper sizing), shall be altered or replaced by the Contractor at his/her expense, including all transportation costs. Any rejected item that cannot be altered to meet all terms and conditions of the specifications shall not be offered for sale to anyone else or otherwise disposed of as a wearable garment by the manufacturer without approval of the Superintendent of the State Highway Patrol.

I. Where applicable, emblems supplied by the agency shall be affixed to garments on as specified at no charge.

III. CATEGORIES

A. Category A. Uniform Garments – UNSPSC #: 53102703

<table>
<thead>
<tr>
<th>Bid Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>1A.</td>
<td>Male Trooper Long Sleeve Shirt</td>
</tr>
<tr>
<td>2A.</td>
<td>Male Trooper Long Sleeve Shirt - Made to Measure</td>
</tr>
<tr>
<td>3A.</td>
<td>Female Trooper Long Sleeve Shirt</td>
</tr>
<tr>
<td>4A.</td>
<td>Female Trooper Long Sleeve Shirt - Made to Measure</td>
</tr>
<tr>
<td>5A.</td>
<td>Male Trooper Short Sleeve Shirt</td>
</tr>
<tr>
<td>6A.</td>
<td>Male Trooper Short Sleeve Shirt - Made to Measure</td>
</tr>
<tr>
<td>7A.</td>
<td>Female Trooper Short Sleeve Shirt</td>
</tr>
<tr>
<td>8A.</td>
<td>Female Trooper Short Sleeve Shirt - Made to Measure</td>
</tr>
<tr>
<td>9A.</td>
<td>Male Police Style Blue Long Sleeve Shirt</td>
</tr>
<tr>
<td>10A.</td>
<td>Male Police Style Blue Short Sleeve Shirt</td>
</tr>
<tr>
<td>11A.</td>
<td>Female Police Style Blue Long Sleeve Shirt</td>
</tr>
<tr>
<td>12A.</td>
<td>Female Police Style Blue Short Sleeve Shirt</td>
</tr>
<tr>
<td>13A.</td>
<td>Male Dispatcher Style Long Sleeve Dress Shirt</td>
</tr>
<tr>
<td>14A.</td>
<td>Male Dispatcher Style Short Sleeve Dress Shirt</td>
</tr>
<tr>
<td>15A.</td>
<td>Female Dispatcher Style Long Sleeve Dress Shirt</td>
</tr>
<tr>
<td>16A.</td>
<td>Female Dispatcher Style Short Sleeve Dress Shirt</td>
</tr>
<tr>
<td>17A.</td>
<td>Tactical Long Sleeve Dress Shirt</td>
</tr>
</tbody>
</table>
SPECIFICATIONS

CATEGORY A. UNIFORM GARMENTS – UNSPSC #: 53102700

ITEMS 1A, 2A, 3A and 4A TROOPER LONG SLEEVE SHIRT MALE (ITEM 1A), AND FEMALE (ITEM 3A) AND MADE-TO-MEASURE (MALE 2A AND FEMALE 4A), Brand: Flying Cross OH-SP-LSR or Equal

FABRIC: Cloth shall be gray 8 - 8½ ounce 55% Dacron-polyester and 45% wool tropical worsted, Raeford Worsted Company style 571-585, or equal. All cloth must be thoroughly cold water shrunk by the vendor before being used in any garment. Before consideration will be given on another manufacturer’s cloth, the following specifications shall be met and certification by an independent testing laboratory furnished. Color must conform identically to that now in use. Cloth shall meet the following specifications:

60 “WIDE CLOTH:
1. Weight: 8 - 8½ ounce
2. Construction: 60 ends per inch - 50 picks per inch
3. Fiber Content: 55% polyester - 45% wool
4. Wool Grade: Blend of 62 - 64
5. Type Polyester: Type 64
6. Yarn Count: Not less than 2/50’s polyester and wool, warp and filling.

A maximum tolerance of 5% in ends and picks will be considered. Trim cloth shall be 8 - 8½ ounce Dacron-wool material.

STYLE: Male Long Sleeve shirts to be offered in a Regular and Slim Fit. To be Flying Cross Model OH-SP-LS. Dress style, top center placket front, Freedom collar, long sleeves with barrel cuffs, and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps.

* Item Discontinued by the Manufacturer per Amendment #4, effective 01/30/19.
COLLAR & STAND: Collar points to measure 3" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #285 Stabilized MelloPress. Stays to be 2 ¼" long, 3/8" minimum width, set on the leading edge of the collar and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/4" double needle. Collar stand to measure 1-5/16" at rear and band to be interlined with "Crease-N-Tack." Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FREEDOM COLLAR FEATURE: Material consisting of self-goods and lining material forming the neckband and the collar must be arranged with the weave thereof on a bias so that it is stretchable in the direction parallel to the circumferential direction of the collar. This expandable collar will allow for slight variations in neck size and make it easier to button because of the stretch or yield of the material.

FRONT: Shirts must be manufactured of high quality materials and manufacturing processes. A front facing is to be added to the shirt and folded back with no seam at the front edge of the shirt. The facing is to be 7/8" inches wide and extend from the collar set seam to the bottom of the shirtfront. Center plate to be faced with the same material as the shirt material, finished 1 ½" wide. The button side of the front to have eyelets for six removable buttons, with a strip of the shirt material 1" inch wide, sewn to the facing to protect the wearer from the toggles, this strip is to be open to allow the wearer access to the toggles. The protective strip is to be bartacked between each of the six metal buttons through the strip facing and shirtfront. The back edge of the strip is to be sewn down.

SHOULDER STRAPS: The shoulder strap shall be made of 8 – 8 ½ ounce black Dacron-wool tropical material. Straps to be double thickness of material, 2" inches wide at the sleeve ends tapering to 1 ¼" inches at the collar. Shoulder straps are to be ¼" inch double stitched and have a 2" inch square cross stitched at the sleeve ends and shall have an eyelet for one removable button in the center of the strap 1" inch from the collar. All edges of the straps on both shoulders to be securely sewn down. Buttons are to have pieces of cotton poplin cloth sewn to the shirt to protect the wearer from the button toggles.

LOOSE MICROPHONE AND CAMERA TAB: Each shirt shall have a loose microphone and camera tab included that may be installed by the user if needed.

WIRE PASS THROUGH OPENINGS: Each front shall have an 11/16” horizontal buttonhole to be centered vertically and horizontally between the top of the pocket and the bottom of the open flap. Each shoulder shall have an 11/16” horizontal buttonhole to be centered under the shoulder straps and sewn through the shoulder of the shirt.

POCKETS: Two pleated breast patch pockets with mitered corners and 1-1/2” stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5-7/8” wide, 6-1/2” deep. Left breast pocket to have 1-1/2” pencil stitch. Only the right pocket shall have hook Velcro, 3/4” long by ½” wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement. Right pocket shall also have a well-sewn vertical eyelet centered on the pleat to align with the buttonhole in the right flap. Left pocket and flap shall be non-functional.

FLAPS AND BADGE REINFORCEMENT: Two piece deep scalloped design to measure 6-1/8” across and 2-1/2” in depth at center point, 2-1/8” at sides. Secured to shirtfront approximately 3/8” above pocket. Right flap shall have a functional buttonhole and looped Velcro to align with the sewn eyelet and hook Velcro on the pocket. Left flap shall be non-functional (no sewn button or buttonhole) with the sides and scallops of the flap stitched closed to the pocket. Left flap to have two centered sewn round eyelets spaced 1 ¼” apart with the top eyelet ¾” down from top of flap. These eyelets serve as a badge holder. Left flap to have invisible pencil opening 1-1/2” to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/4” double needle topstitched. Flaps to have woven interlining of #550 Stabilized MelloPress. Creased and edge stitched pocket flap construction unacceptable. Under side of the right flap to have looped Velcro 3/4” long by 1/2” wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Right flap shall have a buttonhole to align with the vertical eyelet on the pocket.

SLEEVES: Sleeve vent shall be a minimum of 4-1/2” long with one-piece top and bottom facings. Facing to measure 1-1/8” wide point blocked at top.

CUFFS: Two-piece ½-inch hemmed cuff with 1/4” double needle topstitching. Cuffs to measure 2-1/2” in depth with rounded corners (barrel cuffs). Each cuff shall have one horizontal eyelet to align with the horizontal buttonhole on the opposite end. Cuffs to have woven interlining of #550 Stabilized MelloPress.

BUTTONS: First grade 21-ligne pearlescent on collar band and bottom front; all other buttonholes shall accommodate removable metal buttons.
SEWING: Collar, shoulder straps, pockets, pocket flaps, top center and cuffs to be topstitched 1/4" double needle. Sleeve inserting, and side close felling seams are to be ¼" double needle.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLININGS: Collar to be interlined with #285 Stabilized MelloPress. Cuffs, pocket flaps and top center to be interlined with #550 Stabilized MelloPress. Collar band interlining to be “Crease-N-Tack”.

MILITARY CREASES: There shall be five sharp silicone military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONVERTIBILITY: This garment shall be designed to accommodate removable metal buttons having eyelets the button front, cuffs, and shoulders. Right pocket shall have one vertical eyelet to accommodate removable metal button. There are protective pieces on the inside of the garment on the shoulders and cuffs, as well as a reinforcing strip inside the right front.

CONSTRUCTION: Collar, flaps, shoulder straps and cuffs are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the following sizes:

Sleeve lengths: 32 to 39 inches
Neck sizes: 14-1/2 to 18-1/2, 19, 20, 21, 22
Male Long Sleeve Trooper Gray Shirts will be available as Made-to-Measure for non-stock sizes at additional cost as priced.

ITEM 3A AND 4. ADDITIONAL FEMALE TROOPER LONG SLEEVE GRAY SHIRT REQUIREMENTS

STYLE: Women’s shirts will duplicate construction of the Men’s shirts but cut on female patterns and fit. Dress style, top center placket front, Freedom collar, long sleeves with barrel cuffs, and dress shirttail. Shirts shall include waist darts on each front. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps.

FEMALE REQUIRED SIZES: Shirts must be available in the following sizes:

Sleeve Lengths: 29 to 35 inches.
Bust Sizes: 32 to 52
Female Long Sleeve Trooper Gray Shirts will be available as Made-to-Measure for non-stock sizes at additional cost as priced.

ITEMS 5A, 6A, 7A, 8A TROOPER MALE (5A) AND FEMALE (7A) AND MADE-TO-MEASURE (MALE 6A AND FEMALE 8A) SHORT SLEEVE GRAY SHIRT, Brand: Flying Cross OH-SP-SS

FABRIC: Cloth shall be gray 8 - 8½ ounce 55% Dacron-polyester and 45% wool tropical worsted, Raeford Worsted Company style 571-585, or equal. All cloth must be thoroughly cold water shrunk by the vendor before being used in any garment. Before consideration will be given on another manufacturer’s cloth, the following specifications shall be met and certification by an independent testing laboratory furnished. Color must conform identically to that now in use. Cloth shall meet the following specifications:

60 "WIDE CLOTH:

1. Weight: 8 - 8½ ounce
2. Construction: 60 ends per inch - 50 picks per inch
3. Fiber Content: 55% polyester - 45% wool
4. Wool Grade: Blend of 62 - 64
5. Type Polyester: Type 64
6. Yarn Count: Not less than 2/50’s polyester and wool, warp and filling.

A maximum tolerance of 5% in ends and picks will be considered. Trim cloth shall be 8 - 8½ ounce Dacron-wool material.
STYLE: Male Short Sleeve shirts to be offered in a Regular and Slim Fit. To be Flying Cross Model OH-SP-SS. Dress style, plain revere front, Convertible sport collar, short sleeves with cufflet hem, and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps.

COLLAR: Convertible collar shall be one piece. Collar points to measure 2-3/4" long with ultrasonically fused-in Mylar stays positioned along the leading edge. Collar to have woven interlining of #285 stabilized Mello-press. Stays to be 2-1/2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Collar topstitched 1/4" double needle. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: Shirts must be manufactured of high quality materials and manufacturing processes. Shirts to be made with a sport shirtfront having turn-back facings of approximately 3" wide and sewn into the collar seam at the top. The button side of the front to have eyelets for six removable buttons, with a strip of the shirt material 1" inch wide, sewn to the facing to protect the wearer from the toggles, this strip is to be open to allow the wearer access to the toggles. The protective strip is to be bartacked between each of the six metal buttons through the strip facing and shirtfront. The back edge of the strip is to be sewn down.

SHOULDER STRAPS: The shoulder strap shall be made of 8 – 8 ½ ounce black Dacron-wool tropical material. Straps to be double thickness of material, 2" inches wide at the sleeve ends tapering to 1 ¾" inches at the collar. Shoulder straps are to be ¼" inch double stitched and have a 2" inch square cross stitched at the sleeve ends and shall have an eyelet for one removable button in the center of the strap 1" inch from the collar. All edges of the straps on both shoulders to be securely sewn down. Buttons are to have pieces of cotton poplin cloth sewn to the shirt to protect the wearer from the button toggles.

LOOSE MICROPHONE AND CAMERA TAB: Each shirt shall have a loose microphone and camera tab included that may be installed by the user if needed.

WIRE PASS THROUGH OPENINGS: Each front shall have an 11/16" horizontal buttonhole to be centered vertically and horizontally between the top of the pocket and the bottom of the open flap.

Each shoulder shall have an 11/16" horizontal buttonhole to be centered under the shoulder straps and sewn through the shoulder of the shirt.

POCKETS: Two pleated breast patch pockets with mitered corners and 1-1/2" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5-7/8" wide, 6-1/2" deep. Left breast pocket to have 1-1/2" pencil stitch. Only the right pocket shall have hook Velcro, 3/4" long by ½" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement. Right pocket shall also have a well-sewn vertical eyelet centered on the pleat to align with the buttonhole in the right flap. Left pocket and flap shall be non-functional.

FLAPS AND BADGE REINFORCEMENT: Two piece deep scalloped design to measure 6-1/8" across and 2-1/2" in depth at center point, 2-1/8" at sides. Secured to shirtfront approximately 3/8" above pocket. Right flap shall have a functional buttonhole and looped Velcro to align with the sewn eyelet and hook Velcro on the pocket. Left flap shall be non-functional (no sewn button or buttonhole) with the sides and scallops of the flap stitched closed to the pocket. Left flap to have two centered sewn round eyelets spaced 1 ¾" apart with the top eyelet ¾" down from top of flap. These eyelets serve as a badge holder. Left flap to have invisible pencil opening 1-1/2" to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/4" double needle topstitched. Flaps to have woven interlining of #550 Stabilized MelloPress. Creased and edge stitched pocket flap construction unacceptable. Under side of the right flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Right flap shall have a buttonhole to align with the vertical eyelet on the pocket.

SLEEVES: Shall be a short sleeve shirt with a 1 ¼" inch false cuffs. Cuff to be so constructed as to be part of the shirt sleeve (not a separate piece of cloth). Cuff to measure 1 ¼" inch in height.

BUTTONS: First grade 21-ligne pearlescent on collar band and bottom front; all other buttonholes shall accommodate removable metal buttons.

SEWING: Collar, shoulder straps, pockets, pocket flaps and top center to be topstitched 1/4" double needle. Sleeve inserting, and side close felling seams are to be ¼" double needle.

THREAD: All sewing threads to be color fast polyester wrap to match.
INTERLININGS: Collar to be interlined with #285 Stabilized MelloPress. Pocket flaps with #550 Stabilized MelloPress.

MILITARY CREASES: There shall be five sharp silicone military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONVERTIBILITY: This garment shall be designed to accommodate removable metal buttons having eyelets the button front, and shoulders. Right pocket shall have one vertical eyelet to accommodate removable metal button. There are protective pieces on the inside of the garment on the shoulders, as well as a reinforcing strip inside the right front.

CONSTRUCTION: Collar, flaps, and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

MALE REQUIRED STOCK SIZES: Shirts must be available in the following sizes:

Neck sizes: 14-1/2 to 18-1/2, 19, 20, 21, 22
Made to measure option based on non-standard fit sizes shall be available and shall be priced separately from stock sizes noted.

ITEMS 7A AND 8A ADDITIONAL FEMALE TROOPER GRAY SHORT SLEEVE SHIRT REQUIREMENTS

STYLE: Female shirts will duplicate construction of the male shirts but cut on female patterns and fit. Dress style, plain revere front, Convertible sport collar, short sleeves with cufflet hem, and dress shirttail. Shirts shall include waist darts on each front. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps.

FEMALE REQUIRED STOCK SIZES: Shirts must be available in the following sizes:

Bust Sizes: 32 to 52
Made to measure option based on non-standard fit sizes shall be available and shall be priced separately from stock sizes noted.

ITEM 9A, MALE POLICE STYLE BLUE LONG SLEEVE SHIRT, Brand: Flying Cross OHSP35W5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue.

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OHSP35W5435 or equivalent. Dress style, top center placket front, full cut tapered fit, banded collar, long sleeves with barrel cuffs, and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps. Full badge reinforcement. Back to have a double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR & STAND: Collar points to measure 3-1/8" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #250 Dacron. Stays to be 3" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/8" off the edge. Collar stand to measure 1-5/16" at rear and band to be interlined with "Crease N Tack." Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.
FRONT: The left front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-3/4" except the spacing between the neck button and the first button on the front, which will be approximately 3-1/4". Top center placket to have woven interlining of #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.

SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT: Two-ply sling 1" wide centered over left pocket and stitched to shoulder seam and flap setting stitch. It shall have 2 (two) buttonhole eyelets 1-1/4" from top of pocket flap spaced 1-1/4" apart and centered on sling.

POCKETS: Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5-5/8" wide, 6" deep. Left breast pocket to have 1- 1/2" pencil stitch. Each pocket to have hook Velcro, 3/4" long by ½" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

FLAPS: Two piece deep scalloped design to measure 5-7/8" across and 2-3/4" in depth at center point, 2-1/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/2" to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeve vent shall be a minimum of 4-1/2" long with one-piece top and bottom facings. Facing to measure 1-1/8" wide point blocked at top.

CUFFS: Two-piece ½-inch hemmed cuff with 1/8" topstitching. Cuffs to measure 2-1/2" in depth with rounded corners (barrel cuffs). Cuffs to have two buttons and corresponding buttonholes set vertically with one button and buttonhole in center of facing. Cuffs to have woven interlining of #250 Dacron.

BUTTONS: First grade 19-ligne pearlescent to match.

SEWING: Collar, shoulder straps, pocket flaps and cuffs to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLININGS: Collar, Cuffs, pocket flaps and top center to be interlined with #250 Dacron. Collar band interlining to be Crease N Tack.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION: Collars, flaps, shoulder straps, and cuffs are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.
STOCK SIZES: Shirts must be available from stock in the following sizes:

Sleeve lengths: 32-37 inches
Neck sizes: 14-1/2 to 18-1/2, 19, 20, 21, 22

ITEM 10A. MALE POLICE STYLE SHORT SLEEVE SHIRT. Brand: Flying Cross OHSP85R5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue.

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OHSP85R5435 or equivalent. Dress style, top center placket front, full cut tapered fit, convertible sport collar, short sleeves and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps. Full badge reinforcement. Back to have double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR: Convertible collar shall be one piece. Collar points to measure 3” long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #250 Dacron. Stays to be 2-3/4” long, 3/8” minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Topstitched 1/8” off the edge. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: Each front shall have a facing approximately 3” in width. The left front shall have a top center placket 1-1/2” wide with two rows of stitches 7/8” apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-3/4” except the spacing between the neck button and the first button on the front, which will be approximately 3-1/4”. Top center placket to have woven interlining of #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16” raised stitch. Safety stitch joining unacceptable.

SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8” topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2” at sleeve tapering to 1-3/8” and set not more than 1/2” from collar set seam. Cross-stitched approximately 2” from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT: Two-ply sling 1” wide centered over left pocket and stitched to shoulder seam and flap setting stitch. It shall have 2 (two) buttonhole eyelets 1-1/4” from top of pocket flap spaced 1-1/4” apart and centered on sling.

POCKETS: Two breast patch pockets with mitered corners and 1-1/4” stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5-5/8” wide, 6” deep. Left breast pocket to have 1- 1/2” pencil stitch. Each pocket to have hook Velcro, 3/4” long by ½” wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

FLAPS: Two piece deep scalloped design to measure 5-7/8” across and 2-3/4” in depth at center point, 2-1/4” at sides. Secured to shirtfront approximately 3/8” above pocket. Left flap to have invisible pencil opening 1-1/2” to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8” topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4” long by 1/2” wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeves are to be straight and whole and to have a ¾” hem and to finish at a minimum of 9 ½” long from shoulder seam.

BUTTONS: First grade 19-ligne pearlescent to match.
SEWING: Collar, shoulder straps and pocket flaps to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLINING: Collars, Pocket flaps and top center to be interlined with #250 Dacron.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION: Collars, flaps and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEM: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the stock following sizes:

- Neck sizes: 14-1/2 to 18-1/2, 19, 20, 21, 22

ITEM 11A. FEMALE LONG SLEEVE POLICE STYLE LONG SHIRT, Brand: Fechheimer OHSP126R5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue.

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OHSP126R5435 or equivalent. Dress style, top center placket front, full cut tapered fit, convertible sport collar, long sleeves with barrel cuffs and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched Shoulder straps. Full badge reinforcement. Back to have double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR: Collar points to measure 2-7/8" long with ultrasonically fused-in Mylar stays. Collar interlined with #250 Dacron. Stays to be 2-1/2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Topstitched 1/8" off the edge. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: Each front shall have a facing approximately 3" in width. The right front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 6 buttons and buttonholes on the front; spacing between each will be 3-1/2" except the spacing between the neck button and the first button on the front, which will be approximately 2-1/2". Top center interlined with #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.

SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT: Two-ply sling 1" wide centered over left pocket and stitched to shoulder seam and flap setting stitch. It shall have 2 (two) buttonhole eyelets 1-1/4" from top of pocket flap spaced 1-1/4" apart and centered on sling.
POCKETS: Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5" wide, 5 deep. Each pocket to have hook Velcro, 3/4" long by 1/2" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

FLAPS: Two-piece deep scalloped design to measure 5-1/4" across and 2-1/4" in depth at center point, 1-3/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/4. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeve vent shall have one-piece top and bottom facings. Facing to measure 1-1/8" wide point blocked at top.

CUFFS: Two-piece ½-inch hemmed cuff with 1/8" topstitching. Cuffs to measure 2-1/2" in depth with rounded corners (barrel). Cuff to be two-button adjustable. Cuffs to have woven interlining of #250 Dacron.

BUTTONS: First grade 19-ligne pearlescent to match.

SEWING: Collar, cuffs, shoulder straps and pocket flaps to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLINING: Collar, cuffs, Pocket flaps and top center to be interlined with #250 Dacron.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION: Collars, flaps and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the following stock sizes:

Bust Sizes 28-52

<table>
<thead>
<tr>
<th>Size</th>
<th>Long Sleeve Lengths</th>
</tr>
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<tr>
<td>48 &amp; Up</td>
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ITEM 12A. FEMALE POLICE STYLE BLUE SHORT SLEEVE SHIRT, Brand: Flying Cross OHSP176R5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue
**FABRIC FEATURE:** StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

**STYLE:** To be Flying Cross Model OHSP176R5435 or equivalent. Dress style, top center placket front, full cut tapered fit, convertible sport collar, short sleeves and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched Shoulder straps. Full badge reinforcement. Back to have double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

**COLLAR:** Collar points to measure 2-7/8" long with ultrasonically fused-in Mylar stays. Collar interlined with #250 Dacron. Stays to be 2-1/2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Topstitched 1/8" off the edge. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

**FRONT:** Each front shall have a facing approximately 3" in width. The right front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 6 buttons and buttonholes on the front; spacing between each will be 3-1/2" except the spacing between the neck button and the first button on the front, which will be approximately 2-1/2". Top center interlined with #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.

**SHOULDER STRAPS:** Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

**BADGE REINFORCEMENT:** Two-ply sling 1" wide centered over left pocket and stitched to shoulder seam and flap setting stitch. It shall have 2 (two) buttonhole eyelets 1-1/4" from top of pocket flap spaced 1-1/4" apart and centered on sling.

**POCKETS:** Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5" wide, 5 deep. Each pocket to have hook Velcro, 3/4" long by 1/2" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

**FLAPS:** Two-piece deep scalloped design to measure 5-1/4 across and 2-1/4" in depth at center point, 1-3/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/4". (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

**SLEEVES:** Sleeves are to be straight and whole and to have a ¾" hem and to finish at a minimum of 8 ½" long from shoulder seam.

**BUTTONS:** First grade 19-ligne pearlescent to match.

**SEWING:** Collar, shoulder straps and pocket flaps to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

**THREAD:** All sewing threads to be color fast polyester wrap to match.

**INTERLINING:** Collar, pocket flaps and top center to be interlined with #250 Dacron.

**MILITARY CREASES:** There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

**CONSTRUCTION:** Collar and flaps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.
EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the following sizes:

Bust Sizes 28-52.

ITEM 13A. MALE DISPATCHER STYLE LONG SLEEVE DRESS SHIRT, Brand: Flying Cross OHSP315A5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue.

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OHSP176R5435 or equivalent. Dress style, top center placket front, full cut tapered fit, banded collar, long sleeves with barrel cuffs, and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps. Back to have a double yoke of shirt material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR & STAND: Collar points to measure 3-1/8" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #250 Dacron. Stays to be 3" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/8" off the edge. Collar stand to measure 1-5/16" at rear and band to be interlined with “Crease N Tack.” Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: The left front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-¾" except the spacing between the neck button and the first button on the front, which will be approximately 3-1/4". Top center placket to have woven interlining of #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.

SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

POCKETS: Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5-5/8" wide, 6" deep. Left breast pocket to have 1- 1/2" pencil stitch. Each pocket to have hook Velcro, 3/4" long by ½" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

FLAPS: Two piece deep scalloped design to measure 5-7/8" across and 2-3/4" in depth at center point, 2-1/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/2" to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeve vent shall be a minimum of 4-1/2" long with one-piece top and bottom facings. Facing to measure 1-1/8" wide point blocked at top.

CUFFS: Two-piece ½-inch hemmed cuff with 1/8" topstitching. Cuffs to measure 2-1/2" in depth with rounded corners (barrel cuffs). Cuffs to have two buttons and corresponding buttonholes set vertically with one button and buttonhole in center of facing. Cuffs to have woven interlining of #250 Dacron.

BUTTONS: First grade 19-ligne pearlescent to match.
SEWING: Collar, shoulder straps, pocket flaps and cuffs to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLININGS: Collar, Cuffs, pocket flaps and top center to be interlined with #250 Dacron. Collar band interlining to be Crease N Tack.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION: Collars, flaps, shoulder straps, and cuffs are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEM: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available from stock in the following sizes:

- Sleeve lengths: 32-37 inches
- Neck sizes: 14-1/2 to 18-1/2, 19, 20, 21, 22

ITEM 14A. MALE DISPATCHER STYLE SHORT SLEEVE SHIRT, Brand: Flying Cross OHSP665V5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue.

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OHSP665V5435 or equivalent. Dress style, top center placket front, full cut tapered fit, convertible sport collar, short sleeves and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched shoulder straps. Back to have double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR: Convertible collar shall be one piece. Collar points to measure 3" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #250 Dacron. Stays to be 2-3/4" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Topstitched 1/8" off the edge. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: Each front shall have a facing approximately 3" in width. The left front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-3/4" except the spacing between the neck button and the first button on the front, which will be approximately 3-1/4". Top center placket to have woven interlining of #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.

SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

POCKETS: Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5-5/8" wide, 6" deep. Left breast pocket to have 1-1/2" pencil stitch. Each pocket to have hook Velcro, 3/4" long by ½" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.
FLAPS: Two piece deep scalloped design to measure 5-7/8" across and 2-3/4" in depth at center point, 2-1/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/2" to correspond precisely with pencil slot of pocket. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeves are to be straight and whole and to have a ¾" hem and to finish at a minimum of 9 ½" long from shoulder seam.

BUTTONS: First grade 19-ligne pearlescent to match.

SEWING: Collar, shoulder straps and pocket flaps to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLINING: Collars, Pocket flaps and top center to be interlined with #250 Dacron.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION: Collars, flaps and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEM: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the following sizes:

Neck sizes: 14-1/2 to 18-1/2, 19, 20, 21, 22

ITEM 15A, FEMALE DISPATCHER STYLE LONG SLEEVE SHIRT, Brand: Flying Cross OHSP239V5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue.

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OSHP239V5435 or equal. Dress style, top center placket front, full cut tapered fit, convertible sport collar, long sleeves with barrel cuffs and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched Shoulder straps. Back to have double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR: Collar points to measure 2-7/8" long with ultrasonically fused-in Mylar stays. Collar interlined with #250 Dacron. Stays to be 2-1/2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Topstitched 1/8" off the edge. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: Each front shall have a facing approximately 3" in width. The right front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 6 buttons and buttonholes on the front; spacing between each will be 3-1/2" except the spacing between the neck button and the first button on the front, which will be approximately 2-1/2". Top center interlined with #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.
SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

POCKETS: Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5" wide, 5 deep. Each pocket to have hook Velcro, 3/4" long by 1/2" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

FLAPS: Two-piece deep scalloped design to measure 5-1/4 across and 2-1/4" in depth at center point, 1-3/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/4. (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeve vent shall have one-piece top and bottom facings. Facing to measure 1-1/8" wide point blocked at top.

CUFFS: Two-piece 1/2-inch hemmed cuff with 1/8" topstitching. Cuffs to measure 2-1/2" in depth with rounded corners (barrel). Cuff to be two-button adjustable. Cuffs to have woven interlining of #250 Dacron.

BUTTONS: First grade 19-ligne pearlescent to match.

SEWING: Collar, cuffs, shoulder straps and pocket flaps to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLINING: Collars, cuffs, Pocket flaps and top center to be interlined with #250 Dacron.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.

CONSTRUCTION: Collars, flaps and shoulder straps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the following sizes:

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<thead>
<tr>
<th>Bust Sizes: 28 to 52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Sleeve Lengths:</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Size</th>
<th>Lengths</th>
<th>Lengths</th>
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<tbody>
<tr>
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<td>Regular = 30”</td>
<td>Long = 31”</td>
</tr>
<tr>
<td>32, 34</td>
<td>Regular = 31”</td>
<td>Long = 32”</td>
</tr>
<tr>
<td>36, 38</td>
<td>Regular = 32”</td>
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<td>40, 42</td>
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<tr>
<td>44, 46</td>
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<td>Long = 35”</td>
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<tr>
<td>48 &amp; Up</td>
<td>Regular = 35”</td>
<td>Long = 36”</td>
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</tbody>
</table>
ITEM 16A FEMALE DISPATCHER STYLE SHORT SLEEVE SHIRT, Brand: Flying Cross OHSP289V5435 or Equal

FABRIC: 65% Dacron Polyester / 35% Combed Cotton, 4.0 to 4.25 oz. / square yard

COLOR: Marine Blue

FABRIC FEATURE: StainSmart® effectively repels spills and releases oily and ground-in stains while machine washing. This treatment will last for the life of the garment. Fabric has 8 – 12% Stretch.

STYLE: To be Flying Cross Model OSHP289V5435 or equal. Dress style, top center placket front, full cut tapered fit, convertible sport collar, short sleeves and dress shirttail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched Shoulder straps. Back to have double yoke of shirting material. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR: Collar points to measure 2-7/8" long with ultrasonically fused-in Mylar stays. Collar interlined with #250 Dacron. Stays to be 2-1/2" long, 3/8" minimum width, and to be fused to underside of collar interlining. Stays applied directly to collar material itself unacceptable. Topstitched 1/8" off the edge. Collar material itself (top or underside) shall have no fusing to Mylar stays or collar interlining.

FRONT: Each front shall have a facing approximately 3" in width. The right front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 6 buttons and buttonholes on the front; spacing between each will be 3-1/2" except the spacing between the neck button and the first button on the front, which will be approximately 2-1/2". Top center interlined with #250 Dacron. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable.

SHOULDER STRAPS: Shoulder straps to be two-piece pointed, 1/8" topstitched and to be set on yoke with leading topstitch conforming with front joining seam. To measure 2" at sleeve tapering to 1-3/8" and set not more than 1/2" from collar set seam. Cross-stitched approximately 2" from sleeve seam. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

POCKETS: Two breast patch pockets with mitered corners and 1-1/4" stitched pleats. Pleats shall be stitched top and bottom and full length of pleat to prevent spreading. Pocket to measure 5" wide, 5 deep. Each pocket to have hook Velcro, 3/4" long by ½" wide, positioned on both edges of pocket to correspond with outer scalloped flap points as specified. Velcro to be stitched all sides and to be sewn through pocket and shirt for added reinforcement.

FLAPS: Two-piece deep scalloped design to measure 5-1/4 across and 2-1/4" in depth at center point, 1-3/4" at sides. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/4". (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/8" topstitched. Flaps to have woven interlining of #250 Dacron. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro 3/4" long by 1/2" wide stitched all sides, positioned on outer points of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on uncut sewn buttonhole.

SLEEVES: Sleeves are to be straight and whole and to have a ¾" hem and to finish at a minimum of 8 ½" long from shoulder seam.

BUTTONS: First grade 19-ligne pearlescent to match.

SEWING: Collar, shoulder straps and pocket flaps to be topstitched 1/8" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLINING: Collar, pocket flaps and top center to be interlined with #250 Dacron.

MILITARY CREASES: There shall be five stitched-in sharp military creases on all shirts. One crease on each front to be centered vertically. Front creases shall be through pockets and flaps. Spacing for three military creases across shirt back to be proportionate to the size of the shirt.
CONSTRUCTION: Collar and flaps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS: Agency will supply emblems to be sewn on by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder seam.

STOCK SIZES: Shirts must be available in the following sizes: Bust Sizes 28 to 52

ITEM 17A and 18A TACTICAL LONG (17A) AND SHORT (18A) SLEEVE DRESS SHIRT, Brand: Vertx VTX8120 (SMG, BL, MV and OD) and VTX8100 (SMB, BK, NV and OD) or Equal

FABRIC: 65% Polyester / 35% Cotton Ripstop, 5.0 oz. / linear yard

REQUIRED COLORS: Storm Gray, Olive Drab Green, Navy and Black

STYLE: Dress style, top center placket front, knit side body inserts for tapered fit, convertible sport collar, long sleeves with barrel cuffs and dress shirttail. Two front map pockets with Velcro closure and inverted pleated breast pockets with topstitched mitered flaps. Loose topstitched shoulder straps, badge tab with metal eyelets and Mic-tab. Inside yoke lined with Nylon Mesh fabric. Includes both long and short sleeve options. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR: Collar points to measure 2 ½" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #250 Dacron and Woven Fusible interlinings. Stays to be 2" long, 3/8" minimum width positioned along the leading edge of the collar and to be fused to underside of collar interlining. Topstitched 1/4" off the edge.

FRONT: Each front shall have a facing approximately 3" in width. The left front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. Stitching on the top center is not to be visible on the turn back facing. The shirt will have 7 buttons and buttonholes on the front; spacing between each will be 3-3/4" except the spacing between the neck button and the first button on the front, which will be approximately 3-1/4". Top center placket to have woven fusible interlining. Non-woven interlining unacceptable and shall be cause for rejection. The fronts shall be joined to the yoke so that both raw edges of the yoke are turned under, with the front sandwiched between, and then all three are stitched down with a 1/16" raised stitch. Safety stitch joining unacceptable. OSHP shall have the option to request a hidden zipper front closure in lieu of the button closure front. Hidden zipper will be priced as option over standard button closure.

VENTED BACK YOKE: Vented, two-ply back yoke constructed of self-goods and Nylon Mesh trim. Vents are constructed with one vertical bartack at the center back with two vertical bar-tacks equal distance from the center and spaced proportionally to the size of the shirt. Vents are open in the center and stitched closed from outer vertical bar-tacks to armhole.

MAP POCKETS: Each front shall be constructed with a map pocket design which is sewn to the shirt front with Velcro opening on each pocket near the top center placket. Map pockets extend into the sleeveing seam and side body seams.

POCKETS: Two breast patch pockets with mitered corners and 1-1/2" inverted pleats to be sewn over the map pockets. Pleats shall be stitched approximately 1" from top and bottom of pocket. Pocket to measure 5-5/8" wide, 6" deep. Left breast pocket to have 1-1/2" pencil stitch. Each pocket to have hook Velcro, 3/4" long by ½" wide, positioned on both edges of pocket to correspond with outer mitered flap edges as specified.

FLAPS: Two-piece mitered design to measure 5-7/8" across and 2-1/4" in depth at center. Secured to shirtfront approximately 3/8" above pocket. Left flap to have invisible pencil opening 1-1/2". (Stop & start stitching for pencil opening unacceptable and shall be cause for rejection.) Flaps to be 1/4" topstitched. Flaps to have woven fusible interlining. Creased and edge stitched pocket flap construction unacceptable. Under side of the flap to have looped Velcro ¾" long by ½" wide stitched on all sides, positioned on outer edges of both pocket flaps to secure with corresponding Velcro strips on shirt pocket. Each flap shall have a button centered on an uncut sewn buttonhole.

SLEEVES (Short sleeves only): Sleeve vent shall be a minimum of 5" long with top and bottom facings. Top facing to measure 1" wide point blocked at top, bottom facing to measure ½" wide.

CUFFS (Long sleeves only): Two-piece ½-inch hemmed cuff with 1/4" topstitching. Cuffs to measure 3" in depth with rounded corners (barrel cuffs). Cuffs to be two-button adjustable with two buttons and buttonholes centered on the facing. Cuffs to have woven fusible interlining.
BUTTONS: First grade 20-ligne melamine.

SEWING: Collar, shoulder straps and pocket flaps to be topstitched 1/4" off the edge. Sleeve inserting, and side close felling seams are to be safety stitched then topstitched.

THREAD: All sewing threads to be color fast polyester wrap to match.

INTERLINING: Collar interlined with #250 Dacron and woven fusible. Pocket flaps, Shoulder straps, Cuffs and top center to be interlined with woven fusible.

CONSTRUCTION: Collar, shoulder straps, cuffs and flaps are made with conventional construction. Top ply, bottom ply and interlining are first stitched together, then turned right side out and finally topstitched.

EMBLEMS AND CLOTH BADGE:
Agency will supply shoulder emblems and a cloth badge emblem to be sewn on by the manufacturer at the designated location. One shoulder emblem will be placed on each sleeve (centered) approximately 1/4" below shoulder seam. Cloth badge will be sewn on the left breast. Vendor to supply 1” by 4.75”, black Velcro strip for name tape. The Velcro strip to be sewn above the right breast pocket, loop side out.

STOCK SIZES: Shirts must be available in the following sizes in both long and short sleeve options:

Sizing: S - 5XL

Alpha Sleeve Length:

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ITEMS 19A AND 20A UNIFORM LONG (19A) AND SHORT (20A) SLEEVE POLO SHIRT, Brand: Vertx VTX4000 (Short Sleeve) and VTX4020 (Long Sleeve) or Equal

FABRICS: 100% Polyester, full dull yarn, 6.5 oz. double pique weave

FINISH: Coldblack® technology by Schooler Textiles, Antimicrobial and Moisture Wicking Finish

COLORS: Black, Navy, Red, White, Gray, Silver Tan

STYLE: The polo shall have a raglan sleeve design with gusseted inserts and two compartment pencil pockets on the left sleeve, side vents, front placket with 3 dull finish bone buttons, microphone/sunglass loop, with self-fabric collar and sleeve hem.

COLLAR: Collar is to be made from self-fabric, lined with fusing and shall have collar stays. The collar points shall measure 2¾
**GUSSET:** There shall be a 3” gusset that joins the side seam. The gusset is designed to improve mobility and fit.

**BUTTONS:** Dyed to match, dull finish bone 4-hole button, 20 ligne.

**FRONT:** Approximate 6 ¾" long x 1 ½ wide” placket, 3 buttons with fusible interlining. Placket shall have a microphone/sunglass loop located at base of placket measuring approximately 3/8” long x 1 ½” wide.

**SLEEVES:** Option shall exist for either short sleeve or long sleeve options. Pricing for both options shall be published.

**PENCIL POCKET:** Pencil pocket dimensions shall finish 1 ¾“ W x 5“ L. Seam at center to separate into two 7/8” wide pen/pencil pockets. Welt pocket opening with 1/2” Bartacks at each side.

**HEM:** There shall be a 1” hem with 2 1/2” long side vent located at hem on right and left side.

**THREAD:** All sewing threads to be colorfast polyester wrap dyed to match.

**EMBROIDERED LOGO:** Agency will have the option for a custom embroidered logo to be installed per garment. Artwork for the custom embroidered logo to be provided by Agency.

**MANUFACTURERS NECK LABELS:** Heat seal yoke label with manufacturer’s trade name and size, country of origin, content and care instructions, located in center back neck.

**CONTENT CARE LABEL:** To be sewn into side seam on wearer's left side. Label will show Care Instruction.

**REQUIRED SIZES:**

XS - 4XL

**ITEM 21A AND 22A, MALE TROOPER GRAY UNIFORM (21A) AND MADE TO MEASURE (22A) TROUSER, Brand:** Fechheimer OHSPTRS01 or Equal

**FABRIC:**

1. Content: 55% Polyester / 45% Wool
2. Weight: 14 - 14½ oz. per linear yard
3. Weave: Gabardine
4. Color: Castillio Grey

**STYLE:** Trouser shall be manufactured from an up-to-date men's uniform trouser pattern. The trouser styling shall be: plain front, two (2) side front pockets, and two (2) hip pockets professionally finished with no visible topstitching. Work wear industrial style construction is unacceptable and shall be cause for rejection. Trouser shall also have a gusseted crotch piece.

**LINING MATERIAL:** The pocketing and fly lining material shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60” width) with a minimum 78 x 48 count. Pocketing must have a durable press finish and the color of the pocketing must be black.

**WAISTBAND:** The trouser will include the Freedom Fit® with Tru-Grip waistband curtain designed to provide the wearer with maximum comfort, functionality, and professional appearance. The waistband itself shall be constructed using the "closed method" and shall measure a minimum of 1-7/8" wide when finished. The waistband closure shall be accomplished with double crush proof hook and eye centered on the waistband for maximum wearer comfort. The hook and eye shall be reinforced with 7/8-inch non-woven stay tape that is anchored with topstitching through and through to the top of the waistband (bartacks in place of topstitching shall be cause for rejection). In addition to the stitching of the waistband when it is set onto the trouser, the waistband must also be topstitched below the waistband seam through the waistband curtain for added strength. The back, center seam of the trouser to be finished to allow for alterations (with ample basic trouser fabric and waistband curtain material to allow trouser size to be increased at least one size). The outlet in the seat is to be in proportion to waist outlet so seat may also be let out. Seat seam must be sewn with a tandem needle machine (double-needle stitch) for maximum strength.
The Freedom Fit Waistband Curtain with Tru-Grip is composed with a two zone stretch feature to provide the wearer maximum comfort and security.

The top part of the waistband curtain is a lower stretch zone designed to give with the wearer’s movements including sitting or bending. This upper zone of the waistband curtain is composed of a 1-1/2-inch 30% stretch monofilament elastic that is around the entire waistband providing stability, preventing waistband rollover, and allowing for a comfort stretch with wearer movement. The specifications for the upper elastic are as follows:

- **Width:** 1-1/2-inch
- **Stretch:** 30%
- **Warp:** 150 Denier textured polyester, 21 ends
- **Filling element 1:** .011" diameter transparent type 66 Nylon, one end
- **Filling element 2:** 150 denier textured polyester, 2 ends
- **Elastomer:** 840 denier transparent spandex, 21 ends
- **Overall contents:** 59% polyester, 41% rubber.

The upper zone of the waistband curtain interlining (elastic band) is to be lined in the same color and material as the trouser pocketing and it shall be cut on a 45-degree bias to allow for maximum stretch. The waistband trouser fabric shall be cut across the cloth to allow for maximum stretch in synergy with the Freedom Fit with Tru-Grip Waistband Curtain.

The lower part or lower zone of the waistband shall be the same color as the trouser pocketing. It is designed to stretch over the hips for comfort, help keep the trouser securely positioned on the wearer’s waist, and to help prevent slippage. This lower portion of the waistband curtain is made with 65% stretch elastic. This zone also incorporates Tru-Grip, a ½" wide rubberized surface area which acts to hold the shirt in place inside the trouser to help keep shirt tails tucked into the waist for a neat and professional appearance. (Use of a single silicone strip or strips instead of ½" wide rubberized surface area shall be cause for rejection.) The specifications for the lower elastic are as follows:

- **Width:** 1-3/4-inch
- **Stretch:** 65%
- **Face:** 70/2 stretch nylon, 104 ends
- **Binder:** 150/2 textured polyester, 32 ends
- **Edge:** 70/2 stretch nylon, 11 ends
- **Figure:** 100/2 stretch nylon, 16 ends
- **Rubberized area:** 55-gauge rubber, 33 ends
- **Catch Thread:** 70/2 stretch nylon, 1 end
- **Elastomer Core:** 1680 Lycra, 38 ends
- **Elastomer top cover:** 150/1 textured polyester, 1 end
- **Elastomer bottom cover:** 100/1 bright nylon, 1 end
- **Filling:** 250 monofilament nylon, 2 ends
- **Overall contents:** 46% nylon, 15% polyester, 25% rubber, 14% spandex.

**BELT LOOPS:** There shall be a minimum of seven belt loops 3/4" in width of double thickness. Each loop must have a non-woven interlining for added durability. All loops (except back center) must be sewn into the top and bottom of the waistband ("dropped" belt loops that are tacked to the outside of the trouser all-around waist shall be cause for rejection). The top of the belt loops (except back center) shall be sewn into the waistband curtain seam with a Rocap machine using a zigzag stitch. The bottom of the center back loop shall be tacked to the trouser and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.

**FLY:** Trouser shall have a brass metal zipper with memory lock brass slider secured by metal stopper at base. There shall be a French Fly tab closure on the inside of the right fly. The tab shall be double ply made of the basic trouser fabric (tabs made of pocketing material or a "grown on" French Fly will be cause for rejection). The right fly shall be lined with the same material and color as the pocketing. The fly lining shall be sewn to the left fly continuing below the zipper into the crotch area in a neat and durable manner. A button shall be located on the left fly corresponding with the French Fly tab to provide a clean and comfortable closure. Topstitching of fly to be installed with automatic “J” stitch equipment eliminating puckering and providing a clean finish. There shall be a firm straight bartack at the bottom of the fly going through the zipper tape for maximum strength. Bartack shall line up with starting point of “J” stitch.

**STRIPE:** Trousers shall have 1 1/2" stripe to the waistband sewn into the side seam made of black (6066-11000).

**SEAT:** Seat must be sewn with a Tandem Needle Machine (double-needle stitch) for maximum durability.
POCKETS: The two side pockets will have a minimum opening of 6 1/2" and a minimum depth of 5 3/4" measured from the bottom of the pocket opening. Side pockets shall have straight bartacks at top and bottom of pocket openings. Pockets shall be constructed using the stitch, turn, and topstitch method. Pockets shall be made of the basic fabric and measure a minimum of 1 1/2" from the bottom of the pocket opening.

The two (2) hip pockets shall have a minimum 6" wide (bartack to bartack) opening and a minimum depth of 7" measured from the bottom of the pocket opening. Hip pockets shall be constructed using the double welt method on an automatic welt machine. The welts shall be finished in such a manner that there is no topstitching (topstitched hip pockets shall be cause for rejection). The corners of the hip pocket openings shall have straight bartacks for reinforcement (use of triangular bartacks shall be cause for rejection). Hip pocket facing, and barrier are to be made of basic trouser fabric. Facing shall be a minimum of 3/4" and the barrier shall be a minimum of 1-1/2". The left hip pocket shall have a buttonhole. A button shall be located below the top welt corresponding in location with the buttonhole. There shall be a dart centered above each hip pocket to waistband. Dart shall be approximately 2-3/4" long tapered from 3/8" at waistband and shall be installed with automatic equipment for a clean non-puckerized finish.

STITCHING, PRESSING & FINISHING: Trouser must be stitched with matching thread. Trouser must be neatly pressed on Hothead Presses and properly shaped. Outseams and inseams are edge serged on automatic equipment for uniformity of quality and shall be pressed open for a smooth pucker-free finish with repeated cleaning and pressing. Trouser must be oven baked after pressing. Trouser must be cleaned and finished to eliminate loose threads.

HEMMING: Manufacturer to provide option for hemming trousers to a specified inseam if requested by the Agency. Fixed amount on price to be assessed for finished inseam.

REQUIRED SIZES:

Short, Regular, and Athletic Rise.

Waist size 28 to 48
Unfinished inseam 37"
Made to measure option based on non-standard fit sizes shall be available and shall be priced separately from stock sizes noted (Bid Item 22A).

LABELS: Trouser must have a permanent label providing care instructions and small woven label indicating waist size. A removable paper ticket showing the size, fabric content, cut number, and WPL or RN number must be on the outside of the waistband. Ticket to be matchbook style installed with plastic staples for easy removal without damaging trouser material and showing size when trousers are stacked.

ITEMS 23A AND 24A, FEMALE TROOPER GRAY UNIFORM (23A) AND MADE TO MEASURE (24A) TROUSERS, Brand: Fechheimer OHSPTRSW01 or Equal

FABRIC:

1. Content: 55% Polyester / 45% Wool
2. Weight: 14 - 14½ oz. per linear yard
3. Weave: Gabardine
4. Color: Castilllo Grey

STYLE: Trouser shall be manufactured from an up-to-date female uniform trouser pattern. The trouser styling shall be: plain front, two (2) side front pockets, and two (2) hip pockets professionally finished with no visible topstitching. Work wear industrial style construction is unacceptable and shall be cause for rejection. Trouser shall also have a gusseted crotch piece.

LINING MATERIAL: The pocketing and fly lining material shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 48 count. Pocketing must have a durable press finish and the color of the pocketing must be black.
**WAISTBAND:** The trouser will include the Freedom Fit® with Tru-Grip waistband curtain designed to provide the wearer with maximum comfort, functionality, and professional appearance. The waistband itself shall be constructed using the "closed method" and shall measure a minimum of 1-7/8" wide when finished. The waistband closure shall be accomplished with double crush proof hook and eye centered on the waistband for maximum wearer comfort. The hook and eye shall be reinforced with 7/8-inch non-woven stay tape that is anchored with topstitching through and through to the top of the waistband (bartacks in place of topstitching shall be cause for rejection). In addition to the stitching of the waistband when it is set onto the trouser, the waistband must also be topstitched below the waistband seam through the waistband curtain for added strength. The back, center seam of the trouser to be finished to allow for alterations (with ample basic trouser fabric and waistband curtain material to allow trouser size to be increased at least one size). The outlet in the seat is to be in proportion to waist outlet so seat may also be let out. Seat seam must be sewn with a tandem needle machine (double-needle stitch) for maximum strength.

The Freedom Fit Waistband Curtain with Tru-Grip is composed with a two zone stretch feature to provide the wearer maximum comfort and security.

The top part of the waistband curtain is a lower stretch zone designed to give with the wearer’s movements including sitting or bending. This upper zone of the waistband curtain is composed of a 1-1/2-inch 30% stretch monofilament elastic that is around the entire waistband providing stability, preventing waistband rollover, and allowing for a comfort stretch with wearer movement. The specifications for the upper elastic are as follows:

- **Width:** 1-1/2-inch
- **Stretch:** 30%
- **Warp:** 150 Denier textured polyester, 21 ends
- **Filling element 1:** 0.11” diameter transparent type 66 Nylon, one end
- **Filling element 2:** 150 denier textured polyester, 2 ends
- **Elastomer:** 840 denier transparent spandex, 21 ends
- **Overall contents:** 59% polyester, 41% rubber.

The upper zone of the waistband curtain interlining (elastic band) is to be lined in the same color and material as the trouser pocketing and it shall be cut on a 45-degree bias to allow for maximum stretch. The waistband trouser fabric shall be cut across the cloth to allow for maximum stretch in synergy with the Freedom Fit with Tru-Grip Waistband Curtain.

The lower part or lower zone of the waistband shall be the same color as the trouser pocketing. It is designed to stretch over the hips for comfort, help keep the trouser securely positioned on the wearer’s waist, and to help prevent slippage. This lower portion of the waistband curtain is made with 65% stretch elastic. This zone also incorporates Tru-Grip, a ½” wide rubberized surface area which acts to hold the shirt in place inside the trouser to help keep shirt tails tucked into the waist for a neat and professional appearance. (Use of a single silicone strip or strips instead of ½” wide rubberized surface area shall be cause for rejection.) The specifications for the lower elastic are as follows:

- **Width:** 1-3/4-inch
- **Stretch:** 65%
- **Face:** 70/2 stretch nylon, 104 ends
- **Binder:** 150/2 textured polyester, 32 ends
- **Edge:** 70/2 stretch nylon, 11 ends
- **Figure:** 100/2 stretch nylon, 16 ends
- **Rubberized area:** 55-gauge rubber, 33 ends
- **Catch Thread:** 70/2 stretch nylon, 1 end
- **Elastomer Core:** 1680 Lycra, 38 ends
- **Elastomer top cover:** 150/1 textured polyester, 1 end
- **Elastomer bottom cover:** 100/1 bright nylon, 1 end
- **Filling:** 250 monofilament nylon, 2 ends
- **Overall contents:** 46% nylon, 15% polyester, 25% rubber, 14% spandex.

**BELT LOOPS:** There shall be a minimum of seven belt loops 3/4" in width of double thickness. Each loop must have a non-woven interlining for added durability. All loops (except back center) must be sewn into the top and bottom of the waistband ("dropped" belt loops that are tacked to the outside of the trouser all-around waist shall be cause for rejection). The top of the belt loops (except back center) shall be sewn into the waistband curtain seam with a Rocap machine using a zigzag stitch. The bottom of the center back loop shall be tacked to the trouser and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.
FLY: Trouser shall have a brass metal zipper with memory lock brass slider secured by metal stopper at base. There shall be a French Fly tab closure on the inside of the right fly. The tab shall be double ply made of the basic trouser fabric (tabs made of pocketing material or a "grown on" French Fly will be cause for rejection). The right fly shall be lined with the same material and color as the pocketing. The fly lining shall be sewn to the left fly continuing below the zipper into the crotch area in a neat and durable manner. A button shall be located on the left fly corresponding with the French Fly tab to provide a clean and comfortable closure. Topstitching of fly to be installed with automatic “J” stitch equipment eliminating puckering and providing a clean finish. There shall be a firm straight bartack at the bottom of the fly going through the zipper tape for maximum strength. Bartack shall line up with starting point of “J” stitch.

STRIPE: Trousers shall have 1 1/2" stripe to the waistband sewn into the side seam made of black (6066-11000).

SEAT: Seat must be sewn with a Tandem Needle Machine (double-needle stitch) for maximum durability.

POCKETS: The two side pockets will have a minimum opening of 6 1/2" and a minimum depth of 5 3/4" measured from the bottom of the pocket opening. Side pockets shall have straight bartacks at top and bottom of pocket openings. Pockets shall be constructed using the stitch, turn, and topstitch method. Pocket facings shall be made of the basic fabric and measure a minimum of 1 1/2" from the bottom of the pocket opening.

The two (2) hip pockets shall have a minimum 5 1/2" wide (bartack to bartack) opening and a minimum depth of 7 " measured from the bottom of the pocket opening. Hip pockets shall be constructed using the double welt method on an automatic welt machine. The welts shall be finished in such a manner that there is no topstitching (topstitched hip pockets shall be cause for rejection). The corners of the hip pocket openings shall have straight bartacks for reinforcement (use of triangular bartacks shall be cause for rejection). Hip pocket facing and barrier are to be made of basic trouser fabric. Facing shall be a minimum of 3/4" and the barrier shall be a minimum of 1-1/2". The left hip pocket shall have a buttonhole. A button shall be located below the top welt corresponding in location with the buttonhole. There shall be a dart centered above each hip pocket to waistband. Dart shall be approximately 2-3/4" long tapered from 3/8" at waistband and shall be installed with automatic equipment for a clean non-puckered finish.

STITCHING, PRESSING & FINISHING: Trouser must be stitched with matching thread. Trouser must be neatly pressed on Hothead Presses and properly shaped. Outseams and inseams are edge serged on automatic equipment for uniformity of quality and shall be pressed open for a smoothucker-free finish with repeated cleaning and pressing. Trouser must be oven baked after pressing. Trouser must be cleaned and finished to eliminate loose threads.

HEMMING: Manufacturer to provide option for hemming trousers to a specified inseam if requested by the Agency. Fixed add on price to be assessed for finished inseam.

SIZES: Trousers to be available in a modern female fit pattern.

Sizes 2 to 20
Unfinished 37" inseam
Made to measure option based on non-standard fit sizes shall be available and shall be priced separately from stock sizes noted. (Bid item 24A)

LABELS: Trouser must have a permanent label providing care instructions and small woven label indicating waist size. A removable paper ticket showing the size, fabric content, cut number, and WPL or RN number must be on the outside of the waistband. Ticket to be matchbook style installed with plastic staples for easy removal without damaging trouser material and showing size when trousers are stacked.

ITEM 25A, FEMALE BLUE TROUSERS, Brand: Fechheimer OHSP47290 or Equal.

FABRIC: Raeford 05329-0SS-2851
1. Content: 75% Polyester / 25% Wool
2. Weight: 12 oz. per linear yard
3. Weave: Serge
4. Color: LAPD Navy

STYLE: Garment shall be manufactured from an up-to-date women’s pattern for comfort and easier sizing. The trouser styling shall be T-1: plain front, two (2) quarter top front pockets, and two (2) hip pockets professionally finished with no visible topstitching. Work wear industrial style construction is unacceptable and shall be cause for rejection.
LINING MATERIAL: The pocketing and fly lining material shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 48 count. Pocketing must have a durable press finish and the color of the pocketing must be black.

FREEDOM-FLEX WAISTBAND SYSTEM: Trouser shall be made with a special Freedom-Flex Waistband System that will allow the wearer waist expansion of 2 1/2” to 3”. The waistband shall measure a minimum of 1-7/8” wide when finished. The flexible expansion split portion of the waistband shall be to the front of the trouser side seam and there shall be a ¾-inch wide side belt loop positioned to "hide" the expansion split of the waistband.

The waistband curtain shall consist of two different styles for maximum waistband expansion to enhance wearer comfort, fit, and appearance. The front of the trouser (to the expansion split) waistband curtain style shall consist of a 2-inch wide elastic section that incorporates Tru-Grip, a ¼” surface area composed of thin 55-gauge rubber for maximum comfort and performance. The Tru-Grip acts to help keep shirts tucked in securely. (Use of a single silicone strip or strips instead of ¼” wide rubberized surface area shall be cause for rejection.)

The back half of the trouser waistband curtain shall finish a minimum 2-1/8” wide and is to be made of black pocketing material and shall be attached to the top of the trouser with a zigzag stitch. The waistband curtain must also contain Tru-Grip and will line up with the Tru-Grip on the front of the expansion split. (Substitution of a silicone strip or strips in place of Tru-Grip shall not be acceptable and shall be cause for rejection.)

The waistband curtain is composed of a wet laid non-woven canvas weighing 3.3 oz. per square yard. The canvas is covered in the same color and material as the pocketing. The ½” rubberized surface area is positioned 1-¼” up from the bottom of the curtain.

The specifications for the rubberized Tru-Grip curtain are as follows:

Width: 1-1/8-inch
Warp: 300 Denier Texturized Polyester
Filling: 300 Denier Texturized Polyester
Rubber: 55 Gauge
Count: 32-36 yarns per inch
Contents: 59% Polyester/41% Rubber

To complete the Freedom-Flex Waistband System, there shall be a 1-1/4” wide elastic component sewn into the back half of the waistband curtain to allow for the stretch and recovery of the waistband to comfortably fit the wearer’s waist size. There shall be a bartack for strength and durability sewn at the stress point on the waistband where it joins the front elasticized waistband curtain joining stitching (positioned, on the waistband above the front pocket.)

The waistband closure shall be accomplished with one crush proof hook and eye centered on the waistband for wearer comfort. The hook and eye shall be reinforced with a 7/8” non-woven tape that is anchored with topstitching through and through to the top of the waistband (bartacks in place of topstitching shall be cause for rejection). In addition to the stitching of the waistband when it is set onto the trouser, the waistband must also be topstitched below the waistband seam of the trouser to be finished to allow for alterations (with ample fabric and curtain material to allow trouser size to be increased at least one size). The outlet in the seat is to be proportional to the waist outlet so the seat may also be let out. Seat seam must be sewn with a tandem needle machine (double-needle stitch) for maximum stretch.

BELT LOOPS: There shall be a minimum of seven belt loops 3/4" in width of double thickness. Each loop must have a non-woven interlining for added durability. All loops (except back center) must be sewn into the top and bottom of the waistband ("dropped" belt loops that are tacked to the outside of the trouser all-around waist shall be cause for rejection). The top of the belt loops (except back center) shall be sewn into the waistband curtain seam with a Rocap machine using a zigzag stitch. The bottom of the center back loop shall be tacked to the trouser and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.

FLY: Trouser shall have a brass metal zipper with memory lock brass slider secured by metal stopper at base. There shall be a French Fly tab closure on the inside of the right fly. The tab shall be double ply made of the basic trouser fabric (tabs made of pocketing material or a "grown on" French Fly will be cause for rejection). The right fly shall be lined with the same material and color as the pocketing. The fly lining shall be sewn to the left fly continuing below the zipper into the crotch area in a neat and durable manner. A button shall be located on the left fly corresponding with the French Fly tab to provide a clean and comfortable closure. Topstitching of fly to be installed with automatic “J” stitch equipment eliminating puckering and providing a clean finish. There shall be a firm straight bartack at the bottom of the fly going through the zipper tape for maximum strength. Bartack shall line up with starting point of "J" stitch.
SEAT: Seat must be sewn with a Tandem Needle Machine (double-needle stitch) for maximum durability.

POCKETS:
The two (2) front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 4-1/2" measured from the bottom of the opening. Front pockets to have firm straight bartacks at bottom of pocket openings. Pockets shall be constructed using the stitch, turn, and topstitch method. Front pocket facing and barrier to be made of the basic trouser fabric. Facing shall be a minimum of 1" and barrier shall measure a minimum of 2" (measured to the inside edge of pocket lining).

The two (2) hip pockets shall have a minimum 5-3/8" wide (bartack to bartack) opening and a minimum depth of 5-3/4" measured from the bottom of the pocket opening. Hip pockets shall be constructed using the double welt method on an automatic welt machine. The welts shall be finished in such a manner that there is no topstitching (topstitched hip pockets shall be cause for rejection). The corners of the hip pocket openings shall have straight bartacks for reinforcement (use of triangular bartacks shall be cause for rejection). Hip pocket facing and barrier to be made of basic trouser fabric. Facing shall be a minimum of 3/4" and the barrier shall be a minimum of 1-1/2". The left hip pocket shall have a centered tab made of basic cloth inserted into the top welt with bartacks at the top and bottom of the tab to form an opening for a button. A button shall be located below the bottom welt corresponding in location with the tab, which shall be interlined with non-woven for added durability. There shall be a dart centered above each hip pocket to waistband. Dart shall be approximately 2-3/4" long tapered from 3/8" at waistband and shall be installed with automatic equipment for a clean non-puckered finish.

CREASES: The leg creases, front and back will have a silicone bead put in by using the Lintrak process.

STITCHING, PRESSING & FINISHING: Trouser must be stitched with matching thread. Trouser must be neatly pressed on Hothead Presses and properly shaped. Outseams and inseams are edge serged on automatic equipment for uniformity of quality and shall be pressed open for a smooth pucker-free finish with repeated cleaning and pressing. Trouser must be cleaned and finished to eliminate loose threads.

HEMMING: Manufacturer to provide option for hemming trousers to a specified inseam if requested by the Agency. Fixed add on price to be assessed for finished inseam.

STOCK SIZES: Trouser must be available from stock in the following sizes:

Short Rise: 4 - 14 (even only)
Regular Rise: 2 - 26 (even only)

LABELS: Trouser must have a permanent label providing care instructions and small woven label indicating waist size. A removable paper ticket showing the size, fabric content, cut number, and WPL or RN number must be on the outside of the waistband. Ticket to be matchbook style installed with plastic staples for easy removal without damaging trouser material and showing size when trousers are stacked.

ITEM 26A, MALE BLUE TROUSER, Brand: Fechheimer OHSP47280, or Equal

FABRIC: Raeford 05329-0SS-2851

Content: 75% Polyester/25% Wool
Weight: 12 oz. per linear yard
Weave: Serge
Color: LAPD Navy

STYLE: Trouser shall be manufactured from an up-to-date men's uniform trouser pattern. The trouser styling shall be T-1: plain front, two (2) quarter top front pockets, and two (2) hip pockets professionally finished with no visible topstitching. Work wear industrial style construction is unacceptable and shall be cause for rejection.

LINING MATERIAL: The pocketing and fly lining material shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 48 count. Pocketing must have a durable press finish and the color of the pocketing must be black.
FREEDOM-FLEX WAISTBAND SYSTEM: Trouser shall be made with a special Freedom-Flex Waistband System that will allow the wearer waist expansion of 2 1/2" to 3". The waistband shall measure a minimum of 1-7/8" wide when finished. The flexible expansion split portion of the waistband shall be to the front of the trouser side seam and there shall be a ¾-inch wide side belt loop positioned to "hide" the expansion split of the waistband.

The waistband curtain shall consist of two different styles for maximum waistband expansion to enhance wearer comfort, fit, and appearance. The front of the trouser (to the expansion split) waistband curtain style shall consist of a 2-inch wide elastic section that incorporates Tru-Grip, a ½" surface area composed of thin 55-gauge rubber for maximum comfort and performance. The Tru-Grip acts to help keep shirts tucked in securely. (Use of a single silicone strip or strips instead of ½" wide rubberized surface area shall be cause for rejection.)

The back half of the trouser waistband curtain shall finish a minimum 2-1/8" wide and is to be made of black pocketing material and shall be attached to the top of the trouser with a zigzag stitch. The waistband curtain must also contain Tru-Grip and will line up with the Tru-Grip on the front of the expansion split. (Substitution of a silicone strip or strips in place of Tru-Grip shall not be acceptable and shall be cause for rejection.)

The waistband curtain is composed of a wet laid non-woven canvas weighing 3.3 oz. per square yard. The canvas is covered in the same color and material as the pocketing. The ½" rubberized surface area is positioned 1-¼" up from the bottom of the curtain.

The specifications for the rubberized Tru-Grip curtain are as follows:

- **Width:** 1-1/8-inch
- **Warp:** 300 Denier Texturized Polyester
- **Filling:** 300 Denier Texturized Polyester
- **Rubber:** 55 Gauge
- **Count:** 32-36 yarns per inch
- **Contents:** 59% Polyester/41% Rubber

To complete the Freedom-Flex Waistband System, there shall be a 1-1/4" wide elastic component sewn into the back half of the waistband curtain to allow for the stretch and recovery of the waistband to comfortably fit the wearer's waist size. There shall be a bartack for strength and durability sewn at the stress point on the waistband where it joins the front elasticized waistband curtain joining stitching (positioned, on the waistband above the front pocket.)

The waistband closure shall be accomplished with one crush proof hook and eye centered on the waistband for wearer comfort. The hook and eye shall be reinforced with a 7/8" non-woven tape that is anchored with topstitching through and through to the top of the waistband (bartacks in place of topstitching shall be cause for rejection). In addition to the stitching of the waistband when it is set onto the trouser, the waistband must also be topstitched below the waistband seam of the trouser to be finished to allow for alterations (with ample fabric and curtain material to allow trouser size to be increased at least one size). The outlet in the seat is to be proportional to the waist outlet so the seat may also be let out. Seat seam must be sewn with a tandem needle machine (double-needle stitch) for maximum stretch.

BELT LOOPS: There shall be a minimum of seven belt loops 3/4" in width of double thickness. Each loop must have a non-woven interlining for added durability. All loops (except back center) must be sewn into the top and bottom of the waistband ("dropped" belt loops that are tacked to the outside of the trouser all-around waist shall be cause for rejection). The top of the belt loops (except back center) shall be sewn into the waistband curtain seam with a Rocap machine using a zigzag stitch. The bottom of the center back loop shall be tacked to the trouser and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.

FLY: Trouser shall have a brass metal zipper with memory lock brass slider secured by metal stopper at base. There shall be a French Fly tab closure on the inside of the right fly. The tab shall be double ply made of the basic trouser fabric (tabs made of pocketing material or a "grown on" French Fly will be cause for rejection). The right fly shall be lined with the same material and color as the pocketing. The fly lining shall be sewn to the left fly continuing below the zipper into the crotch area in a neat and durable manner. A button shall be located on the left fly corresponding with the French Fly tab to provide a clean and comfortable closure. Topstitching of fly to be installed with automatic "J" stitch equipment eliminating puckering and providing a clean finish. There shall be a firm straight bartack at the bottom of the fly going through the zipper tape for maximum strength. Bartack shall line up with starting point of "J" stitch.
POCKETS: The two (2) front pockets will be quarter top style with a minimum opening of 7” and a minimum depth of 5-3/4” measured from the bottom of the opening. Front pockets to have firm straight bartacks at top and bottom of pocket openings. Pockets shall be constructed using the stitch, turn, and topstitch method. Front pocket facing and barrier to be made of the basic trouser fabric. Facing shall be a minimum of 1” and barrier shall measure a minimum of 2” (measured to the inside edge of pocket lining).

The two (2) hip pockets shall have a minimum 5-3/8” wide (bartack to bartack) opening and a minimum depth of 5-3/4” measured from the bottom of the pocket opening. Hip pockets shall be constructed using the double welt method on an automatic welt machine. The welts shall be finished in such a manner that there is no topstitching (topstitched hip pockets shall be cause for rejection). The corners of the hip pocket openings shall have straight bartacks for reinforcement (use of triangular bartacks shall be cause for rejection). Hip pocket facing and barrier are to be made of basic trouser fabric. Facing shall be a minimum of 3/4” and the barrier shall be a minimum of 1-1/2”. The left hip pocket shall have a centered tab made of basic cloth inserted into the top welt with bartacks at the top and bottom of the tab to form an opening for a button. A button shall be located below the bottom welt corresponding in location with the tab, which shall be interlined with non-woven for added durability. There shall be a dart centered above each hip pocket to waistband. Dart shall be approximately 2-3/4” long tapered from 3/8” at waistband and shall be installed with automatic equipment for a clean non-puckered finish.

The watch pocket shall be located on the right front at the waistband. This pocket shall have a minimum opening of 2-5/8” and a minimum depth of 2-7/8”. The front of the pocket shall be made of pocketing fabric and the back of the pocket shall be made of basic fabric and the two pieces are securely stitched together. Each corner of the pocket opening shall have firm straight bartacks.

SEAT: Seat must be sewn with a Tandem Needle Machine (double-needle stitch) for maximum durability.

CREASES: The leg creases, front and back will have a silicone bead put in by using the Lintrak process.

STITCHING, PRESSING & FINISHING: Trouser must be stitched with matching thread. Trouser must be neatly pressed on Hothead Presses and properly shaped. Outseams and inseams are edge serged on automatic equipment for uniformity of quality and shall be pressed open for a smooth pucker-free finish with repeated cleaning and pressing. Trouser must be cleaned and finished to eliminate loose threads.

STOCK SIZES: Trouser must be available from stock in the following sizes:

- Short Rise: 28 - 42 (even only)
- Regular Rise: 28 - 60 (even only over 38)
- LONG RISE: 32 – 48 (even only)

HEMMING: Manufacturer to provide option for hemming trousers to a specified inseam if requested by the Agency. Fixed add on price to be assessed for finished inseam.

LABELS: Trouser must have a permanent label providing care instructions and small woven label indicating waist size. A removable paper ticket showing the size, fabric content, cut number, and WPL or RN number must be on the outside of the waistband. Ticket to be matchbook style installed with plastic staples for easy removal without damaging trouser material and showing size when trousers are stacked.

ITEM 27A, MALE TACTICAL TROUSERS, Brand: Vertx VTX8600 (SMG, NV, BK and OD) or Equal

FABRIC: 65% Polyester / 35% Cotton

1. Weave: Mini Rip-Stop
2. Weight: 6.5 oz. Per square yard
3. Color: Smoke Grey, Navy, Olive Drab Green, Black, Khaki, Desert Tan

IntelliDry combines fluorochemical-based water repellency on the outside of the garment with proprietary technology for superior moisture wicking on the inside. In addition to repellency and wicking, the fabric releases oily stains in the wash. The dual-sided performance of this smart fabric is achieved through an application that uniquely balances the chemistry to obtain the differential performance.

DESIGN: Trouser shall be manufactured from a men’s uniform trouser pattern. The trouser shall incorporate two (2) front pockets with utility notch, two (2) hip pockets with flap, two (2) utility slot pockets, two (2) cargo pockets, two (2) concealed zipper pocket, gusseted crotch, hidden mag/cell phone pocket, back yoke and stretch waistband.
POCKET DESIGN: The two (2) front pockets shall be a notch style with a minimum opening of 7". Pocket facings shall be made of the shell fabric. Front pockets shall have a knife notch at the bottom of the pocket opening. There shall be a 6.5" vertical concealed pocket on a size 36 waist set into the right and left front pocket facing with a #3 invisible coil zipper. Concealed pocket shall zip closed from top to bottom. There shall be a 2 ¼" wide by 5 3/8" deep utility slot pocket set on the right and left side seam.

There shall be two (2) hip pockets with ergonomically designed rear security flaps on back pockets. These hip pockets shall measure approximately 6" wide opening with a 6 ½" deep from top of pocket opening to bottom of pocket bag.

There shall be a cargo style accessory pocket set into right and left side seam. Cargo pockets shall measure approximately 8" wide and approximately 7 ½" deep. Cargo Pocket shall be placed 3" down from bottom of side pocket. Cargo pocket shall have three (3) ½" vertical pleats on cargo pocket. Top of pocket shall be serged and turned and stitched under ¼". There shall be a pocket flap inserted at the top of the pocket

WAISTBAND: The waistband shall be 1 ½" wide with a 4” elastic gusset sewn into each side for extra comfort. The waistband shall be lined with self-goods and shall have a metal riveted button and buttonhole for closure. The waistband shall be topstitched completely around.

FLY: Trouser shall have a metal YKK # 5 locking zipper. There shall be two straight bartacks at the bottom of the fly going through the zipper tape.

KNEE PLEATS: There shall be two pleats on each knee forming an articulated knee. This will ensure total mobility with no restrictions

BELT LOOPS: There shall be a minimum of six (6) belt loops 3/4" in width and 2 ½" in length of double thickness. All loops must be bartacked to the top of the waistband and bartacked 1" below the bottom of the waistband turned and then stitched into the waistband. There shall be a double belt loop placed at the center back spaced approximately 1" apart.

PRESSING AND FINISHING: Trouser must be neatly pressed on hothead presses and properly shaped so that no crease is visible at center of leg. Trouser must be cleaned and finished in such a manner that there are no loose threads.

LABELS: Trouser must have a care label permanently affixed. A paper ticket showing the size, fabric content, cut number, and WPL number must be on the outside of the waistband.

STOCK SIZES: Trouser must be available in the following stock sizes:

Waist Sizes 28 to 32, Inseam even sizes, Even 30” to 36”
Waist Sizes 38 to 44 (even only), Inseam sizes even 30” to 36”

ITEM 28A, TROOPER MOTORCYCLE BREECHES, Brand: Fechheimer OHSPBR01, or Equal

FABRIC: Cloth shall be Castillo Gray in color, 54% Dacron Polyester, 44% Wool, 2 % Lycra, 14½ to15 ounce, 2 ply warp and filling Gabardine. Before consideration will be given to any substitute cloth, the specifications shall be met and certification by an independent testing laboratory furnished. Color shall conform identically to that now in use.

DESIGN: Breeches shall be manufactured from up-to-date patterns and shall be designed so that there will be a slight "peg" at the hip, and no baggy seat. The front shall be plain (no pleats) with side pocket openings and two (2) hip pockets. Left hip pocket shall have button and button hole with no tab. All pockets shall be bartacked with straight bartacks. Hip pockets will be of the double welt method, manufactured on Reece PW Machine, and shall be finished in such a manner that there is no top stitching. Hip pocket opening shall be approximately 6” from bar tack to bar tack, with a pocket depth of 7”. Welts shall be interlined with Pellon.

POCKETING: The pocketing shall be 70% Polyester / 30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 64 count. Pocketing must have a durable press finish and the color of the pocketing must be black.
WAISTBAND: The trouser shall be made with the waistband system, which is designed to provide the wearer with a more comfortable and better fitting trouser, i.e. Freedom Fit waistband system, Cool-flex waistband system. The waistband shall be constructed using the “closed method” and shall measure 2” wide when finished. The waistband closure shall be accomplished with two crush proof hooks and eyes. The hooks and eyes shall be reinforced with stays made of a non-woven fabric that are anchored by the topstitching for the fly facing and curtain. This topstitching must be to the top of the waistband. The waistband must be topstitched 1/16” below the waistband seam for added strength. The top portion of the inside of the waistband is to consist of the same fabric as used for pocketing (70% polyester, 30% cotton, minimum 80 x 62 (+/-) 2 count). The fabric is to be cut on the bias for maximum comfort. To be 1½” wide and to finish 1 1/8” wide after construction.

FLY LINING: The right fly shall be the same fabric and color as the waistband and pocketing. The right fly lining must be sewn to the left fly below the zipper with strong closure and smart appearance. There shall be a French Fly closure on the inside of the right fly, and the fabric for the French Fly must be the same as the outer material of the trousers.

BELT LOOPS: There shall be 7 belt loops, 3/4” wide, of double thickness, and each loop must be interlined with a non-woven fabric. All loops (except for the back, center loop) must be sewn into the bottom of the waistband, and the top of all loops shall be caught into the waistband curtain seam. The waistband shall measure approximately 2” wide when finished, wide enough to comfortably accommodate a belt 1 3/4” wide.

MISCELLANEOUS: Breeches must have a Talon #42 Memory Lock zipper, the tape of which has permanent press finish, and there shall be a bartack at the bottom of the fly, going through the zipper tape. The breeches must be seamed with matching thread and the seat seam must be stitched with a Tandem needle machine (2 threads). All exposed inside edges must be serged. Breeches to have full cavalry reinforcement cut square at the top and not to be more than 3/8” from the hip pocket. Bottoms of breeches shall have zipper closures.

STRIPE: Breeches shall have 1½” black cloth stripe (Raeford 521-561) sewn on the top of the side seam over the opening of the side pockets.

REQUIRED SIZES:
Waist Sizes: 28-40 (all), 42, 44, 46
Inseam Lengths: Short = 25” Regular = 26” Long = 28”

LABELS: Label shall be sewn on the inside left front pocket listing the waist size. Breeches must have a care label permanently affixed that also indicates the size. A paper ticket showing the size, fabric content, cut number and WPL number must be on the bottom of the right leg. Garment must be made in the United States of America and bear a union label.

Item 29A AND 30A. MALE (29A) AND FEMALE (30A) MADE TO MEASURE DRESS BLOUSE – Brand: Fechheimer Item OHSPBLS01 or Equal

GENERAL: This specification covers the cutting, making and trimming of a uniform blouse and the furnishing of all materials specified and required for a complete uniform blouse. It is distinctly understood that the maker of the blouse is to furnish all cloth, lining, buttons, cloth specified for trimmings, binding, thread and other findings referred to in this specification. Garments are to be delivered clean, well made and pressed in a workmanlike manner with no raw edges or defective stitching. Shoddy workmanship will not be accepted.

MATERIAL: Cloth is to be 16½ - 17-ounce black elastique, 55% Dacron/45% Wool, Raeford style 645-561. Before consideration will be given to another manufacturer’s cloth, the following specifications will be met and certified by an independent testing laboratory and this information will be furnished with the bid. Color must conform identically to that now in use. The cloth will meet the following specifications:
Raeford Style 645-561, 60-inch-wide cloth

Weave: Elastique
Weight: 16½ - 17 oz. on 60”
Construction: 125 ends per inch, 85 picks per inch
Content: 55% Dacron Polyester/45% Wool
Ply of Yard: 2 Ply Warp and Filling
Breaking Strength: 220 lbs. in Warp, 130 lb. in Filling

Trim cloth is to be Raeford Style 538-6348
STYLE AND CUT: Blouses are to be cut full chested, snug at waist to give military appearance. Garments will be cut to individual measurements. Four button single breasted straight front (36 ligne). Peaked lapels are to be the same as army officer’s style, bi-swing back with center vent. Blouse will be form fitting with ample flare over hips and at the bottom. Waist will be fitted so that Sam Browne belts will not wrinkle the cloth when worn. Chest will be cut easy to allow normal expansion. Front cut with step button stand. Top button will be parallel with breast pocket button. Bottom button will be directly below Sam Browne belt. Coat length not less than one inch below crotch. Center vent will be 10”. Right side of vent will have a 3" underlap to prevent gapping. Left side of vent is to be taped to prevent stretching and shall be tacked at tip with vat dyed mercerized cotton thread. Bellows both sides of back from shoulder to waistline. Bellows will measure 3" at the shoulder seam, 1½" at the waistline, tacked at the top and bottom. An elastic band not less than 2" wide will hold the bellows in place across the back.

COLLAR: Under collar is to be the same color (black) as coat. Shall be stiffened with the best quality pure linen canvas. Top collar is to be sewn to the under collar, then sewn on the coat by machine. Under collar will be felled to coat by machine. Edges will be ¼" double stitched.

POCKETS: The blouse will have two outside pockets cut square at bottom, 1½” box pleat in center of pocket. Breast pockets are to have 3-point flaps 2½” on outside points, 2½ " middle point and 2 ⅛” between points. Breast pockets will be approximately 6½” deep and 5¼” wide for the average size. The top of the breast pocket will be 1¼” above the center of the top button of the coat. Top of the lower pockets are to be in line with the center of the bottom button. Breast pockets and flaps are to be 1¼” double stitched. Two lower bellows pockets with square flaps. Lower pockets are to be 10” overall, 8” wide at openings of the pocket, 9½” at lower edge of the pocket. Lower flaps are to be 2 7/8” wide and ¼” double stitched. Lower pockets are to be lined from inside of elbows edge to the top edge of pleat at pocket openings. All pockets and flaps are to be ¼” double stitched except lower bellows. All flaps will button with 24 ligne flat Seal of Ohio buttons except the left breast pocket which is to be sewn down and have sewn eyelets for badge. Top eyelet will be ¾” from the top of pocket flap. All pocketing in coat will be black silesia and all patch pockets will be lined with same. Two inside breast pockets will be 5½” wide and 7¾” deep, reinforced with the same material as coat. NOTE: On female blouses left breast pocket will not have sewn eyelets on the pocket flap. Instead, a metal badge tab 1½” by ¾” will be sewn vertically centered above the left breast pocket secured at all four corners. The badge tab will be provided by the manufacturer.

SLEEVES: To be finished without vent. To have British cuff trim (arm slash) both sleeves made of pre-shrunk cloth as specified for trim cloth. Slash 6” long, 2½” in width at points and 2” wide at the hollow. Slash is to be sewn down. Slash to be lined and stitched double, except front edge which is to be stitched plain. Balance stitched on sleeve 1¼” from edge to give loose effect. Cuff trim (slash) will be centered on top sleeve, 3¼” from bottom edge of sleeve. Three 24 ligne flat standard Seal of Ohio buttons to be countersunk through cuff trim and each button placed one inch from front edge. Center button 3” from top; one button one inch from top edge of cuff trim, one button one inch from bottom edge of cuff trim.

SHOULDER STRAPS: To be made of cloth as specified for trim cloth. Shoulder straps to be sewn in sleeve seam and cross stitched. End of strap to extend under collar at least one inch. Straps to measure 2¼” at shoulder seam and 1¼” at buttonhole. Point of shoulder strap to be sewn down. Edges to be 1¼” double stitched. Buttonhole placed so that center of button will be ¾” from edge of the collar and visible, not hidden underneath collar.

OUTLETS: Center seam will have 1½” outlet. Side seam will have 1” outlet. Sleeves to have 2¼” outlet. All outlets will be plus 3/8” seam allowance on each side of outlet, i.e. center seam outlet over all measurement will be 2¼”. The intent of the 3/8” seam allowance is to permit the full outlet to be used.

EDGE AND SEAMS: All edges to be carefully sewn by machine. Finished edge is to be double stitched ¼”. All seams plain and pressed open on inside of coat and sleeves.

CANVAS: To be genuine hymo canvas, 7.25 ounces per square yard, containing approximately 36 picks per square inch. Hymo chest piece to extend from shoulder to armhole approximately 15 inches and then extend to the lapel. Felt padding 16 inches long stitched with no less than 22 rows of stitching. Button stay of vat dyed black silesia. There will be a stay cloth down the full length of front, starting above the first button, which will be 2½” wide of preshrunk linen, cut on the bias, and secured to the front by no less than three rows of stitching. The width of the front at the base will not be less than 7¾ inches. The front will be one piece with necessary darts so as to give complete and satisfactory shape to the garment.

LINING: Blouse to be fully lined with black 120 count first quality lining material. Basted and felled by machine. Sleeve lining sewn at top and felled at bottom. To have 2¼” outlet. Cloth sweat shields same material as coat to piped and stitched on lining.

SEWINGS: All seams, edges, buttonholes and eyelets to be sewn with vat dyed mercerized cotton thread.
**BUTTON HOLES:** To be cut after strongly made of vat dyed mercerized cotton thread. Buttonholes are to run through and through the coat and be strongly tacked.

**BUTTONS:** Flat standard Seal of Ohio, nickel or gilt as ordered. Quality buttons commercially known as first quality are to be used. To be sewn with waxed linen thread and backed with small bone button. All blouses for Colonel, Major, Captain, and Lieutenant are to have gilt buttons of the above specifications. The remainder of blouses for Patrol personnel will have nickel buttons.

**BELT HOOKS:** Black finished metal belt hook to line up with center of lower pocket flap button to be reinforced with black leather. Bottom of leather to touch top of flap.

**INSIGNIAS:** To be at the shoulder on both sleeves with the top of the insignia ¼" from and in line with the shoulder strap. The Ohio State Patrol will furnish all insignias.

**IDENTIFICATION LABEL:** Label will be sewn on the inside of the inside breast pocket listing name of officer, breast, waist, sleeve and coat length measurements. Each blouse will be identified with a temporary (paper) label on the left sleeve listing same information

**SIZE:** Made-to-Measure

**Item 31A. TROOPER UNIFORM DUTY JACKET, Brand: Fechheimer OHSP78171 or Equal**

**BASIC STYLING:** Waist length (to be worn above equipment belt), single breasted, black Gore-Tex LTD* breathable waterproof lining, removable Thinsulate body/sleeve liner, and front zipper storm front closure. Other features include a bi-swing back, raglan sleeves, sleeve zipper, pockets flaps, inverted pleated patch pockets with hand warmer openings, collar, knit wind collar, shoulder straps, badge and name tabs. Bidders offering other than the specified materials shall bid a material that meets, at a minimum, the specifications established herein and certification by an independent testing laboratory must be furnished.

**OSHP Black:** waist-length raglan sleeve jacket per the specifications listed below:

1. Outer Shell: Supplex Supreme
2. Warp: Denier Nylon
3. Filling: 3 Ply 70 Denier Nylon
4. Weight: 3.6 oz. per square yard
5. Weave: Plain
8. Abrasion: (4 lb. DIAPHRAM, 1 lb. HEAD LOAD): 300
9. Color: Black
10. Lining: Gore-Tex LTD* liner from W. L. Gore or a waterproof breathable lining conforming to the following:

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Requirement</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture Vapor</td>
<td>600 Minimum</td>
<td>ASTM E 96-80</td>
</tr>
<tr>
<td>Transmission Rate (g/m2/24 hr.) Procedure B</td>
<td>5,000 Minimum</td>
<td>ASTM E 96-80</td>
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<tr>
<td>Hydrostatic Resistance (psi)</td>
<td>90 Minimum</td>
<td>FED-STD-191A 5512</td>
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<tr>
<td>Water Permeability Initial</td>
<td>No Leakage</td>
<td>FED-STD-191A 5516</td>
</tr>
<tr>
<td>After Cold Flex</td>
<td>No Leakage</td>
<td>ASTM D 2097-69 (1980)</td>
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<tr>
<td>Warp</td>
<td>No Leakage</td>
<td>FED-STD-191A 5516</td>
</tr>
<tr>
<td>Fill</td>
<td>No Leakage</td>
<td>FED-STD-191A 5516</td>
</tr>
<tr>
<td>After 100 Hours of Continuous Wet Flex (agitation)</td>
<td>No leakage</td>
<td>AATCC 135</td>
</tr>
<tr>
<td>After Dry Cleaning</td>
<td>No Leakage</td>
<td>FED-STD-191A 5516</td>
</tr>
<tr>
<td>After Synthetic Perspiration</td>
<td>No Leakage</td>
<td>Gore QCTM 510</td>
</tr>
<tr>
<td>After Sustained Pressure</td>
<td>No Leakage</td>
<td>BS 3424: Part 26: 1990 Method 29a</td>
</tr>
<tr>
<td>After Exposure to Contamination</td>
<td>No Leakage</td>
<td>Gore QCTM 552</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BS 3424: Part 26: 1990 Method 29a</td>
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</tbody>
</table>
REMOVABLE LINER:

There shall be a zip-out insulated liner that incorporates CDS-200-3M Thinsulate Thermal Insulation in the body portion of the liner and CDS-100-3M Thinsulate Thermal Insulation in the sleeve (open armpits in the liner will not be accepted). The insulation shall be quilted to black 86 pick nylon on the face side of the liner and nylon tricot on the backing. There shall be black knit inserts placed under the arm of the liner sleeves approximately 9" in length and 3½" at widest center point for comfort and ease of movement. The liner will attach to the jacket with a grip-lock non-run zipper. Liner to include two inside pockets, one on the left side and one on the right side approximately 5½" at opening and 6¼" in depth.

Shell for Removable Liner

1. 86 Pick: 100% Nylon Taffeta
2. Weave: Plain
3. Denier: Warp-70 Fill-70
4. Weight: 1.8 oz./square yard
5. Color: Black (any other shade is cause for rejection)
6. Insulation: 3M Thinsulate, with a scrim covering front and back to prevent migration of insulation fibers. Lining must be quilted horizontally with a minimum of a 6" railroad pattern for maximum thermo retention. Excess stitching or diamond pattern stitched quilting of insulation is unacceptable.
7. Body: 3M Thinsulate CDS 200 composed of 65% Polyolefin microfibers and 35% 6 Denier Polyester staple fibers (by weight). Shall weigh approximately 200 grams/square meter horizontally quilted. The liner shall be designed to provide full coverage of upper torso front and back.

JACKET

1. Seams: All jackets seams are to be either serged and lock stitched, or safety stitched.
2. Sleeves: 3M Thinsulate CDS 100 composed of 65% Polyolefin microfibers and 35% 6 Denier Polyester staple fibers (by weight). Shall weigh approximately 100 grams/square meter horizontally quilted. The perimeter of the liner shall be bound with black nylon taffeta tape and the liner shall have a black vislon zipper track to allow the liner to zip out of the jacket. The liner sleeves will have a female snap by the in-sleeve seam no more than 1" from the end of the sleeve. Attached to the jacket in a corresponding location will be a tab made of shell material with a large male snap. The tab and snap are used to secure the liner sleeves. The use of a button and buttonhole or loop is unacceptable. Each sleeve hem must be finished with a bias tape so there are no raw edges.
3. Back: There shall be a one piece back with a bi-swing for ease of movement. The bi-swing shall be approximately 9" in length and 1½" in depth. It shall be constructed with an elasticized anchor, so the bi-swing will snap back into proper position after being extended. It shall be constructed with an elasticized anchor made of a 2" wide strip of Lycra.
4. Interlining: 100% cotton Osnaburg, 3.45 yards/lb. with maximum shrinkage of 3-4% in warp and fill. Interlining to be used in pockets flaps, shoulder straps, and storm front. The collar to be interlined with pellon.
5. Pockets/Outer: There shall be an inverted patch pocket on each front side of the jacket. Back of inverted pleated patch pocket to be fully lined. The pockets shall be approximately 7¼" wide and 8" in depth. Pockets shall be constructed with hand warmer opening on the side. The surface portion of the hand warmer pockets will be the jacket front and the top part of the pocket (the area coming in contact with the back of the user’s hand) will be black Kasha. The top and bottom of the side opening shall be securely bartacked. The patch pockets will have an opening at the top underneath the flaps. The top of each patch pocket must be bound with black nylon binding. The top entry pockets shall be made of black Kasha. The left front pocket will have a pencil compartmen opening on the inside comer of the pocket flap. The opening will be reinforced by bartacks. The pocket flaps shall have a metal snap closure system. The male portion of the snap shall be located on the underside of each flap and the female portion of the snaps be in a corresponding location on the breast pockets to provide a neat and secure closure. Each flap shall have a dummy buttonhole (centered) with a 24 ligne removable “State of Ohio” metal button (nickel or chrome colored) on top of the flap, attached with a cotter key on the bottom side of the flap.
6. Pockets/Inner: The jacket design will include two (a left and right) inside breast pockets. Each pocket shall have a minimum width of 6" and a minimum depth of 8½" (measure from the bottom of the pocket opening). The left inside pocket will incorporate a zipper closure system utilizing a 6" YKK CFC-256B2 zipper that is made with bottom stops at both ends.
7. Reflective Pocket Tabs: Hidden in the front pocket shall be a pointed 3M Scotchlite reflective tab measuring 2½" where attached to the pocket and tapering to 2¾" at the narrow end. The length shall measure approximately 6½”. The tab shall be single needle stitched and tacked at each corner. It will be tailored to give a neat finished appearance. The pocket will be fully operational.
8. Emblems: Agency will supply emblems to be sewn on jacket by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1¼" below shoulder epaulet.
9. Elastic Waistband: Separate waistband shall be elasticized back and front to the storm flap. There shall be one row of stitching one inch below the waistband seam and extending through the elastic. The elastic shall be securely tacked at each end.

8. Sleeves: Three-piece raglan style sleeves with reversible 3M Scotchlite cuffs. The top half of the cuff must be elasticized and the bottom half to close with a tab and double snap for cuff adjustment. The sleeves shall be constructed with 8" nylon CFC-256B2 zippers (black vision) on the underseams. This system (zipper) permits agency emblem attachment without puncturing the Gore-Tex by access to the shell.

9. Collar: The collar shall be produced using two plies of the shell fabric plus the interlining. All plies to be cut on bias. The interlining shall be sewn to the undercollar. The collar points shall be well shaped and symmetrical. The front storm flap shall extend to the top of the collar. Collar and collar interlining must be cut on bias. The undercollar shall have a 1" wide by 8" long piece of 3M Scotchlite sewn and centered so that the Scotchlite is hidden when collar is down.

10. ScotchLite: The Scotchlite trim shall be designed to retro-reflect at the users’ discretion, and otherwise remain hidden. The Scotchlite package will consist of a 1" strip under collar, breast pocket drops as previously specified and 1" sewn under sleeve cuff. The Scotchlite is to go completely around the cuff to include the elastic.

11. Epaulets: Jackets shall be manufactured with epaulets approximately 6" in length measuring 2 1/8" at the widest point and tapering to 1½" at the narrow end. Pointed end shall be tacked to shoulder so that a removable “Ohio State Seal” 24 ligne metal uniform button (nickel or chrome colored) can be dropped through a stitched eyelet and toggled underneath using washer and toggle. Shoulder strap to be cross stitched and sewn down.

12. Storm Flap: There shall be a double front storm flap; one on top and one under the top storm flap. The top storm flap will finish approximately 2¾" wide and will extend from the bottom of the waistband to the top of the collar point. There shall be six (6) black gun metal snaps centered down the top storm flap. The under-storm flap shall finish approximately 2" wide and will extend from the bottom of the waistband to the top of the collar point. The male portion of the snaps shall be positioned on the under-storm flap to correspond to the placement of the snaps on the top storm flap to provide a neat and secure closure. Center of snap to be plugged, concealing open portion of snap.

13. Weep Eyelets: To have black gun metal weep eyelets located at bottom of sleeve (both panels) and front & back body panels.

14. Badge Tab and Name Plate Holder: Shall be designed to be utilized without damaging the Gore-Tex. To be made of same material with two metal eyelets. The bottom of the badge tab shall be 2¾" – 2¾" centered above the left pocket flap. The bottom of badge tab to be approximately 4½" above the top of the pocket based on an X-Large jacket. Name plate holder to be centered above the right pocket flap, approximately 1" higher than the badge tab placement. Name plate holder to be stitched in center for extra support.

15. Front Zipper: The front zipper shall be heavy duty #5 vision nylon molded zipper. Zipper will extend from bottom of waistband to collar seam.

16. Knit Wind Collar: There shall be a knit wind collar of 1" x 1" ribbed spun nylon sewn into collar seam measuring 14" long by 1½" wide at the center.

17. Seam Waterproofing: All seams to be completely seam sealed with 7/8" two-layer Gore seam tape. There shall be no stitching through the LTD liner except those seams that are waterproofed. There will be metal eyelets on the sleeve bottoms and above the front and back waistband, for water drainage in laundering.

18. Size Tag and Care Instructions: The jacket shall have a sewn in label giving care instructions and a permanent woven size tag. The jacket shall also have a label indication lot number, size, fiber content, and RN number.

19. Size Range: The jacket must be available in the following sizes: Reg XS-3XL, Short S-3XL, Long S-3XL X-Long S-3XL

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WARRANTY: This garment shall carry a manufacturer’s printed warranty hang tag and is to be submitted with the bid package as well. The tag shall instruct the owner of their rights under the warranty. Manufacturer agrees to warrant to the original purchaser that the product will be free from defects in materials and workmanship for a period of three (3) years from date of purchase. This warranty also guarantees the jacket will remain waterproof for three (3) years. Should a covered product become defective during the warranty period the manufacturer agrees to repair or replace at its option any item determined to be defective and will return to purchaser at no charge. This warranty does not cover abnormal wear and tear, nor the color fastness of fluorescent fabrics, nor damage from chemicals, fire, misuse, accident or negligence. This warranty only applies to the original purchaser of the covered product and is not transferable.

LABELING: There shall be a sewn in permanent affixed label located below the inside left breast pocket of jacket outer shell. Label to include size, blank line for date of purchase and blank line for name due to three (3) year warranty term.

Item 32A. NON-SWORN BLUE UTILITY DRESS JACKET, Brand: Fechheimer OHSP78140 or Equal

OUTER SHELL:

1. Supplex Supreme Warp: 70 Denier Nylon
2. Filling: 3-ply 70 Denier Nylon
3. Weight: 3.6 oz. per square yard
4. Weave: Plain
7. Abrasion (4 lb. Diaphragm, 1 lb. Head Load): 300
8. Color: Navy

Lining: Must be Gore-Tex LTD liner from W. L. Gore.

BASIC STYLING: Waist length, single breasted navy Gore-Tex LTD breathable waterproof lining, removable Thinsulate body/sleeve liner, and front zipper storm front closure. Other features include a bi-swing back, raglan sleeves, sleeve zippers, pocket flaps, inverted pleated patch pockets with hand warmer openings, collar, knit wind collar, shoulder straps, badge tab.

There shall be a zip-out insulated liner that incorporates CDS-200 Thinsulate® Thermal Insulation in the body portion of the liner and CDS-100 Thinsulate Thermal Insulation in the sleeve (open armpits in liner will not be accepted). The insulation shall be quilted to black 86 pick nylon on the face side of the liner and nylon tricot on the backing. There shall be black knit inserts placed under the arm of the liner sleeves approximately 9" in length and 3 ½" at widest center point for comfort and ease of movement. The liner will attach to the jacket with a grip-lock non-run zipper. Liner to include two inside pockets, one on the left side and one on the right side. The two inside pockets shall measure approximately 5 1/2" at opening and 6 1/4" in depth, one on the left side and one the right side.

Shell for Removable Liner:

1. 86 pick 100% Nylon Taffeta
2. Weave: Plain
3. Denier: Warp-70 Fill-70
4. Weight: 1.8 oz. /square yard
5. Color: Black only

Insulation: 3M Thinsulate, with a scrim covering front and back to prevent migration of insulation fibers. Lining must be quilted horizontally with a minimum of a 6" railroad pattern for maximum thermo retention. Excess stitching and openings in liner cause extreme loss of body heat. (Diamond pattern stitched quilting of insulation is unacceptable).

Body: 3M Thinsulate CDS 200 composed of 65% Polyolefin microfibers and 35% 6 Denier Polyester staple fibers (by weight). Shall weigh approximately 200 grams/square meter horizontally quilted. The liner shall be designed to provide full coverage of upper torso front and back.

Sleeves: 3M Thinsulate CDS 100 composed of 65% Polyolefin microfibers and 35% 6 Denier Polyester staple fibers (by weight). Shall weigh approximately 100 grams/square meter horizontally quilted. The perimeter of the liner shall be bound with black nylon taffeta tape and the liner shall have a black vislon zipper track to allow the liner to zip out of the jacket.
The liner sleeves will have a female snap by the in-sleeve seam no more than 1" from the end of the sleeve. Attached to the jacket sleeve in a corresponding location will be a tab made of shell material with a male snap. The tab and snap are used to secure the liner sleeves - use of a button and buttonhole or loop is unacceptable. Each sleeve hem must be finished with bias tape so there are no raw edges.

Back: There shall be a one piece back with a bi-swing for ease of movement. The bi-swing shall be approximately 9" in length and 1 ½" in depth. It shall be constructed with an elasticized anchor, so the bi-swing will snap back into proper position after being extended. It shall be constructed with an elasticized anchor made of a 2" wide strip of Lycra.

Interlining: 100% Cotton Osnaburg, 3.45 yards/lb. with maximum shrinkage of 3-4% in warp and fill. Interlining to be used in pocket flaps, shoulder straps, front waistband, and storm front. Collar to be interlined with pellon.

JACKET POCKETS: There shall be an inverted lined patch pocket on each front of the jacket. Back of inverted pleated patch pocket to be fully lined. The pockets shall be approximately 7 ½" wide and 8" in depth. Pockets shall be constructed with hand warmer openings on the side. The surface portion of the hand warmer pockets will be the jacket front and the top part of the pocket (the area coming in contact with the back of the user's hand) will be black Kasha. The top and bottom of the side openings shall be securely bartacked.

The patch pockets will have an opening at the top underneath the flaps. The top of each patch pocket must be bound with black nylon binding. The top entry pockets shall be made of black Kasha.

The left front pocket will have a pencil compartment opening on the inside corner of the pocket flap. The opening will be reinforced by bartacks.

The pocket flaps shall have a metal snap closure system. The male portion of the snaps shall be located on the underside of each flap and the female portion of the snaps shall be in a corresponding location on the breast pockets to provide a neat and secure closure. Each flap shall have a dummy buttonhole with a 24 ligne removable “State of Ohio” metal button on top of the flap attached with a kotter key on the bottom side of the flap. Buttons to be supplied by successful bidder.

The jacket design will include an inside left breast pocket. The pocket shall have a minimum width of 6" and a minimum depth of 8 ¼" (measured from the bottom of the pocket opening). The inside pocket will incorporate a zipper closure system utilizing a 6" CFC-256B2 zipper that is made with bottom stops at both ends.

JACKET ELASTIC WAISTBAND: Separate waistband shall be elasticized in the back and extend to the front seam on both sides. There shall be two rows of stitching each ½" apart, centered on the waistband, and extending through the elastic. The elastic shall be securely tacked at each end. There shall be two (2) belt keeper tabs, with sewn eyelets, made of shell fabric and located approximately 2" from side seam.

JACKET SLEEVES: Three-piece, raglan style sleeves with reversible 3M Scotchlite™ cuffs. The top half of the cuff must be elasticized and the bottom half to close with a tab and double snap for cuff adjustment. The sleeves shall be constructed with 8" nylon CFC 256 B2 zippers (black vision) on the underseams. This system (zipper) permits agency emblem attachment without puncturing the Gore-Tex by access to the shell. Agency to supply shoulder patches, supplier to sew on.

JACKET COLLAR: The collar shall be produced using two plies of the shell fabric plus the interlining. All plies to be cut on bias. The interlining shall be sewn to the undercollar. The collar points shall be well shaped and symmetrical. The front storm flap shall extend to the top of the collar. Collar and collar interlining must be cut on bias. The undercollar shall have a 7/8" wide by 8 1/2" long piece of 3M Scotchlite sewn and centered so that the Scotchlite™ is hidden when collar is down.

JACKET SCOTCHLITE™ TRIM: The Scotchlite™ trim shall be designed to retro-reflect at the user's discretion, and otherwise remain hidden. The Scotchlite package will consist of a 1" strip under collar breast pocket drops and 1" strip sewn under sleeve cuff.

JACKET CUFFS: There will be a 1" wide strip of 3M Scotchlite sewn on the underside of each cuff to be visible only when cuff is rolled up for safety purposes.

JACKET EPAULETS: Jacket shall be manufactured with epaulets approximately 6" in length measuring 2 1/8" at the widest point and tapering to 13/4" at the narrow end. Pointed end shall be tacked to shoulder so that a removable "Ohio State Seal" 24 ligne metal uniform button can be dropped through a stitched eyelet and toggled underneath using washer and toggle. Shoulder strap to cross stitched and sewn down. Metal buttons to be furnished by vendor.
JACKET STORM FLAP: There shall be a double front storm flap; one on top and one under the top storm flap. The top storm flap will finish approximately 2 ¾" wide and will extend from the bottom of the waistband to the top of the collar point. There shall be six (6) black gun metal snaps centered down the top storm flap. The under-storm flap shall finish approximately 2" wide and will extend from the bottom of the waistband to the top of the collar point. The male portion of the snaps shall be positioned on the under-storm flap to correspond to the placement of the snaps on the top storm flap to provide a neat and secure closure. Center of snap to be plugged, concealing open portion of snap.

WEEP EYELETS: There shall be black metal weep eyelets located at bottom of sleeve (both panels) and front & back body panels.

BADGE TAB AND NAME PLATE HOLDER: Shall be designed to be utilized without damaging the Gore-Tex. To be made of self-material with two metal eyelets. The bottom of the badge tab shall be 2 ¼" - 2 ½" centered above the left pocket flap. Name plate holder to be centered above the right pocket flap, approximately 1" higher than the badge tab placement. Name plate holder to be stitched in center for extra support.

FRONT ZIPPER: The front zipper opening shall be accomplished with a heavy duty #5 Vislon nylon molded zipper. Zipper will extend from bottom of waistband to collar seam.

JACKET SEAMS: All jacket seams are to be either serged and lock stitched, or safety stitched.

KNIT WIND COLLAR: There shall be a knit wind collar of 1 x 1 ribbed spun nylon sewn into the collar seam - measuring 14" long by 1½" wide at the center.

EMBLEMS: Agency will supply emblems to be sewn on jacket by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4" below shoulder epaulet.

SEAM WATERPROOFING: All seams to be completely seam sealed with two-layer Gore seam tape. There shall be no stitching through the LTD liner except those seams that are waterproofed. There will be metal eyelets on the sleeve bottoms and above the front and back waistband, for water drainage in laundering.

WARRANTY: All garments shall carry a manufacturer’s printed warranty hang tag and must accompany the bid package as well. The tag shall instruct the owner of their rights under the warranty. The Limited warranty shall contain at minimum the following. Manufacturer agrees to warrant to the original purchaser that the product will be free from defects in materials and workmanship for a period of three (3) years from date of purchase. This warranty also guarantees the jacket will remain waterproof for three (3) years. Should a covered product become defective during the warranty period, simply return it to the manufacturer with dated proof of purchase. The manufacturer agrees to repair or replace at its option any item determined to be defective and will return to purchaser at no charge. This warranty does not cover abnormal wear and tear, nor the color fastness of fluorescent fabrics, nor damage from chemicals, fire, misuse, accident or negligence. The warranty applies only to the original purchaser of the covered product and is not transferable.

REQUIRED SIZES:

Regular: XS to 3XL
Short: S to 3XL
Long: S to 3XL
Extra Long: S to 3XL

Item 33A. NON-SWORN UTILITY JACKET, Brand: Fechheimer 79901GTXA or Equal

STYLE: Waist length style with a 6-snap storm flap overlapping a 2-way zipper. Side vents for access to equipment. Front and back flapped yokes to accommodate drop down panels. Utility shoulder straps. Hide-away hood.

OUTER SHELL: 100% Nylon, 3-ply Supplex, 3.7 oz. per sq. yd., with water and stain repellency, uncoated.

REQUIRED COLORS: Navy and Black as ordered
DROP LINING:

1. Constructed of waterproof, breathable, windproof 2-layer Gore-Tex®.
2. Face fabric: 100% Black Polyester.

SEAM SEALING: All seams shall be sealed with Gore-Tex® seam sealing tape to prevent leakage. All stitching through the liner shall be sealed with waterproof tape.

FACING: There shall be an inside facing of shell material with a non-woven interlining approximately 1” wide on each side. There shall be a #5 YKK Delrin zipper set between the facing and the lining to attach the removable liner.

FRONT: There shall be a double storm flap over the front zipper to ensure a waterproof front extending into the collar. The storm flap shall be lined with waterproof membrane. The storm flap shall close with six 24 ligne snaps that are not exposed to the outer portion of the storm flap. The front zipper shall be a #5 two-way YKK zipper. There shall be a yoke on each side of the front facing with nylon mesh for ventilation as well as to conceal drop down reflective panels. A zipper shall be sewn into the yoke to accommodate drop down panels.

BADGE TAB: Made from shell fabric, permanently affixed on left chest. Metal eyelets are spaced 1 ¼” center to center.

COLLAR: There shall be a two-ply collar of self-material interlining sewn to the top of collar for stability. A 7” nylon zipper shall be inserted under the collar and centered to accommodate a drop-in hood. There shall be hanger loop of self-material centered at the inside of the neckline. A snap shall be placed on the label carrier to secure the removable insulated liner.

SLEEVES: There shall be a two-piece sleeve with an articulated armhole to allow freedom of movement. Each sleeve shall have a nylon zipper positioned on the underside of the sleeve seam approximately 10” from underarm seam to allow application of patch without puncturing the membrane.

CUFFS: An adjustable, elasticized, cuff with a hook and loop tab shall be set on each. This cuff shall be made from outer-shell material.

SHOULDER UTILITY STRAP: The utility strap shall be centered on each shoulder, 2 1/4” wide, stitched into the armhole seam and neck seam. The 1 ¾” long center shall not be stitched down to the body of the coat to allow attachment of a radio microphone.

WEEP EYELETS: Shall have black metal weep eyelets located at bottom of sleeve (both panels) and front & back body panels.

POCKETS: There shall be 2 inside pockets made of self-material with zipper closure, right and left side. There shall be two, 2-way hand warmer pockets with inverted pleats, measuring approximately 7 ¼” long X 6 ½” wide with a mitered flap closure with Velcro. Left mitered pocket flap shall have a pencil opening at top with vertical bartacks at each end. The hand warmer pocket shall be lined with fleece lining and the other pockets shall be lined with interlining material. There shall be a 7 ¼” vertical pocket set between the storm flap and the hand warmer pocket.
**WAISTBAND:** There shall be a two-piece waistband made of outer-shell material with elastic. There shall be a 9 ½” zipper closure on each side of the jacket to accommodate equipment with elastic tabs and snap closure.

**BACK:** The back shall have a rain shed yoke lined with waterproof, breathable membrane and faced with a nylon mesh. The yoke shall have a permanent zipper inserted to accommodate drop down panels.

**HOOD:** There shall a 3-piece hood lined with waterproof membrane. The hood shall drop into the collar opening and concealed with a zipper closure.

**FINISHING & PRESSING:** The entire jacket must be made in a first-quality manner - work clothes type jackets will not be acceptable. All loose threads must be removed.

**EMBLEMS:** Agency will supply emblems to be sewn on jacket by the manufacturer at the designated location. Will be placed on each sleeve (centered) approximately 1/4” below shoulder epaulet.

**SIZE TAG, CARE INSTRUCTIONS AND CONTENT LABELS:** The jacket shall have a sewn in label giving care instructions and a permanent woven size tag. The jacket shall also have a label indication lot number, size, fiber content, and RN number.

**REQUIRED SIZES:**
- Short: XS – 4XL
- Regular: XS – 6XL
- Long: Med – 6XL

**ITEM 34A. REVERSIBLE HIGH-VISIBILITY JACKET,** Brand: Fechheimer 73160A and 73161A or Equal

**FABRIC:** Outer Shell shall be 100% nylon 3-ply Supplex.

**REQUIRED COLORS:** Outer Shell, LAPD Navy or Black as ordered.

**LINING (REVERSIBLE SIDE):** 100% Polyester high-visibility fluorescent yellow.

**BASIC DESIGN:** Jacket shall have a windproof, waterproof, and breathable membrane with all seams properly sealed and shall meet ANSI 2 standard. It shall be full cut with a butted reversible Vislon zipper to the top of collar with buttoned down storm flap. Jacket shall have a separate waistband, elasticized across the back, and side zippers with elasticized tabs. Jacket to have one-piece back, dual entry inverted pleat patch pockets with pointed flaps and permanent shoulder straps (on LAPD Navy side of coat only). Badge tabs fabric/color coordinated on both sides.

**COLLAR AND COLLAR STAND:** Jacket construction must incorporate a collar stand, as this feature is critical to overall appearance of the garment. The permanent collar and collar stand shall be made of two plies of the basic fabric plus the interlining. The interlining shall be sewn to the under collar and the under-collar stand. The collar points shall be well shaped and symmetrical. The collar shall be top stitched with collar points long enough for a neat appearance. Collar facing to extend to top edge of upper reflective stripe on the fluorescent yellow side. Jacket shall have a ¾” wide by 2 ½” snap loop tab into center back collar seam (on fluorescent yellow side only) for attaching liner.

**BODY DESIGN:** The jacket shall be full cut, waist length, with Vislon reversible zipper to top of collar. Collar to have collar stand. The fronts shall be plain with patch pockets measuring approximately 7” wide by 7 ½” deep with top edge of pocket turned in and finished approximately ¼” so there are no raw edges. Inverted pleat shall be approximately 1” wide. Pleat shall be sewn to open approximately 5”. Side opening of pocket shall be approximately 5 ½” to allow access to the hand warmer compartment/pocket. Flap to measure approximately 7 ¼” across, 2” at each side, and 2 5/8” at center point where there shall be a horizontally positioned dummy buttonhole to accommodate a metal button. Flap and pocket to have Velcro at each end to close separate top opening compartment/pocket. Left pocket flap to have hidden pen opening on left side approximately 1” wide, bartacked at each side. There shall be 4 weep holes (metal eyelets) on LAPD Navy side, at front and back of jacket, both sides, approximately 1” from side zippered vents.

**WAISTBAND:** Separate waistband shall measure 2-1/4”, plain across the front, elasticized (shirred) across the back with two rows of stitching through the center. Side zipper vents shall be butted and finish approximately 9-1/2” long. Zipper to be nylon reversible. Elasticized tab shall be approximately 3-1/2” long by 1” wide and snap on front of jacket with black scratch proof snaps. An additional scratch proof snap shall be positioned approximately 2” towards back of jacket waistband to hold tab in place if not utilized by wearer.
SLEEVES: Sleeves shall be a 1-piece sleeve to improve comfort and ease of movement. There shall be a 10” nylon zipper (on LAPD Navy side) on the underside of the sleeve to allow for access inside coat for emblem sewing. The bottom of the sleeve shall have a 2 ¼” cuff, elasticized (shirred with 2 rows of stitching) across the back, with 1 ½” wide by 2 ¾” long tab on front side of cuff with Velcro for adjustable closure. Loop side of Velcro on cuff shall be approximately 5” long by 1” wide and to attach to hook side of Velcro on bottom side of tab approximately 1-1/2” long by 1” wide. There shall be two weep holes (metal eyelets) spaced approximately 1” from cuff on front and back sides of sleeves. Jacket shall have a ¾” wide by 2 ¼” snap loop tab into sleeve seam (on fluorescent yellow side only) approximately 1 ¼” from top of cuff for attaching liner.

SHOULDER STRAPS: To be approximately 1-3/4” wide tapering slightly to a point, cross stitched, and permanently inserted into armhole (on LAPD Navy side of coat only). Pointed end of shoulder strap to be tacked in place. There shall be a horizontally positioned dummy buttonhole to accommodate a metal button.

SILVER REFLECTIVE TAPE (REVERSIBLE LINING SIDE): ANSI 2 standard silver reflective tape shall be placed on the fluorescent yellow side of jacket. All silver reflective tape to be 2” wide with Black edge. There shall be two rows on body of coat and sleeves. The top row on the body of coat to be positioned approximately 1” down from armhole and bottom row to be up approximately 1” from waistband and shall continue around back of jacket with stripes on back lining up with stripes on front. Sleeves to also have two rows of reflective tape positioned so that top row is approximately 5” down from armhole and bottom row to be approximately 4” from cuff. Tape on sleeves to line up at sleeve seams. Both rows of reflective tape on body shall line up at butted front zipper closure. OSHP shall have the option to request reflective block lettering to read “TROOPER” between the two rows of reflective tape.

BADGE TAB(S): Both sides of jacket to have badge tab coordinating with color/fabric. To be positioned on left breast measuring 2-1/2” long by 1” wide with 2 metal eyelets 1-1/4” apart, center to center.

INTERLININGS: Front opening, collar, pocket flaps, cuffs, shoulder straps, storm flap and waistband to be interlined with pellon.

FINISHING & PRESSING: The entire jacket must be made in a first-class manner. Industrial construction will not be acceptable. All loose threads must be removed, and jacket must be completely pressed with proper pressing equipment and properly shaped.

EMBLEMS: Agency will supply emblems to be sewn on jacket by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4” below shoulder epaulet.

REQUIRED SIZES: Must be available from stock in the following sizes:

- Short – XS to 4XL
- Regular – XS to 6XL
- Long – Med to 6XL
- Extra Long – Large to 4XL

STOCK PRODUCT: To insure availability of style and color for the purpose of maintaining uniformity for future needs, bidders must provide evidence in the form of catalogs or product guides that this item is currently available on an “as needed” basis.

ITEM 35A. SOFT SHELL JACKET, Brand: Fechheimer Item 54100A and 54105A or Equal

FABRIC AND COLOR: The shell fabric shall be 88% Polyester/12% Spandex with a DWR finish bonded to micro polyester, 10 oz. per sq. yd. Color options: Black, LAPD Blue, and Olive Drab Green.

STYLE: The jacket shall be manufactured from new up-to-date pattern with an articulated sleeve, gusseted underarms and mandarin style collar. The jacket shall have two (2) upper napoleon pockets and two (2) lower vertical pockets with exposed zippers. There shall be (2) side zippers with adjustable snap closure and adjustable draw cord. Sleeve cuff has partial Nylon Spandex for a comfort fit. Jacket is designed so loops at back sleeve cuff seam and outside neck seam coordinate with snap tabs on the Reversible High Visibility Jacket and the Civilian Utility Jacket. The softshell jacket shall also serve as a zip in inner liner for these jackets.

POCKET LINING SLEEVE LINING: The upper napoleon pocket and lower vertical pocket lining shall extend from the hem to the chest and from the side seam to the front zipper edge. Pocket lining shall consist of a mesh material for better breathability. The lining shall extend across the back yoke and down the top sleeve. The lining for the under sleeve shall be constructed of micro fleece material.
**COLLAR:** The jacket collar shall be a mandarin style with the front zip extending to the top of the collar allowing it to fully close. The inner collar shall be lined with micro fleece.

**ZIPPERS:** The center front zipper shall be an YKK™® #5 Vislon. Pocket zippers shall be a YKK #5 concealed coil zipper with matching pull slide. A zipper “garage” shall be located at top of each zipper. There shall be (2) 10” coil side zippers with zipper welt and adjustable elastic tab and snap closure.

**HEM DRAWCORD:** There shall be draw-cord located in the hem of the back panel. The draw-cord shall have barrel locks and a cloth loop to secure the draw-cord to the jacket.

**BADGE, EPAULETS AND MICROPHONE HANGER:** There shall be (1) badge tab 2 ¼” L X ¾” W with (2) metal eyelets spaced 1¼” apart center to center installed on the left breast. There shall be shoulder epaulets installed on both shoulders in traditional military fashion. There shall be (2) microphone tabs 1 ¾” L X ½” W. They shall be supplied with the jacket, placed in one of the lower vertical pockets.

**CONSTRUCTION:** Stitching - The jacket shall be constructed using a serge and top stitch method. Stitching shall be 10 to 12 Stitches per Inch for increased durability.

1. **Reinforcements –** Snaps shall consist of 24L plain nylon cap and socket. Studs shall consist of 20L plain metal cap and stud.

**EMBLEMS:** Agency will supply emblems to be sewn on jacket by the manufacturer at the designated location. One will be placed on each sleeve (centered) approximately 1/4” below shoulder epaulet.

**STOCK SIZES:** Jacket is available from stock in the following sizes:

| Regular Length | XS – 6XL |
| Long Length   | M– 6XL   |
CATEGORY B. FOOTWEAR – UNSPSC #: 53110000

ITEMS 1B AND 2B MALE AND FEMALE ATHLETIC OXFORD, Brand: Thorogood 834-6905 (male) and 534-6905 (female) or Equal.

DESCRIPTION: Footwear must meet Made in USA requirement for full grain leather oxford.

DESIGN: Features shall include oil, abrasion and slip resisting characteristics.

CONSTRUCTION: Direct injection dual density polyurethane

UPPER FITTING: All upper fitting shall be 8-10 stitches per inch, B69 nylon thread single and double needle.

LEATHER: Black full grain leather.

LINING: Durable comfort weave to wick away moisture

INSOLE: Removable comfort 120 polyurethane foot bed

OUTSOLE: Soft street dual density polyurethane

COUNTER: Thermo formed counter providing greater heel stability and comfort.


REQUIRED SIZES:

Male Sizes:
Medium Width, Sizes: 7 – 12 (full and half sizes), 13, 14 (full sizes)
Wide Width, Sizes: 7 – 12. (full and half sizes) 13, 14 (full sizes)
Extra Wide Width, Sizes: 7 – 12 (full and half sizes), 13 (full size)

Female Sizes:
Medium Width, Sizes: 6 – 11
Wide Width, Sizes: 6 – 11

ITEM 3B MALE BUCKLE CHUKKA DRESS SHOE, Brand: Thorogood 834-6845 or Equal

GENERAL DESCRIPTION Buckle chukka dress shoe in high shine black leather. “Made in USA”

DESIGN: This footwear is designed for personnel who require superior comfort and support. Sole performance features include a flexible and durable design with oil, abrasion and slip resisting characteristics.

CONSTRUCTION – Goodyear Welt

UPPER FITTING: All upper fitting is 8-10 stitches per inch, B69 nylon thread single and double needle.

LEATHER: Black smooth high shine leather.

LINING: Durable Comfort weave to wick away moisture.

BUCKLE: 7/8” black buckle closure (no laces)

SHANK: Fiberglass

MIDSOLE: Rubber

INSOLE: Removable Ultimate dual density polyurethane foot bed

OUTSOLE: Slip resisting polyurethane Uniform
COUNTER: Thermo formed counter providing greater heel stability and comfort.


REQUIRED SIZES AND WIDTHS:

Men’s Sizes:

Narrow: Width Sizes 5 to 12 (full and half sizes), 13, 14, 15 (full size)
Medium Width Sizes 5 to 12 (full and half sizes), 13, 14, 15 (full size)
Wide Width Sizes 4 to 12 (full and half sizes), 13, 14, 15 (full size)
Extra Wide Width Sizes 5 to 12 (full and half sizes), 13, 14, 15 (full size)

ITEMS 4B AND 5B MALE (4B) AND FEMALE (5B) ATHLETIC CHUKKA, Brand: Thorogood 834-6906 (male) and 534-6906 (female) or Equal

DESCRIPTION: Made in USA black chukka in full grain leather.

DESIGN: Sole performance features shall include oil, abrasion and slip resisting characteristics.

CONSTRUCTION: Direct Injection Dual Density Polyurethane

UPPER FITTING: All upper fitting is 8-10 stitches per inch, B69 nylon thread single and double needle. This allows for a more durable construction.

LEATHER: Black full grain leather.

LINING: Durable Comfort weave to wick away moisture

INSOLE: Removable Comfort 120 polyurethane foot bed

OUTSOLE: Soft Street Dual Density Polyurethane

COUNTER: Thermo formed counter.


REQUIRED SIZES:

Male Sizes:

Medium Width, Sizes: 7 – 12 (full and half sizes), 13, 14 (full sizes)
Wide Width, Sizes: 7 – 12 (full and half sizes), 13, 14 (full sizes)
Extra Wide Width, Sizes: 7 – 12 (full and half sizes), 13 (full size)

Female Sizes:

Medium Width, Sizes: 6 – 11 (full and half sizes)
Wide Width, Sizes: 6 – 11 (full and half sizes)

ITEM 6B, FOUL WEATHER WATERPROOF BOOT, Brand: Thorogood 834-6805 or Equal

DESCRIPTION AND DESIGN: Insulated, waterproof, 8” boot in full grain leather and 1000 denier Cordura. made in the USA.

CONSTRUCTION: Direct injection dual density polyurethane

UPPER FITTING: All upper fitting is 8-10 stitches per inch, B69 nylon thread single and double needle. This allows for a more durable construction.

LEATHER: Black full grain waterproof leather.
COUNTER: Thermo formed counter providing greater heel stability and comfort.

LINING: Durable Comfort weave with Sympatex waterproof membrane to wick away moisture.

INSULATION: 400 grams Thinsulate™

SHANK: Fiberglass

INSOLE: Removable comfort 120 polyurethane foot bed

OUTSOLE: Soft street dual density polyurethane, oil, abrasion and slip resistant

COUNTER: Thermo formed counter providing greater heel stability and comfort.


REQUIRED SIZES:

Men's Sizes:
Medium Width, Sizes: 7 to 12 (full and half sizes), 13, 14, 15 (full sizes)
Wide Width, Sizes: 7 to 12 (full and half sizes), 13, 14, 15 (full sizes)
Extra Wide Width, Sizes: 7 – 12 (full and half sizes), 13, 14, 15 (full size)

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## CONTRACT PRICES

**CATEGORY A. UNIFORM GARMENTS - UNSPSC #: 53102700, CONTRACTOR: GALLS, LLC, OAKS SUPPLIER # 0000007736**

<table>
<thead>
<tr>
<th>OAKS Item #</th>
<th>Item Description</th>
<th>Unit of Measure (UoM)</th>
<th>Manufacturer</th>
<th>Item/Style #</th>
<th>Bid Price ($USD) Per UoM</th>
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<tbody>
<tr>
<td>34046</td>
<td>Male Trooper Long Sleeve Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross OH- SP-LSR or equal</td>
<td>Ea.</td>
<td>Flying Cross</td>
<td>OHSPLSR</td>
<td>$72.70</td>
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<td>34047</td>
<td>Male Trooper Long Sleeve Shirt Neck Size 19 to 22 Flying Cross OH-SP-SLR or equal</td>
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<td>Flying Cross</td>
<td>OHSPLSR</td>
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<td>34048</td>
<td>Male Trooper Long Sleeve Shirt - Made-to-Measure, Flying Cross OH-SP-LSR or equal</td>
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<tr>
<td>34049</td>
<td>Female Trooper Long Sleeve Shirt, Bust Size 32 - 42 Flying Cross OH-SP-LSR or equal</td>
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<td>Flying Cross</td>
<td>OHSPLSR</td>
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<td>34050</td>
<td>Female Trooper Long Sleeve Shirt, Bust Size 44 - 52, Flying Cross OH-SP-LSR or equal</td>
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<td>Flying Cross</td>
<td>OHSPLSR</td>
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<td>34051</td>
<td>Female Trooper Long Sleeve Shirt, Made-to-Measure, Flying Cross OH-SP-LSR or equal</td>
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<td>34053</td>
<td>Male Trooper Short Sleeve Shirt, Neck Size 19 to 22 Flying Cross OH-SP-SS or equal</td>
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<td>Female Trooper Short Sleeve Shirt, Bust Size 32 to 42, Flying Cross OH-SP-SS, or equal</td>
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<td>OHSPPS</td>
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<td>Female Trooper Short Sleeve Shirt, Bust Size 44 to 52, Flying Cross OH-SP-SS, or equal</td>
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<td>34058</td>
<td>Male Police Style Blue Long Sleeve Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross OSHP35W5435 or equal</td>
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<td>Flying Cross</td>
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<td>OAKS Item #</td>
<td>Item Description</td>
<td>Unit of Measure (UoM)</td>
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<td>Bid Price ($USD) Per UoM</td>
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<td>Male Police Style Blue Long Sleeve Shirt, Size 19 to 22, Flying Cross</td>
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<td>34060</td>
<td>Male Police Style Blue Short Sleeve Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross</td>
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<td>34061</td>
<td>Male Police Style Short Sleeve Shirt, Neck Size 19 to 22, Flying Cross</td>
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<td>Flying Cross</td>
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<td>34062</td>
<td>Female Police Style Blue Long Sleeve Shirt, Bust Size 28 to 42, Flying Cross</td>
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<td>Female Police Style Blue Long Sleeve Shirt, Bust Size 44 to 52, Flying Cross</td>
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<td>Female Police Style Blue Short Sleeve Shirt, Bust Size 28 to 42, Flying Cross</td>
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<td>Flying Cross</td>
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<td>34065</td>
<td>Female Police Style Blue Short Sleeve Shirt, Bust Size 44 to 52, Flying Cross</td>
<td>Ea.</td>
<td>Flying Cross</td>
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<tr>
<td>34066</td>
<td>Male Dispatcher Style Long Sleeve Dress Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross</td>
<td>Ea.</td>
<td>Flying Cross</td>
<td>315A5435</td>
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<td>34068</td>
<td>Male Dispatcher Style Short Sleeve Dress Shirt, Neck Size 14 1/2 to 18 1/2, Flying Cross</td>
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<td>Flying Cross</td>
<td>665V5435</td>
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<td>34069</td>
<td>Male Dispatcher Style Short Sleeve Dress Shirt, Neck Size 19 to 22, Flying Cross</td>
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<td>Flying Cross</td>
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<td>34070</td>
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<td>Female Dispatcher Style Long Sleeve Dress Shirt, Bust Size 44 to 52, Flying Cross</td>
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<td>34072</td>
<td>Female Dispatcher Style Short Sleeve Dress Shirt, Bust Size 28 to 52, Flying Cross</td>
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<td>Flying Cross</td>
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<td>34073</td>
<td>Female Dispatcher Style Short Sleeve Dress Shirt, Bust Size 44 to 52, Flying Cross</td>
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**CONTRACT PRICES (Continued)**

### CATEGORY A. UNIFORM GARMEMTS - UNSPSC #: 53102700, CONTRACTOR: GALLS, LLC, OAKS SUPPLIER # 0000007736

<table>
<thead>
<tr>
<th>OAKS Item #</th>
<th>Item Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>34074</td>
<td>Tactical Long Sleeve Dress Shirt, Size XS to 5XL Short, Reg, Long and Xlong as specified Vertx VT8120 (SMG, BK, NV and OD) colors as specified or equal</td>
<td>Ea. Vertx VT8120</td>
<td>Vertx</td>
<td>VT8120</td>
<td>$ 47.75</td>
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<td>34075</td>
<td>Tactical Short Sleeve Dress Shirt Size XS to 5XL Short, Reg, Long, Xlong as specified, Vertx VT8100 (SMG, BK, NV and OD) colors as specified or equal</td>
<td>Ea. Vertx VT8100</td>
<td>Vertx</td>
<td>VT8100</td>
<td>$ 45.00</td>
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<tr>
<td>34076</td>
<td>Uniform Long Sleeve Polo Shirt, Sizes XS to 4XL, Vertx VTX4020 colors as specified or equal</td>
<td>Ea. Vertx VTX4020</td>
<td>Vertx</td>
<td>VTX4020</td>
<td>$ 39.50</td>
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<td>34077</td>
<td>Uniform Short Sleeve Polo Shirt, Sizes XS to 4XL, Vertx VTX4000 colors as specified or equal</td>
<td>Ea. Vertx VTX4000</td>
<td>Vertx</td>
<td>VTX4000</td>
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<td>34078</td>
<td>Male Trooper Gray Uniform Trouser, Waist Size 28 to 48, Unfinished Inseam (37&quot;), Short, Regular and Athletic Rise, Fechheimer OHSPTRS01 or equal</td>
<td>Ea. Fechheimer TRS01</td>
<td>Fechheimer</td>
<td>TRS01</td>
<td>$ 67.35</td>
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<td>34079</td>
<td>Male Trooper Gray Uniform Trouser, Size Made-to-Measure Fechheimer OSHPTRS01, or equal</td>
<td>Ea. Fechheimer TRS01</td>
<td>Fechheimer</td>
<td>TRS01</td>
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<td>34080</td>
<td>Female Trooper Gray Uniform Trouser, Size 2 to 20, Unfinished Inseam (37&quot;), Fechheimer OHSPTRSW01 or equal</td>
<td>Ea. Fechheimer TRSW01</td>
<td>Fechheimer</td>
<td>TRSW01</td>
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<td>34081</td>
<td>Female Trooper Gray Uniform Trouser, Made-to-Measure, Fechheimer OSHPTRSW01, or equal</td>
<td>Ea. Fechheimer TRSW01</td>
<td>Fechheimer</td>
<td>TRSW01</td>
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<tr>
<td>34082</td>
<td>Female Blue Trousers, Size Regular Rise 2 - 26 (even only) Short Rise 4 - 14 (even only), Fechheimer OHP47290, or equal</td>
<td>Ea. Fechheimer 47290</td>
<td>Fechheimer</td>
<td>47290</td>
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<td>34083</td>
<td>Male Blue Trousers, Waist Size; Short Rise 28 - 42 (even only) Unhemmed, Regular Rise 28 to 46 (even only over 38) Unhemmed, Fechheimer OHP47280, or equal</td>
<td>Ea. Fechheimer 47280</td>
<td>Fechheimer</td>
<td>47280</td>
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<td>34084</td>
<td>Male Blue Trousers, Waist Size; Regular Rise 48 to 60 (even only) Long Rise 32 - 48 (even only) Unhemmed, Fechheimer OHP47280, or equal</td>
<td>Ea. Fechheimer 47280</td>
<td>Fechheimer</td>
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<tr>
<td>34085</td>
<td>Optional (for OSHP) Hemming for Trousers *</td>
<td>Ea. Galls n.a.</td>
<td>Galls</td>
<td>n.a.</td>
<td>$ 3.50</td>
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<tr>
<td>34086</td>
<td>Male Tactical Trouser, Waist Sizes 28 to 44 (even), Inseam sizes 30&quot; to 36&quot;, Vertx VTX8600SMG, VTX8600NV, VTX8600BK, VTX8600OD or equal</td>
<td>Ea. Vertx VTX8600</td>
<td>Vertx</td>
<td>VTX8600</td>
<td>$ 43.25</td>
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<tr>
<td>34087</td>
<td>Trooper Motorcycle Breeches, Waist Sizes 28 to 46 (even only over 40), Length Short - 25&quot;, Medium - 26&quot;, Long - 28&quot;, Fechheimer OSHPB01 or equal</td>
<td>Ea. Fechheimer BRO1</td>
<td>Fechheimer</td>
<td>BRO1</td>
<td>$ 250.00</td>
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* Updated by amendment #2, effective 11/23/18.
**CONTRACT PRICES (Continued)**

**CATEGORY A. UNIFORM GARMENMTS = UNSPSC #: 53102700, CONTRACTOR: GALLS, LLC OAKS SUPPLIER # 0000007736**

<table>
<thead>
<tr>
<th>OAKS Item #</th>
<th>Item Description</th>
<th>Unit of Measure (UoM)</th>
<th>Manufacturer</th>
<th>Item/Style #</th>
<th>Bid Price ($USD) Per UoM</th>
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<tbody>
<tr>
<td>34088</td>
<td>Male Trooper Dress Blouse, Made-to-Measure, Fechheimer OHSPBLS01, or equal</td>
<td>Ea.</td>
<td>Fechheimer</td>
<td>BLS01</td>
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<tr>
<td>34089</td>
<td>Female Trooper Dress Blouse, Made-to-Measure, Fechheimer OHSPBLS02, or equal</td>
<td>Ea.</td>
<td>Fechheimer</td>
<td>BLS02</td>
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<td>34090</td>
<td>Trooper Uniform Duty Jacket, Sizes; Regular XS-3XL, Short, S-3XL, Long S-3XL, Extra Long S-3XL, Fechheimer OHSP78171 ITEM HAS BEEN DISCONTINUED eff 01/07/19.</td>
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<td>34091</td>
<td>Non-Sworn Blue Utility Dress Jacket, Sizes, Regular XS to 3XL, Short S to 3XL, Long S to 3XL, Extra Long S to 3XL Fechheimer OHSP78140 DISCONTINUED 01/07/19.</td>
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<td>34092</td>
<td>Non-Sworn Utility Jacket, Sizes Regular XS to 6XL, Short XS to 4XL, Long Med - 6XL, Fechheimer 79901GTXA or equal</td>
<td>Ea.</td>
<td>Fechheimer</td>
<td>79901GTXA</td>
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<td>34093</td>
<td>Reversible, High Visibility Jacket, Sizes Regular XS to 6XL, Short XS to 4XL, Long Med to 6XL, Extra Long L to 4XL, Fechheimer 73160A and 73161A or equal</td>
<td>Ea.</td>
<td>Fechheimer</td>
<td>73160/61A</td>
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<td>34094</td>
<td>Soft Shell Jacket, Sizes Regular XS to 6XL, Long M to 6XL, Fechheimer 54100A and 54105A or equal</td>
<td>Ea.</td>
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<td>54100A/5A</td>
<td>$ 82.00</td>
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**CATEGORY B. FOOTWEAR UNSPSC #: 53110000, CONTRACTOR: GALLS, LLC OAKS SUPPLIER # 0000007736**

<table>
<thead>
<tr>
<th>OAKS Item #</th>
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<th>Bid Price ($USD) Per UoM</th>
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<tbody>
<tr>
<td>34095</td>
<td>Male Athletic Oxford, Sizes as Specified in Med, Wide and Extra Wide Widths, Thorogood 834-6905 or equal</td>
<td>Pair</td>
<td>Thorogood</td>
<td>834-6905</td>
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<td>34096</td>
<td>Female Athletic Oxford, Sizes as Specified in Medium and Wide Widths, Thorogood 534-6905, or equal</td>
<td>Pair</td>
<td>Thorogood</td>
<td>534-6905</td>
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<td>34097</td>
<td>Male Buckle Chukka Dress Shoe, Sizes as Specified in Narrow, Medium, Wide and Extra Wide Widths, Thorogood 834-6845 or equal</td>
<td>Pair</td>
<td>Thorogood</td>
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<td>34098</td>
<td>Male Athletic Chukka, Sizes as Specified in Medium, Wide and Extra Wide Widths, Thorogood 834-6906 or equal</td>
<td>Pair</td>
<td>Thorogood</td>
<td>834-6906</td>
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<td>34099</td>
<td>Female Athletic Chukka, Sizes as Specified in Medium and Wide Widths, Thorogood 534-6906, or equal</td>
<td>Pair</td>
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<td>534-6906</td>
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<td>34100</td>
<td>Foul Weather Waterproof Boot, Sizes as Specified in Men’s Medium, Wide and Extra Wide Widths Thorogood 834-6805 or equal</td>
<td>Pair</td>
<td>Thorogood</td>
<td>834-6805</td>
<td>$161.00</td>
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* Item Discontinued by the Manufacturer per Amendment #4, effective 01/22/18.
BIDDERS SHALL COMPLETE THE FOLLOWING

Items offered contain recycled materials \( Y \) Y or N. If Y, \( 10 \) %.

Bid Automobile Liability Checklist: Contractor will indicate, by checking the appropriate box(es) below, which mode(s) of transportation will apply to this contract.

- [ ] Bidder/Broker ("The Contractor") or their Sub Contractor will make delivery or be performing services using a vehicle that is owned, leased or rented. Provide Certificate of Insurance documenting automobile liability with a Combined Single Limit of $500,000.00.
- [x] Goods/Services will be delivered via common carrier.
- [ ] No employee or representative of the contractor will have cause to be on state property to make deliveries or to perform services.

DISCLOSURE OF SUBCONTRACTORS (See Standard Terms and Conditions, Section III. Contract Construction, Paragraph M. Subcontracting: List names of subcontractors who will be performing work under the Contract.

N/A    _______                      _______

By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is true and accurate. The Bidder agrees that no changes will be made to this list of subcontractors or locations where work will be performed, or data will be stored without prior written approval of DAS. Any attempt by the Bidder/Contractor to change or otherwise alter subcontractors or locations where work will be performed or locations where data will be stored, without prior written approval of DAS, will be deemed as a default. If a default should occur, DAS will seek all legal remedies as set forth in the Terms and Conditions which may include immediate cancellation of the Contract. Failure to complete this page may deem your bid not responsive.

BIDDERS SHALL COMPLETE THE FOLLOWING FOR CATEGORY A. UNIFORM GARMENTS:

<table>
<thead>
<tr>
<th>COST CATEGORY</th>
<th>UNIFORM GARMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of Goods</td>
<td>( 87 ) %</td>
</tr>
<tr>
<td>Labor Cost</td>
<td>( 3 ) %</td>
</tr>
<tr>
<td>Utilities</td>
<td>( 1 ) %</td>
</tr>
<tr>
<td>Transportation</td>
<td>( 5 ) %</td>
</tr>
<tr>
<td>Other</td>
<td>( 0 ) %</td>
</tr>
<tr>
<td>Overhead</td>
<td>( 4 ) %</td>
</tr>
</tbody>
</table>

BIDDERS SHALL COMPLETE THE FOLLOWING FOR CATEGORY B. FOOTWEAR:

<table>
<thead>
<tr>
<th>COST CATEGORY</th>
<th>FOOTWEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of Goods</td>
<td>( 87 ) %</td>
</tr>
<tr>
<td>Labor Cost</td>
<td>( 3 ) %</td>
</tr>
<tr>
<td>Utilities</td>
<td>( 1 ) %</td>
</tr>
<tr>
<td>Transportation</td>
<td>( 5 ) %</td>
</tr>
<tr>
<td>Other</td>
<td>%</td>
</tr>
<tr>
<td>Overhead</td>
<td>( 4 ) %</td>
</tr>
</tbody>
</table>
SUPPLEMENTAL BID: This award is made as a result of Supplemental Bid OT904519 and will become a part of Contract No. OT900019 effective 01/14/19.

AMENDMENTS TO CONTRACT TERMS AND CONDITIONS: The following Amendments to the Contract Terms and Conditions do hereby become a part hereof. In the event that an amendment conflicts with the Contract Terms and Conditions, the Amendment will prevail.

SPECIAL TERMS AND CONDITIONS

DELIVERY AND ACCEPTANCE: Supplies will be delivered to the participating agency within thirty (30) days after receipt of order. The delivery location will be noted on the purchase order issued by the participating agency. Acceptance (transfer of title) will occur upon the inspection and written confirmation by the ordering agency that the supplies delivered conform to the requirements set forth in the Contract. Unless otherwise provided in the Contract, acceptance shall be conclusive except as regards to latent defects, fraud, or such gross mistakes as amount to fraud.

CONTRACT AWARD: A contract will be awarded to the lowest responsive and responsible bidder by item.

EVALUATION: Bids will be evaluated in accordance with Article I-17 of the “Instructions to Bidders”. In addition the State will multiply the estimated annual use for the bid item by the price offered for each bidder to determine the lowest cost responsive and responsible Bidder meeting all bid specifications and requirements. Bidders shall offer all sizes. Failure to bid / offer all sizes as required may deem your bid not responsive.

GENERAL REQUIREMENTS

I. SCOPE

The specifications below state the detailed requirements for the tactical boot / footwear for the uniformed staff of the Ohio State Highway Patrol (OSHP) with delivery required to OSHP locations in Columbus, OH and other OSHP facilities within the State of Ohio.

II. REQUIREMENTS

A. Instructions for measurements and/or applicable sizing charts shall be provided to Ohio State Highway Patrol representatives upon request.

B. Bidders must state whether they are using standard or metric system measurements in their measurement and/or sizing charts.

C. Each item shall be packaged and marked for the individual or ordering agency location as specified.

E. All items shall be stamped or labeled, including care instructions where applicable, indicating size, product origin and other information pertinent to labeling laws.

F. All items shall have loose threads removed and be packaged and finished properly in accordance with industry standards.

G. All items shall be new, unused and without flaws or defects which adversely affect appearance, durability or function.

H. Any order received pursuant to this contract that does not conform with the specifications herein for the item ordered, although accepted through oversight or otherwise, may be rejected at any time. Any part of the order found not in accordance with specifications due to the fault of the Contractor (e.g., color, defective or improper sizing), shall be altered or replaced by the Contractor at his/her expense, including all transportation costs.

III. BID ITEM

1. Trooper Tactical Boot: Thorogood Style/Item 804-6190; The Deuce Series Waterproof Six Inch Safety Toe Tactical Side Zip Boot

* Added by Amendment #3, effective 01/14/19.
SPECIFICATIONS

Trooper Tactical Boot – Six Inch, Composite Safety Toe, Tactical Side Zip, Waterproof Boot; Brand or Approved Equal, Thorogood Style/Item 804-6190

Construction: Cement, Non-Metallic Shank, EVA Midsole
Height: 6 inches
Weight Per Pair: 3.46 Lbs.
Color: Black
Footbed: Removable ShockZone™ polyurethane footbed
Shank: Composite
Waterproof: BBPX-Stream Waterproof™
Lining: BBP X-Stream Waterproof™ Membrane
Outsole: Z-Track ASR Outsole
Toe: Composite Safety Box Toe, Meets ASTM 2413-11M I/75/C/75 Rated
Electrical Hazard and Shock Resistance: Meets ASTM2413-11 EH
Closure: Lace and Arch Side, Side Zipper
Color: Black
Unit of Measure: Pair
Sizes Required: Med Width Sizes 4.0 through 15.0, Half Sizes through 11 ½
   Wide Width: Sizes 4.0 through 15.0, Half Sizes through 11 ½
   Extra Wide: Sizes 7.0 – 12.0, 13.0 Half Sizes through 11 ½
Women’s Sizes: Two sizes up from Men’s, i.e. Men’s 4.0 = Women’s 6.0

CONTRACT PRICES

CONTRACTOR: GALLS, LLC OAKS SUPPLIER # 0000007736

<table>
<thead>
<tr>
<th>OAKS Item #</th>
<th>UNSPSC</th>
<th>Description</th>
<th>Unit of Measure (UoM)</th>
<th>Manufacturer</th>
<th>Manufacturer Item/Style #</th>
<th>Bid Price in U.S. Dollars Per UoM</th>
</tr>
</thead>
<tbody>
<tr>
<td>35340</td>
<td>53101500</td>
<td>Trooper Tactical Boot, as Specified.</td>
<td>Pair</td>
<td>Thorogood</td>
<td>804-6190</td>
<td>$77.00</td>
</tr>
</tbody>
</table>

BIDDERS SHALL COMPLETE THE FOLLOWING:

Contains recycled materials – Y/N:  N, if Yes ____________ %. (Will not be part of the evaluation)

Bid Automobile Liability Checklist: Bidder/Contractor will indicate, by checking the appropriate box(es) below, which mode of transportation will apply to this contract.

□ Bidder/Broker (“The Contractor”) or their Sub Contractor will make delivery or be performing services using a vehicle that is owned, leased or rented. Provide Certificate of Insurance documenting automobile liability with a Combined Single Limit of $500,000.00.

X Goods/Services will be delivered via common carrier.

□ No employee or representative of the contractor will have cause to be on state property to make deliveries or to perform services.

DISCLOSURE OF SUBCONTRACTORS / JOINT VENTURES: List names of subcontractors who will be performing work under the Contract.

NA

NA

NA

* Added by Amendment #3, effective 01/14/19.
By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is true and accurate. The Bidder agrees that no changes will be made to this list of subcontractors or locations where work will be performed or data will be stored without prior written approval of DAS. Any attempt by the Bidder/Contractor to change or otherwise alter subcontractors or locations where work will be performed or locations where data will be stored, without prior written approval of DAS, will be deemed as a default. If a default should occur, DAS will seek all legal remedies as set forth in the Terms and Conditions which may include immediate cancellation of the Contract. Failure to complete this page may deem your bid not responsive.

BIDDERS SHALL COMPLETE THE FOLLOWING

DISCLOSURE OF FULFILLMENT HOUSES:

Fulfillment Houses are defined as follows: A third party that performs outsourced storage, order picking, packing, shipment, drop shipment and/or tracking activities for the Contractor. Bidders seeking to enter into a materials contract shall disclose the following: (use additional sheets if necessary)

If awarded a contract under this Invitation to Bid, do you intend to use Fulfillment Houses as defined above to fulfill your obligations under any ensuing contract? Yes: [ X] No: [   ]

If you answered yes above, complete the following information.

a) Principal location of business for the contractor (Name/City/State/Country)
   
   Galls, LLC Lexington, KY, US_________________________________ __________________________________________

b) Principal location of all Fulfillment Houses (Name/City/State/Country)
   
   Galls, LLC Lexington, KY, US_________________________________ __________________________________________

c) Location where inventory to support the Contract will be maintained (Name/City/State/Country)
   
   Galls, LLC Lexington, KY, US_________________________________ __________________________________________

d) Has this Fulfillment House ever been asked to withdraw from a contract with the state of Ohio, either as a Fulfillment House or as a direct contractor to the State?   Yes [   ] No [ X]

e) Has this Fulfillment House ever been asked to withdraw from a contract with another state or government body?   Yes [   ] No [ X]

The state of Ohio neither approves nor disapproves of any Fulfillment House. The State reserves the right to authorize or reject the use of any Fulfillment House. Prior removal from a contract or contracts may be cause for rejection. By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is complete, correct, true and accurate. The Bidder agrees that no changes will be made to this list of fulfillment houses without amendment to the contract issued after the analysis of bids. Any attempt by the Bidder/Contractor to change or otherwise alter Fulfillment House locations where services will be performed without prior amendment to the contract, will be deemed as a default. If a default should occur, DAS will seek all legal remedies as set forth in the Terms and Conditions which may include immediate cancellation of the Contract. Failure to complete this page may deem your bid not responsive.

BIDDER MUST COMPLETE THE FOLLOWING COST ALLOCATION CATEGORIES:

<table>
<thead>
<tr>
<th>TROOPER TACTICAL BOOT COST ALLOCATION CATEGORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>As a baseline for evaluation of price adjustment requests for this Contract, Bidders shall indicate the percentage of total costs for the following cost components. The sum of all percentages must equal one hundred percent. Bidders may add additional cost categories if appropriate. Failure to complete the following cost category information may render your bid not responsive.</td>
</tr>
<tr>
<td>Cost of Materials</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>87 %</td>
</tr>
</tbody>
</table>

* Added by Amendment #3, effective 01/14/19.
CONTRACTOR INDEX

CONTRACTOR AND TERMS

Galls, LLC
1340 Russell Cave Road
Lexington, KY  40505

PAYMENT TERMS: 2% 10 Days, Net 30 Days
DELIVERY TERM: 90 Days A.R.O (Exception on Page 5)
                 30 Days A.R.O Trooper Tactical Boot

CONTRACTOR’S CONTACT:

Meredith North, Managed Account Representative *
Telephone: (800) 876-4242, Ext: 2368
Direct: (859) 800-1308
FAX: (877) 914-2557
E-mail address: north-meredith@galls.com

REMIT TO ADDRESS:

Galls, LLC
1340 Russell Cave Road
Lexington, KY  40505

REQUIRED METHOD OF ORDER PLACEMENT:

All orders shall be placed by Email at: north-meredith@galls.com *

OAKS Item Identification number for freight charges for orders less than $ 200.00 minimum order quantity: 34153

* Method of Order Placement updated by amendment #6, effective 03/18/19.
<table>
<thead>
<tr>
<th>Amendment Number</th>
<th>Effective Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/19/19</td>
<td>6</td>
<td>This amendment is issued to update the required Method of Order Placement on the Contractor Index, page 57 of the contract, effective 03/18/19.</td>
</tr>
<tr>
<td>02/19/19</td>
<td>5</td>
<td>This amendment is issued to update the Contractor’s Index on page 57 of the Contract, effective 02/19/19.</td>
</tr>
<tr>
<td>02/11/19</td>
<td>4</td>
<td>This amendment is issued to advise that the manufacturer, Fechheimer Brothers has discontinued OAKS item numbers 34090 and 34091 on page 52 of the Contract which are hereby removed from the contract effective 02/11/19.</td>
</tr>
<tr>
<td>01/14/19</td>
<td>3</td>
<td>This amendment is issued to publish the results of Supplemental Bid OT904519 which opened on 12/21/18 for a Trooper Tactical Boot for The Ohio State Highway Patrol, effective with all orders placed on or after 1/14/19 and to add contract pages 54 through 56 and re-paginate the Contractor Index and Summary of Amendments pages.</td>
</tr>
<tr>
<td>11/23/18</td>
<td>2</td>
<td>This amendment is issued to update OAKS item 34085 related to trouser hemming on page 51 of the Contract in accordance with DPS, DAS and the Contractor’s agreement, effective 11/23/18.</td>
</tr>
<tr>
<td>11/07/18</td>
<td>1</td>
<td>This amendment is issued to add a direct phone number for the Contractor’s Contact on the Contractor Index on page #54 of the Contract and to add a Summary of Amendments Page # 55 to the Contract.</td>
</tr>
</tbody>
</table>