

INVITATION TO BID

State of Ohio
Department of Administrative Services
General Services Division
Office of Procurement Services

The Original Signed Bid must be submitted to the Office of Procurement Services to receive consideration for award.		BIDDER NAME	
BID NUMBER <u>OT900910</u>	OPENING DATE (1:00 p.m.) <u>April 29, 2009</u>	STREET ADDRESS <input type="checkbox"/> Check if remit address is different and list on separate sheet	
General Services Division Office of Procurement Services 4200 Surface Road Columbus, OH 43228-1395 Attn: Bid Desk		CITY	STATE ZIP
		TELEPHONE NO. ()	TOLL FREE NO. 1 - ()
		CONTACT PERSON	FAX NO. ()
REQ./INDEX NO. DNR018P	BID NOTICE DATE April 13, 2009	CONTRACTOR'S E-MAIL ADDRESS	
SELECT YOUR PREFERRED METHOD OF RECEIVING PURCHASE ORDERS AND ENTER THE E-MAIL OR FAX NUMBER INFORMATION (ONLY SELECT ONE METHOD)			
<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax			
In addition to the standard terms for payment, the payment terms for state agency(ies) will be 2%, 10 Days, Net 30 Days unless otherwise stated in the following space. If no discount is offered, bidder should circle "Net 30 Days". _____%, _____ Days, Net 30 Days			
PARTICIPATING AGENCY(IES): OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR)			
<p><u>THE DEPARTMENT OF ADMINISTRATIVE SERVICES, OFFICE OF PROCUREMENT SERVICES, IS SOLICITING BIDS FOR:</u></p> <p>LAW ENFORCEMENT UNIFORMS FOR THE OHIO DEPARTMENT OF NATURAL RESOURCES</p> <p>TERM OF CONTRACT: This Invitation to Bid is to establish a requirements contract to procure the described supplies or services on behalf of the above participating agency(ies). The agency(ies) may place orders against the Contract beginning <u>07/01/2009</u> or upon the date when DAS signs the Contract, whichever is later in time. The Contract will expire <u>06/30/2012</u> unless DAS terminates the Contract based upon reasons set forth in Article I-C of the Standard Contract Terms and Conditions. No agencies may place purchase orders against the Contract beyond the expiration date unless DAS renews the Contract by amendment. The Contractor may begin performance under the Contract only upon receipt of a valid order from a participating state agency.</p> <p>INSTRUCTIONS TO BIDDERS AND CONTRACT TERMS AND CONDITIONS, Revised 10-01-07, are a part of this Invitation to Bid. Copies may be downloaded by clicking on this link: Instructions: Terms and Conditions for Bidding, Standard Contract Terms and Conditions, and Supplemental Contract Terms and Conditions. All prior versions of Instructions to Bidders, Contract Terms and Conditions are null and void.</p> <p>By submitting this Invitation to Bid, the Contractor certifies that Contractor has truthfully disclosed the location(s) where all services are to be performed; the location(s) where all applicable State contract data is to be maintained or made available; and the principal location of business for the Contractor and all subcontractors. The Contractor further certifies and acknowledges that Contractor will not change the country of the location(s) where services are performed and will not change the country of the location(s) where data is maintained or made available without prior written consent of the State.</p> <p>Any questions or clarifications regarding this Invitation to Bid should be directed to the Office of Procurement Services through the Internet at www.ohio.gov/procure. All questions should be submitted a minimum of two (2) working days prior to the bid opening date.</p>			
PRINTED/TYPED SIGNATURE		AUTHORIZED SIGNATURE (ORIGINAL SIGNATURE ONLY) (Please sign in blue ink)	DATE

The ORIGINAL signed Bid must be submitted to the Office of Procurement Services by 1:00 o'clock p.m., on the above listed opening date to receive consideration for award. It is requested that the Bidder NOT sign their bid in BLACK ink. BIDDER CERTIFIES, by signature affixed to its bid, that the information provided by it in its bid including the certified statements, is accurate and complete. Bidder declares to have read and understood and agrees to be bound by all of the instructions, terms, conditions and specifications of this Invitation to Bid and agrees to fulfill the requirements of any awarded contract at the prices bid.

REQUIRED CERTIFICATION FOR BIDDING

Those bidders claiming preference for Domestic Source End Products and/or the Ohio preference, pursuant to Revised Code Sections 125.09 and 125.11 and Administrative Code Section 123:5-1-06 must complete the following information. Bidders who qualify as an "Ohio" bidder (offer an Ohio product or who have significant Ohio economic presence) or who qualify as a Border State bidder are eligible to receive a five percent (5%) preference over non-Ohio/Border state bidders. The state reserves the right to clarify any information during the evaluation process. **BIDDERS MUST COMPLETE THIS CERTIFICATION TO RECEIVE THE PREFERENCE.**

A. DOMESTIC PREFERENCE (BUY AMERICA): [Not applicable to "Excepted Products"]

1. Where is each product/services being offered mined, raised, grown, produced or manufactured?

United States: _____(State) Canada Mexico (Go to B-1)

Other: (Specify Country)_____ (Go to A-2)

2. End product is manufactured outside the United States and at least 50% of the cost of its components are produced, mined, raised, grown or manufactured within the United States. The cost of components may include transportation costs to the place of manufacture and, in the case of components of foreign origin, duty whether or not a duty free entry certificate is issued.

Yes (Go to Section B-1) No (Go to Section A-3)

3. The Bidder hereby certifies that each end product, except the products listed below, is a domestic source end product as defined in the Buy America Act and that components of unknown origin have been considered to have been mined, produced, grown or manufactured outside the United States.

_____ (Item) _____ (Country of Origin)

_____ (Item) _____ (Country of Origin)

A domestic end source product is deemed to be excessively priced if it exceeds the cost of the foreign product by more than 6%. Pursuant to FAR, Part 25, the state of Ohio does not acquire supplies or services that cannot be imported lawfully into the United States. The contractor, their subcontractor(s) and any agent of the contractor or subcontractor must not acquire any supplies or services originating from sources within, or that were located in or transported from or through Cuba, Iran, Iraq, Libya, North Korea, Sudan Territory of Afghanistan controlled by the Taliban, or Serbia (excluding the territory of Kosovo).

B. OHIO PREFERENCE (BUY OHIO):



1. The products/services being offered are raised, grown, produced, mined or manufactured in Ohio.

Yes (Go to C) No (Go to B-2)

2. Bidder has significant economic presence within the state of Ohio. Yes (Answer a, b, c, d below) No (Go to B-3)

a) Bidder has paid the required taxes due the state of Ohio Yes No

b) Bidder is registered with the Ohio Secretary of State

Yes (Charter/Registration No.: _____) No

Questions regarding registration should be directed to (614) 466-3910 or visit their web site at:

<http://www.sos.state.oh.us/>

c) Bidder has ten or more employees based in Ohio or border state. Yes No (Go to B-2d)

d) Bidder has seventy-five percent or more employees based in Ohio or border state. Yes No (Go to B-3)

3. Border state bidder:

Yes (Specify which state then go to B-2c): KY MI NY PA IN) No (Go to B-4)

4. Border state bidder: mined products mined in respective border state Yes No Not Applicable

C. E.D.G.E. DESIGNATION

Bidder is certified E.D.G.E. business Yes No

For information on E.D.G.E. designation, please visit the DAS Equal Opportunity Division website at:

<http://www.state.oh.us/das/Eod/edge/Index.htm>

D. DECLARATION REGARDING MATERIAL ASSISTANCE/NON-ASSISTANCE TO A TERRORIST ORGANIZATION (DMA)

The Bidder being awarded this Contract must be registered with the Ohio Business Gateway (OBA) at <http://obg.ohio.gov> to file for DMA precertification; if you are not already registered you must:

1. register with the Ohio Business Gateway (OBG) at <http://obg.ohio.gov>;
2. review the Terrorist Exclusion List at http://www.homelandsecurity.ohio.gov/DMA_Terrorist/terrorist_exclusion_list.pdf;
3. complete the Declaration Regarding Material Assistance/Non-Assistance to a Terrorist Organization (DMA) form http://www.homelandsecurity.ohio.gov/DMA_Terrorist/HLS_0038_Contracts.pdf and submit this with your bid response.

Failure to complete the certification may result in the bidder being deemed not responsive and/or may invalidate any Contract award. If not submitted with the bid response, the bidder will have seven (7) calendar days, after notification, to submit the form.

SPECIAL CONTRACT TERMS AND CONDITIONS

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.

PRIMARY VENDOR AWARD CONTRACT: This bid is issued to establish a Primary Vendor contract. This contract resulting from this bid will be made with one supplier capable of providing the uniform needs for the Ohio Department of Natural Resources (ODNR) as listed herein. By the signature affixed to Page 1, of this Bid, the Bidder certifies that the products are in compliance with all bid requirements and specifications.

MANUFACTURER'S SPECIFICATIONS: Manufacturer's specification sheets are to be submitted with the bid for each item/manufacturer bid. Specification sheets will be labeled with the name of the manufacturer, the style number, and the bid item number from the specifications or the bid pricing sheets below. The state acknowledges that it may receive bids from multiple distributors bidding the same manufacturer's products. In such situations, specification sheets/samples may be submitted by manufacturer(s) on behalf of multiple distributors, provided that such specification sheets/samples are accompanied by written documentation, on manufacturer's letterhead, signed by an authorized representative of the manufacturer, listing the named distributor(s) for whom the specification sheets are provided. Any bidder not appearing on this listing and who has failed to furnish requested specification sheets/samples, may be considered not-responsive.

SPECIFIED MANUFACTURER: The manufacturer/style number has been specified for each item. Consideration will not be given for any alternate bid.

BRAND SPECIFIC: The items specified in this bid are being bid as Brand Specific. That signifies that no alternates will be accepted for award. Bid is in accordance with the Ohio Administrative Code 123:5-1-10 (I). The Department of Administrative Services (DAS) and the Ohio Department of Natural Resources (ODNR) have examined various manufacturers' fabric, colors and durability. Based on the intent to standardize all uniform components within the state, the agency has determined that the acceptable brands shall include, Flying Cross by Fechheimer, Fechheimer, Broome, Stratton, Spiewak, 511 Tactical, Bates, Danner and Rocky.

AUTHORIZED DEALER STATEMENT: Bidders responding to this bid must be an authorized dealer or manufacturer of the products bid. Bidders should submit a letter with their bid response certifying that they are the manufacturer or an authorized dealer for all products bid. This certification must be on the manufacturer's letterhead and must be signed by a duly authorized representative of the manufacturer. The bidder should include the certification in the sealed bid package but, will be required to provide the said certification letter within seven (7) calendar days after notification, to the Office of State Purchasing. Failure to submit the certification letter within the stated time period may result in the bidder being deemed as not responsive.

SPECIAL CONDITIONS: The Director, Department of Administrative Services reserves the right to bid large or unusual requirements, for items that may be a part of the awarded contract, under a separate bid.

REFERENCES TO ALTERNATE TERMS: Any reference, which may appear on any price list, specification or literature, to any terms and conditions, such as F.O.B. Shipping Point or Prices Subject to Change, will not be part of any contract with the successful bidder(s) and will be disregarded by the state of Ohio.

CONTRACT COMPLIANCE: During the term of this contract, the using agency shall be responsible to monitor the contractor's performance and compliance with the terms and conditions of the contract. If the agency observes any infraction(s), such shall be documented and conveyed to the contractor for immediate correction. If the contractor fails to rectify the problem(s), the agency shall notify the Office of State Purchasing to help resolve the incident(s). Continued failures on the contractor's part to comply with the terms and conditions of the contract may result in the immediate removal of the contractor from the contract by the Director, Department of Administrative Services.

QUALITY CONTROL: At the option of the Office of State Purchasing or the using agency, samples may be taken from deliveries made pursuant to an ensuing contract and submitted for laboratory tests. Failure to meet the specification requirements will invalidate the awarded contract and will result in the contractor being liable for any financial losses incurred by the state of Ohio.

TRANSPORTATION CHARGES: Any item(s) ordered from a contract awarded pursuant to this bid shall be shipped F.O.B. destination, freight prepaid, unless noted in a Minimum Order clause below.

DESCRIPTIVE LITERATURE: The Bidder may be required to submit descriptive literature of the supplies or services being offered. If requested, the literature will be used in the evaluation process to determine the lowest responsive and responsible bidder. If not provided as part of the bid response, the Bidder must provide said literature within seven (7) calendar days after request/notification by the Office of Procurement Services to do so. Any references, that may appear in the descriptive literature, that may alter the terms and conditions and specifications of the bid (e.g. F.O.B. Shipping Point or Prices Subject to Change), will not be part of any contract and will be disregarded by the state of Ohio. Failure of the bidder to furnish descriptive literature either as part of their bid response or within the time specified herein will deem the bidder not responsive.

PRODUCT SAMPLES: The bidder(s) may be required to submit samples of the supplies being offered. The samples will be used in the evaluation process to determine the lowest responsive and responsible bidder. If not included as part of their bid response, the bidder will be required to provide the samples within seven (7) calendar days after notification. Failure to provide the samples within the stated time period will result in the bidder being deemed not responsive. After award of the contract, the samples will be used as a basis of comparison with actual product delivered under contract. Any variation between the samples and product being delivered will be considered as an event of default. Any variations between the samples and actual product being delivered that are due to manufacturer changes may be acceptable and shall require prior written approval from DAS.

EVALUATION: Bids will be evaluated in accordance with Article I-5 of the "Instructions to Bidders". In addition, ODNR will evaluate the samples offered to determine the products conform to the stated requirements. Bidders should confirm that all pricing lines have been completed, including the catalog percentage discount that will be available for items not listed.

CONTRACT AWARD: A Contract will be awarded to one responsive and responsible bidder representing the acceptable manufacturers and capable of providing a turn-key uniform delivery and alteration service and an online custom punch-out catalog for ordering. Failure to bid all items may result in your bid being deemed not responsive.

CONTRACT RENEWAL: This contract may be renewed for one (1) month, at the state's option. Additionally, this contract may be renewed, by agreement, any number of times for any period of time under the same prices, terms and conditions stated herein. The cumulative total of all renewals by agreement may not exceed three (3) years.

PLACEMENT OF ORDERS: Purchase orders for any item(s) listed in a contract awarded pursuant to this bid will be placed directly with the successful contractor(s) by representatives of the using agency. No order will specify delivery to exceed ninety (90) days beyond the expiration and/or cancellation date of the contract.

DELIVERY AND ACCEPTANCE: Items designated as Stock Items will be delivered to the agency as soon as practicable but within thirty (30) days after receipt of order. Items designated as both Winter and Summer items will be delivered to the agency as soon as practicable but within sixty (60) days after receipt of order. Items designated Winter or Summer or Make-to-Order items will be delivered to the participating agency as soon as practicable but within thirty (90) days after receipt of order. All items will be delivered in accordance with paragraphs S-8, S-9, and S-10 of the SUPPLEMENTAL CONTRACT TERMS AND CONDITIONS. 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.

SWEATSHOP FREE: By the signature affixed to this ITB, Bidder 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 in furnishing the supplies or services described in the bid and awarded to the Bidder. 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.

MINIMUM ORDER: No order will be placed against a contract awarded pursuant to this bid for less than twenty-five (\$25.00) dollars

FIXED-PRICE WITH ECONOMIC ADJUSTMENT: The contract prices(s) will remain firm for the first six (6) 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 are already being processed, 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. In the event that 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 Provision I.C. "Termination/Suspension" and Provision II. of the "Contract Remedies:" of the "Standard Contract Terms and Conditions".

USAGE REPORTS: Every six (6) months the contractor must submit a report (written or on disk or via e-mail in Excel format) indicating sales generated by this contract. The report shall list usage by customer, by line item, showing the quantities/dollars generated by this contract. The report shall be forwarded to the Office of Procurement Services, 4200 Surface Road, Columbus, OH 43228-1395, Attn: Walter Schneider (walter.schneider@das.state.oh.us)

ELECTRONIC ONLINE WEB-BASED CUSTOM CATALOG: The awarded contractor will provide an on-line, web based custom punch out catalog containing the items awarded on this contract and other items authorized by the ODNR Director of Enforcement. The web-based, on-line custom catalog shall be the primary ordering, pricing and sourcing media for all items awarded in the ensuing contract and must conform with the following requirements:

- A. The on-line web based custom catalog shall include only items authorized by the ensuing state of Ohio Department of Natural Resources contract and which are approved for the online catalog by the ODNR Director of Enforcement.
- B. The on-line web based custom catalog shall include links to applicable sizing charts, ordering information, alteration instructions cleaning instructions, and ODNR Enforcement policy issues related to the issuing and wearing of each uniform item. The ODNR will have the authority to add links and uniform policy information to other State of Ohio contracts from this website.
- C. The on-line custom catalog will allow for payment using the state of Ohio procurement or debit card.
- D. The on-line custom catalog will be maintained by the successful contractor and updated as required to include notification of back-ordered items, recalls and other pertinent uniform apparel information.
- E. Ohio Department of Natural Resources authorized personnel from facilities state-wide, will utilize the on-line web based custom catalog for purchase of their uniform requirements.
- F. The on-line, web based custom catalog will be available and accessible only to ODNR employees and other users authorized by the state of Ohio DAS Office of Procurement Services or the Ohio Department of Natural Resources.
- G. The on-line, web-based custom catalog must be password protected and contain appropriate security procedures to protect users and their credit card or financial information.
- H. The on-line, web based custom catalog shall contain a photo and a complete description of each item, the item's contract price available to state of Ohio Department of Natural Resources users and other users authorized by the Ohio Department of Natural Resources.
- I. No item shall be added or deleted from the on-line, custom catalog without the written permission of the state of Ohio DAS Office of Procurement Services or the Ohio Department of Natural Resources Director of Enforcement.

ELECTRONIC ONLINE WEB BASED CUSTOM CATALOG (Continued): Bidders shall submit with their bid a detailed statement documenting their ability and capability of providing an online web-based custom punch-out catalog as described in A. through I. above. Failure to submit said documentation with the bid may deem your bid not responsive.

AUTOMOBILE LIABILITY INSURANCE REQUIREMENTS AND CHECKLIST - Reference: Supplemental Contract Terms & Conditions – Page 10, Article S-13

Automobile Liability - Automobile Insurance is required for anyone coming onto State Property to deliver goods or to perform services using a vehicle, which is owned, leased or rented by the Contractor. Any Bidder, Broker, or Subcontractor who will be on State Property, but not delivering goods or performing services, is required to carry Automobile Liability insurance that complies with the State and Federal laws regarding financial responsibility.

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.
- 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 (See Page RA – 10 of 14, Standard Contract Terms and Conditions, Section V, Item Q): Bidders seeking to enter into a supplies contract shall disclose the following:

List names of subcontractors who will be performing work under the Contract.

DISCLOSURE OF SUBCONTRACTORS / JOINT VENTURES (See Page RA – 10 of 14, Standard Contract Terms and Conditions, Section V, Item Q): Bidders seeking to enter into a supplies contract shall disclose the following: (CONT'D)

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 section may deem your bid not responsive.

BIDDER DISCLOSURE STATEMENTS: The Bidder must provide a declarative (yes/no) answer regarding the following questions. If any answer is affirmative, the Bidder must provide full details about the matter. While not an automatic cause for disqualification, an affirmative answer may result in an evaluation of the Bidder's responsibility. A decision will then be made based on the seriousness of the matter, the matter's possible impact on the performance of the Contract, and the best interests of the State.

Within the past five (5) years:

ITEM	DISCLOSURE STATEMENT	YES	NO
A	Has the Bidder and/or subject company had a contract cancelled for default or cause?		
B	Has the Bidder and/or subject company been assessed any penalties including liquidated damages, under any of its existing or past contracts with any organization or governmental entity?		
C	Has the Bidder and/or subject company been the subject of any governmental action limiting the right of the Bidder and/or subject company to do business with that entity or any other governmental entity?		
D	Has trading in the stock of the subject company ever been suspended? Give date and explanation.		
E	Has the Bidder and/or subject company previously operated as a like-kind business under any other business name and/or taxpayer identification number?		
F	Has the Bidder and/or subject company, any company officer, or any owner of a twenty (20%) percent interest or greater in the subject company, filed for bankruptcy, reorganization, a debt arrangement, moratorium, or any proceeding under any bankruptcy or insolvency law, or any dissolution or liquidation proceeding?		
G	Has the Bidder and/or subject company, any company officer, or any owner of a twenty (20%) percent interest or greater in the company been convicted of a felony or is currently under indictment on any felony charge?		
H	Has the Bidder and/or subject company, any company officer, or any owner of a twenty (20%) percent interest or greater in the company had a finding for recovery action issued by the Ohio Auditor of State for a sum of funds due the state of Ohio?		

By the signature affixed to Page 1 of this Bid, Bidder hereby certifies that the above information is true and accurate.

This completed form shall be completed and returned as part of the bid response. Failure to complete this page may deem your bid not responsive.

AFFIRMATIVE ACTION PROGRAM VERIFICATION: The Ohio Revised Code (ORC) requires all contractors from whom the state or any of its political subdivisions make purchases have a written affirmative action program for the employment and effective utilization of economically disadvantaged persons. An Affirmative Action Program Verification Form must be submitted to the Equal Opportunity Division to comply with the affirmative action requirements pursuant to the Ohio Revised Code 125.111(B). The form verifies the company's commitment to implement steps to ensure equal employment opportunity within their organization. Prior to the award of a contract a prospective vendor must have filed verification with the state of Ohio EOD that the contractor has a written affirmative action program. Verifications may be submitted online at the following URL: <http://www.das.ohio.gov/eod/aapv.htm> Contact the Ohio Department of Administrative Services Equal Opportunity Division at (614) 752 9273 to obtain a user name and password and follow the directions at the above URL to register your program and obtain a verification letter. For questions or help with filing a verification please contact the Affirmative Action/EEO Unit at (614) 466-8380. Prospective vendors should submit proof with their bid that they have an Affirmative Action Program on file with the state of Ohio DAS/EOD. If said information is not provided with the bid submission the bidder will have seven (7) working days after request / notification by the Office of Procurement Services to do so. Failure of the bidder to furnish the said information either as part of their bid response or within the time specified herein will deem the bidder not responsive.

FEDERAL TAXPAYER IDENTIFICATION FORM W-9 - Notice to Bidders: All Bidders should download a Federal Request for Taxpayer Identification Number and Certification W-9 Form and submit it as part of their bid response. The W-9 form must be completed and must display an original signature. Copied or stamped signatures are not acceptable.

To download the W-9 form from your internet explorer:

- type: <http://www.irs.gov/pub/irs-pdf/fw9.pdf>
- under IRS Resources, select Forms and Publications
- select Download by Form and Instruction Number
- in the "Find" field type Form W-9 (product number) and click the FIND button
- download, complete the form, submit with the bid response

This completed form should be returned as part of the bid response. Failure to complete this page may deem your bid not responsive.

This requirement applies to all Bidders: Bidders who have not previously done business with the State as the awardee of an Office of State Purchasing competitively bid Invitation to Bid, Request for Proposal, or State Term Schedule and also to currently awarded contractors as well. The DAS Central Accounting System requires that all contractor W-9 forms be periodically updated by submission of a new form.

If a current W-9 is not provided with the bid submission the bidder will have seven (7) calendar days after request / notification by the Office of Procurement Services, to do so. Failure of the bidder to furnish the said information either as part of their bid response or within the time specified herein will deem the bidder not responsive.

INSURANCE REQUIREMENTS: Bidders should provide with their bid, documentation of the following insurance coverages required by the Supplemental Contract Terms and Conditions, Articles S-12 and S-13 (refer to the Bid Page One, link to [Instructions: Instructions to Bidders for Reverse Auction, Standard Contract Terms and Conditions, and Supplemental Contract Terms and Conditions](#)):

1. Ohio Bureau of Workers Compensation Certificate or in the case of non-state of Ohio bidders, proof of workers compensation insurance in your state of domicile.
2. Employer's Liability (Stop Gap) insurance with limits of not less than one million (\$1,000,000.00) dollars.
3. Automobile Liability with limits in accordance with Federal and State laws.
4. Commercial General Liability (CGL) Insurance:
 - a. Limits of \$500,000.00 per occurrence.
 - b. Limits of \$1,000,000.00 annual aggregate.
 - c. To be compliant, the CGL policy must include the following three endorsements:
 - 1) a blanket waiver of subrogation.
 - 2) a statement that the Contractor's CGL coverage is primary over any other coverage.
 - 3) designate the state of Ohio as an additional insured.

If the Bidder does not currently carry the amounts of coverage and/or the required endorsements specified above, the Bidder should provide a letter from their insurance company stating that the Bidder's coverage will be increased to the specified amounts and/or the required endorsements will be added to the policy upon award of the ensuing Contract. The letter from the insurance company should also be submitted with the Bid. If a compliant insurance certificate is not provided with the bid submission the bidder will have seven (7) calendar days after request / notification by the Office of Procurement Services to do so. Failure of the bidder to furnish the said information either as part of their bid response or within the time specified herein will deem the bidder not responsive.

GENERAL SPECIFICATIONS

PURPOSE AND SCOPE: The following specifications are intended to define the major components of the agency's needs, for all seasons. The successful bidder will provide ODNR's uniform needs from the listed, acceptable manufacturers and provide all sizing, fitting and customizing services to ODNR's facilities. Workmanship and material are to be first quality throughout. The purpose of the contract, resulting from this Invitation To Bid, is to allow each facility associated with ODNR throughout the state of Ohio to purchase high quality uniform components.

MEASURING, FITTING AND SIZING: It shall be the responsibility of the contractor to provide trained personnel to conduct measuring (and/or use sizing samples) and be available to any ODNR buyer on this contract within a reasonable period of time agreed upon (not to exceed 2 weeks without buyer's express approval). Also, see sizing charts on pages 55 through 59.

DELIVERY: All delivery requirements begin upon the contractor's receipt of a complete order including options, sizes, colors, etc.. The awarded contractor must submit purchase orders and/or order information following completion of sizing to manufacturer within 3 business days.

SPECIFICATIONS

I. Scope

These specifications cover the procurement of law enforcement uniform components for delivery to various Ohio Department of Natural Resources facilities, to include Men's and Women's long and short sleeve shirts, polo shirts, trousers, walking shorts, dress blouses, command sweaters, mock-turtlenecks, hats, shoes and boots, uniform accessories and other services and items as specified in this Invitation To Bid.

II. Requirements

- A. All items shall be from the manufacturer and the manufacturer's item number specified and provided by the awarded contractor. The Ohio Department of Natural Resources required order period for items designated herein as Winter items is May 1 through May 31. Required order period for items designated herein as Summer items is November 1 through November 30. The required order period for items designated as both Winter and Summer Items is May through May 31 and November 1 through November 30. All items designated as stock items shall be available for ordering and purchase anytime. All orders are subject to the DELIVERY AND ACCEPTANCE clause on page 4 of this Invitation To Bid/Contract.
- B. Bidders shall include Instruction on measuring and/or applicable sizing charts with their bid response. Bidders must specify whether they are using standard or metric system measurements in their sizing charts.
 - 1. The awarded contractor shall offer shirt tapering and trouser tailoring for an athletic fit and long body for all shirts and trousers as applicable, when ordered, as an option (as-needed only).
- C. Items will be shipped to the location specified within Ohio by the agency or division placing the order. Any items shipped in error, or incorrectly, for whatever reason, will be picked up by the contractor or his designee. All items are to be stamped or labeled, including care instructions where applicable, indicating size and other information pertinent to labeling laws.
- D. All materials are to be new, unused and without flaws or defects which adversely effect appearance, durability and function.
- E. All items will have loose threads removed, and are to be pressed, shaped and properly finished in accordance with industry standards.
- F. There is no minimum order quantity for any items; however, the twenty-five (\$25.00) dollar minimum amount is applicable as specified within this ITB.
- G. Each item is to be packaged and marked for the individual and location of ordering agency as specified.
- H. All items found to be defective, misfit or not in accordance with specifications, although accepted through oversight or otherwise, will be replaced, repaired or altered at the expense of the contractor, including all transportation costs.
- I. All items will have a minimum one (1) year warranty against workmanship or fabric defects.
- K. Emblems supplied by the agency are to be sewn on as specified at no charge. All patches shall be sewn one (1) inch below the seam as described by ODNR.
- L. Where applicable all garments will be designed to withstand institutional laundering.
- M. The contractor shall maintain an inventory, at an agency-approved level, for all items which are designated at stock items other than items designated Winter or Summer items.
- N. At contract expiration, the agency may, with mutual agreement of the contractor, buy out remaining inventory for no more than \$.50 to the \$1.00, negotiated by ODNR and the contractor.

III. Measurements and sizing (Sizes to be according to the Federal Commercial Standard)

- A. Long Sleeve Shirts: Men: Will be ordered by neck size and sleeve length.
Women: Will be ordered by bust size.
- B. Short Sleeve Shirts: Men: Will be ordered by neck size.
Women: Will be ordered by bust size.
- C. Sweater: Will be ordered by Alpha Size.
- D. Trousers/Pants: Men's will be ordered by waist size and inseam length. Women's will be ordered by women's garment size & inseam. Hemmed pants are to possess a 1-1/2" bottom seam.
- E. Dress Blouse: Will be made to order.
- F. Mock Turtleneck: Will be ordered by Alpha Size.
- G. Shorts Men: Will be ordered by waist size.
Women: Will be ordered by women's garment size.
- H. Polo Shirts Will be ordered by Alpha Size.

DETAILED SPECIFICATIONS

MEN'S LONG SLEEVE SHIRT - WINTER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 319X6604 (Pricing Page Items 1 - 2)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon

Weight: 11.0 oz. / linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 319X6604. Dress style, top center placket front, full cut tapered fit, banded collar, long sleeves with barrel cuffs, and dress shirrtail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke and collar band of Dacron/Cotton Poplin. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR & STAND:

Collar points to measure 3" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #285 Stabilized Mello-Press. Stays to be 2 3/4" long, 3/8" minimum width, and to be fused to under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/4" 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 1-3/4" 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 3-1/4". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 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 5-7/8" 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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:

To be long sleeves with approximate 4 1/2" sleeve vent. Sleeve shall have a one-piece, elbow reinforcement and vent facing. Elbow reinforcement shall extend into the sleeve-closing seam.

CUFFS:

Two piece 1/2-inch hemmed cuff with 1/4" topstitching. Cuffs to measure 3" in depth with rounded corners (barrel). 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 #550 Stabilized Mello-Press.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-ligne melamine.

SEWING:

Collar, shoulder straps, pocket flaps and cuffs to be topstitched 1/4" 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 interlined with #285 Stabilized Mello-Press. Cuffs, pocket flaps, shoulder straps and top center to be interlined with #550 Stabilized Mello-Press. Collar band to be interlined with 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.

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.

MEN'S LONG SLEEVE SHIRT WITH FRONT ZIPPER – WINTER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 319X6604Z (Pricing Page Items 3 – 4)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon
Weight: 11.0 oz. / linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 319X6604Z. Dress style, top center placket front with zipper, full cut tapered fit, banded collar, long sleeves with barrel cuffs, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke and collar band of Dacron/Cotton Poplin. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR & STAND:

Collar points to measure 3" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #285 Stabilized Mello-Press. Stays to be 2 3/4" long, 3/8" minimum width, and to be fused to under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/4" 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 1-3/4" 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 3-1/4". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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. A 15" nylon zipper, to be set below the second button and buttonhole, shall accomplish front closure. The top, second and bottom buttons to be attached to the right front, the balance to be sewn over the buttonholes on the left front.

SHOULDER STRAPS:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 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 5-7/8" 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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:

To be long sleeves with approximate 4 1/2" sleeve vent. Sleeve shall have a one-piece, elbow reinforcement and vent facing. Elbow reinforcement shall extend into the sleeve-closing seam.

CUFFS:

Two piece ½-inch hemmed cuff with ¼" topstitching. Cuffs to measure 3" in depth with rounded corners (barrel). 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 #550 Stabilized Mello-Press.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-ligne melamine.

SEWING:

Collar, shoulder straps, pocket flaps and cuffs to be topstitched 1/4" 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 interlined with #285 Stabilized Mello-Press. Cuffs, pocket flaps, shoulder straps and top center to be interlined with #550 Stabilized Mello-Press. Collar band to be interlined with 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.

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.

WOMEN'S LONG SLEEVE SHIRT – WINTER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 203X6604 (Pricing Pages Items 5 – 6)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon
Weight: 11.0 oz. / linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 203X6604. Dress style, top center placket front, full cut tapered fit, banded collar, long sleeves with barrel cuffs, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke and collar band of Dacron/Cotton Poplin. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR & STAND:

Collar points to measure 2-7/8" long with ultrasonically fused-in Mylar stays. 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 under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/4" 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 right front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. 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 3-1/4". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to

have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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:

To be long sleeves with approximate 4 1/2" sleeve vent. Sleeve shall have a one-piece, elbow reinforcement and vent facing. Elbow reinforcement shall extend into the sleeve-closing seam.

CUFFS:

Two piece 1/2-inch hemmed cuff with 1/4" topstitching. Cuffs to measure 2 1/2" in depth with rounded corners (barrel cuffs). Cuffs to be two button adjustable. Cuffs to have woven interlining of #550 Stabilized Mello-Press.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-ligne melamine.

SEWING:

Collar, shoulder straps, pocket flaps and cuffs to be topstitched 1/4" 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 interlined with #285 Stabilized Mello-Press. Cuffs, pocket flaps, shoulder straps and top center to be interlined with #550 Stabilized Mello-Press. Collar band to be interlined with 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.

CONSTRUCTION:

Collars, flaps 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.

WOMEN'S LONG SLEEVE SHIRT WITH ZIPPER – WINTER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 203X6604Z (Pricing Pages Items 7 – 8)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon
Weight: 11.0 oz. / linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 203X6604Z. Dress style, top center placket front with zipper, full cut tapered fit, banded collar, long sleeves with barrel cuffs, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke and collar band of Dacron/Cotton Poplin. Work wear industrial style shirt construction is unacceptable and shall be cause for rejection.

COLLAR & STAND:

Collar points to measure 2-7/8" long with ultrasonically fused-in Mylar stays. 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 under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar height at rear 1-1/2". Collar topstitched 1/4" 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 right front shall have a top center placket 1-1/2" wide with two rows of stitches 7/8" apart. 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 3-1/4". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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. An 11 1/2" nylon zipper, to be set below the second button and buttonhole, shall accomplish front closure. The top, second and bottom buttons to be attached to the left front, the balance to be sewn over the buttonholes on the right front.

SHOULDER STRAPS:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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:

To be long sleeves with approximate 4 1/2" sleeve vent. Sleeve shall have a one-piece, elbow reinforcement and vent facing. Elbow reinforcement shall extend into the sleeve-closing seam.

CUFFS:

Two piece 1/2-inch hemmed cuff with 1/4" topstitching. Cuffs to measure 2 1/2" in depth with rounded corners (barrel cuffs). Cuffs to be two button adjustable. Cuffs to have woven interlining of #550 Stabilized Mello-Press.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-ligne melamine.

SEWING:

Collar, shoulder straps, pocket flaps and cuffs to be topstitched 1/4" 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 interlined with #285 Stabilized Mello-Press. Cuffs, pocket flaps, shoulder straps and top center to be interlined with #550 Stabilized Mello-Press. Collar band to be interlined with 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.

CONSTRUCTION:

Collars, flaps 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.

MEN'S SHORT SLEEVE SHIRT – SUMMER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 669X6604 (Pricing Pages Items 9 – 10)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon
Weight: 11.0 oz. / linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 669X6604. Dress style, top center placket front, full cut tapered fit, convertible collar, short sleeves, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke of Dacron/Cotton Poplin. 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 #285 Stabilized Mello-Press. Stays to be 2 3/4" long, 3/8" minimum width, and to be fused to under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar topstitched 1/4" 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 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". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT:

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 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 5-7/8" 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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 3/4" hem and to finish at a minimum of 9 1/2" long from shoulder seam.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-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.

THREAD:

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

INTERLININGS:

Collar interlined with #285 Stabilized Mello-Press. Pocket flaps shoulder straps and top center to be interlined with #550 Stabilized Mello-Press.

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.

CONSTRUCTION:

Collars, straps 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.

MEN'S SHORT SLEEVE SHIRT WITH ZIPPER – SUMMER ITEM, FLYING CROSS BY FECHHEIMER ITEM 669X6604Z
(Pricing Pages Items 11 – 12)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon
Weight: 11.0 oz. / linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 669X6604Z. Dress style, top center placket front with zipper, full cut tapered fit, convertible collar, short sleeves, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke of Dacron/Cotton Poplin. 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 #285 Stabilized Mello-Press. Stays to be 2 3/4" long, 3/8" minimum width, and to be fused to under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar topstitched 1/4" 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 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". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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. A 15" nylon zipper, to be set below the second button and buttonhole, shall accomplish front closure. The top, second and bottom buttons to be attached to the right front, the balance to be sewn over the buttonholes on the left front.

SHOULDER STRAPS:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT:

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 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 5-7/8" 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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 3/4" hem and to finish at a minimum of 9 1/2" long from shoulder seam.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-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.

THREAD:

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

INTERLININGS:

Collar interlined with #285 Stabilized Mello-Press. Pocket flaps shoulder straps and top center to be interlined with #550 Stabilized Mello-Press.

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.

CONSTRUCTION:

Collars, straps 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.

MEN'S LIGHTWEIGHT SHORT SLEEVE SHIRT – SUMMER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 85R5414SS
(Pricing Pages Items 13 – 14)

FABRIC:

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

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 85R5414SS. Dress style, top center placket front, full cut tapered fit, convertible sport collar, short sleeves and dress shirrtail. Two pleated breast pockets with topstitched scalloped flaps. Topstitched forest green 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 3-1/8" long with ultrasonically fused-in Mylar stays. Collar to have woven interlining of #250 Dacron. Stays to be 2-1/2" long, 3/8" minimum width, and to be fused to under side 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 2-1/2". 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:

Forest Green 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 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 5-7/8" 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 3/4" hem and to finish at a minimum of 9 1/2" 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.

STOCK SIZES:

Shirts must be available in the following sizes:

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

WOMEN'S SHORT SLEEVE SHIRT – SUMMER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 253X6604 (Pricing Pages Items 15 – 16)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon

Weight: 11.0 oz. / Linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 253X6604. Dress style, top center placket front, full cut tapered fit, convertible collar, short sleeves, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke and banana band of Dacron/Cotton Poplin. 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 2 7/8" long with ultrasonically fused-in Mylar stays. 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 under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar topstitched 1/4" 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 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 2 1/2". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT:

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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 3/4" hem and to finish at a minimum of 8 1/2" long from shoulder seam.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-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.

THREAD:

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

INTERLININGS:

Collar interlined with #285 Stabilized Mello-Press. Pocket flaps, shoulder straps and top center to be interlined with #550 Stabilized Mello-Press.

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.

CONSTRUCTION:

Collar, straps 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.

WOMEN'S SHORT SLEEVE SHIRT WITH ZIPPER – SUMMER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 253X6604Z (Pricing Pages Items 17 – 18)

FABRIC:

Content: 65% Dacron Polyester / 35% Rayon
Weight: 11.0 oz. / Linear yard

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 253X6604Z. Dress style, top center placket front with zipper, full cut tapered fit, convertible collar, short sleeves, and dress shirttail. Two plain breast pockets with topstitched scalloped flaps. Topstitched forest green shoulder straps. Exterior badge holder with metal eyelets. Matching inside yoke and banana band of Dacron/Cotton Poplin. 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 2 7/8" long with ultrasonically fused-in Mylar stays. 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 under side of collar interlining. Stays applied directly to collar material itself unacceptable. Collar topstitched 1/4" 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 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 2 1/2". Top center placket to have woven interlining of #550 Stabilized Mello-Press. 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. An 11 1/2" nylon zipper, to be set below the second button and buttonhole, shall accomplish front closure. The top, second and bottom buttons to be attached to the left front, the balance to be sewn over the buttonholes on the right front.

SHOULDER STRAPS:

Forest Green Shoulder straps to be two-piece pointed, 1/4" 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. Interlined with #550 Stabilized Mello-Press. Shoulder strap to have functional buttonhole to attach to sewn button on shoulder of shirt. Edge stitched shoulder strap construction unacceptable.

BADGE REINFORCEMENT:

Exterior holder to finish 1-1/8" wide by 2-1/4" deep with two metal eyelets positioned vertically 1-1/4" apart with bottom eyelet centered 1-1/2" above left pocket flap.

POCKETS:

Two plain breast patch pockets with rounded corners. 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 1/4" topstitched. Flaps to have woven interlining of #550 Stabilized Mello-Press. 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 3/4" hem and to finish at a minimum of 8 1/2" long from shoulder seam.

EMBLEMS:

Agency supplied emblems are to be sewn onto each sleeve, centered 1" down from shoulder seam.

BUTTONS:

First grade 22-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.

THREAD:

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

INTERLININGS:

Collar interlined with #285 Stabilized Mello-Press. Pocket flaps, shoulder straps and top center to be interlined with #550 Stabilized Mello-Press.

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.

CONSTRUCTION:

Collar, straps 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.

WOMEN'S LIGHTWEIGHT SHORT SLEEVE SHIRT – SUMMER ITEM, FLYING CROSS BY FECHHEIMER, ITEM 176R5414SS (Pricing Pages Items 19 – 20)

FABRIC:

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

COLOR:

Silver Tan with Forest Green Shoulder Straps

STYLE:

To be Flying Cross Model 176R5414SS. 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 forest green 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 under side 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:

Forest Green 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 3/4" hem and to finish at a minimum of 8 1/2" 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.

STOCK SIZES:

Shirts must be available in the following sizes:

Bust Sizes 28-52.

5.11 TACTICAL SERIES PERFORMANCE POLO – SHORT SLEEVE - STOCK, ITEM # 71049 (Pricing Pages Items 21 – 22)

FABRIC

100% SmartWeave, Polyester, Jersey Knit, Weight 2.25-230gsm

FEATURES & DESIGN:

3 Button placket

Mic-clip pockets on each shoulder

Mic-clip loop @ sternum level

Dual pen pocket – left sleeve

Flat knit, anti-rolling collar

Saddle-shoulder construction

Gusseted underarm sleeve

Bottom hem – split side vents

STITCHING:

10 – 12 stitches per inch

Double needle coverstitch centered over seams @ armholes, side gussets

Neckline ¼" single needle topstitching

Front placket 1 ¼" wide w/edge stitching both sides

Sleeve hem 1" turned up w/1/4" double needle coverstitch

Hem 1" turned up w/1/4" double needle coverstitch

FINISHING:

Antimicrobial, moisture wicking

BARTACK REINFORCEMENT:

Each side of the shoulder Mic-clip welt pockets

Each side of the Mic-clip loop

Top of each split side vent

CLOSURES:

Buttons – 4 hold melamine (no melt, burn or crack)

20 Ligne Buttons; 3 on center front placket

LABELS:

5.11 Main Label, heat transfer inside the back half moon

Contains fabric content, country of origin, size, care instructions

SIZES:

Men's: Extra-Small, Small, Medium, Large, Extra Large, 2XL, 3XL

COLORS:

Black, Silver Tan, Range Red, LE Green

5.11 TACTICAL SERIES PERFORMANCE POLO – LONG SLEEVE - STOCK, ITEM # 72049 (Pricing Pages Items 23 – 24)

FABRIC:

100% SmartWeave, Polyester, Jersey Knit, Weight 2.25-230gsm

FEATURES & DESIGN:

Button placket
Mic-clip pockets on each shoulder
Mic-clip loop @ sternum level
Dual pen pocket – left sleeve
Flat knit, anti-rolling collar
Saddle-shoulder construction
Gusseted underarm sleeve
Bottom hem – split side vents

STITCHING:

10 – 12 stitches per inch
Double needle coverstitch centered over seams @ armholes, side gussets
Neckline ¼" single needle topstitching
Front placket 1 ¼" wide w/edge stitching both sides
Sleeve hem 1" turned up w/1/4" double needle coverstitch
Hem 1" turned up w/1/4" double needle coverstitch

FINISHING:

Antimicrobial, moisture wicking

BARTACK REINFORCEMENT:

Each side of the shoulder Mic-clip welt pockets
Each side of the Mic-clip loop
Top of each split side vent

CLOSURES:

Buttons – 4 hold melamine (no melt, burn or crack)
20 Ligne Buttons; 3 on center front placket

LABELS:

5.11 Main Label, heat transfer inside the back half moon
Contains fabric content, country of origin, size, care instructions

SIZES:

Men's: Extra-Small, Small, Medium, Large, Extra Large, 2XL, 3XL

COLORS:

Black, Silver Tan, Range Red, LE Green

5.11 TACTICAL SERIES PROFESSIONAL POLO – SHORT SLEEVE – STOCK, ITEM #41060 (Pricing Pages items 25 – 28)

FABRIC TYPE:

100% Cotton Pique

FEATURES:

Wrinkle and Fading Resistant
Specially Treated to Prevent Shrinkage

DESIGN:

3 Button Placket
Hidden Pencil Pocket
Flat Knit Collar – Prevents Curling

STITCHING AND FINISHING:

Treated for Wrinkle Resistant, Oil and Water Repellancy
¼" Topstitch Single Needle on the Cuff Band
2 Needle Cover Stitch on Bottom Hem
Single Needle Topstitch, Edge Stitch

LABELS:

Contains Size, Country of Origin, Fiber Content, Permanently Attached To Garment

BUTTONS:

Melamine

STOCK SIZES:

Regular Sizes: Small, Medium, Large, Extra Large, 2XL, 3XL

Tall Sizes: Large, XL, 2XL, 3XL, 4XL, 5XL

COLORS:

Black, Silver Tan, Range Red, LE Green

5.11 TACTICAL SERIES PROFESSIONAL POLO – LONG SLEEVE – STOCK, ITEM #42056 (Pricing Pages Items 29 – 32)

FABRIC TYPE:

100% Cotton Pique

FEATURES:

Wrinkle Resistant

Non-Facing

Treated to Prevent Shrinkage

No-Roll Collar

DESIGN:

3 Button Placket

Hidden Pencil Pocket

Flat Knit Collar

STITCHING AND FINISHING:

Placket Outline – Single Needle Topstitch

Front Placket – Edge Stitching

Neck Seam, Cuff Band – ¼” Single Needle Topstitching

Embroidery Applied at CB of Inside Halfmoon

LABELS:

Care Instructions, Size, Country of Origin, Fiber Content, Permanently Affixed

BUTTONS:

Melamine

STOCK SIZES:

Regular Sizes: XS, Small, Medium, Large, Extra-Large, 2XL, 3XL

Tall Sizes: Large, XL, 2XL, 3XL, 4XL, 5XL

COLORS:

Black, Silver Tan, Range Red, LE Green

5.11 Tactical Men's Shirt Sizing

Alpha Size	S	M	L	XL	2XL	3XL	4XL	5XL	6XL
Neck Size	14"	15"	16"	17"	18"	19"	20"	21"	22"
Chest Size	36"	40"	44"	48"	52"	56"	60"	64"	68"
Sleeve Length	33.5"	34.5"	35.5"	36.5"	37.5"	38.5"	38.5"	38.5"	38.5"

5.11 Tactical Women's Shirt Sizing

Alpha Size	S	M	L	XL
Chest/Bust Size	34.5" – 35.5"	36.5" – 37.5"	38.5" – 40"	41.5" – 43"

MEN'S AND WOMEN'S CLASS A TROUSER WITH STRIPE – WINTER & SUMMER ITEM, FLYING CROSS BY FECHHEIMER, MEN'S -ITEM 42285DNR; WOMEN'S 45285DNR (Pricing Pages Items 33 – 36)

FABRIC:

Content: 75% Polyester/25% Wool
Weight: 11½ - 12 oz. per linear yard
Weave: Serge

COLOR:

Forest Green

STYLE:

Men's trouser shall be manufactured from an up-to-date men's uniform trouser pattern. The women's 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. Trouser is to have a 1" stripe to the waistband.

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 a single 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.

SEAT:

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

POCKETS:

The two (2) men's front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 5-3/4" measured from the bottom of the opening. The two (2) women's front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 4 ½" 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 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 (on the men's only) 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.

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.

CLOTH STRIPE:

There is to be a 1" cloth stripe sewn from the waistband to the bottom of the trouser leg on the outside of the trouser. Cloth stripe is to be black fabric, 75% polyester / 25% wool, serge weave.

STOCK SIZES:

Trouser must be available from stock in the following sizes:

Men's:	SHORT RISE:	28 - 40 (EVEN ONLY)
	REGULAR RISE:	28 - 60 (EVEN ONLY OVER 38)
	LONG RISE:	32 - 42 (EVEN ONLY)
Women's	4 - 24	

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.

MEN'S AND WOMEN'S CLASS B TROUSERS – WINTER & SUMMER ITEM, FLYING CROSS BY FECHHEIMER; MEN'S ITEM 39405 - WOMEN'S ITEM 39455 (Pricing Pages Items 37 – 39)

FABRIC:

Content: 70% Polyester/28% Rayon/2% Lycra

Weight: 11½ - 12 oz. per linear yard

Weave: Serge

COLOR:

Forest Green

STYLE:

The men's trouser shall be manufactured from an up-to-date men's uniform trouser pattern. The women's 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.

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 a single 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 1/2" 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 1/2" 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 1" 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 stretch 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) men's front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 5-3/4" measured from the bottom of the opening. The two (2) women's front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 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.

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:

Men's:	SHORT RISE:	28 - 40 (EVEN ONLY)
	REGULAR RISE:	28 - 56 (EVEN ONLY ABOVE 38)

Women's: Size 4 - 24

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.

MEN'S AND WOMEN'S CLASS B TROUSERS WITH CARGO POCKETS – WINTER & SUMMER ITEM, FLYING CROSS
BY FECHHEIMER: MEN'S ITEM 39305 - WOMEN'S ITEM 39355 (Pricing Pages items 40 – 42)

FABRIC:

Content:: 70% Polyester/28% Rayon/2% Lycra

Weight: 11½ - 12 oz. per linear yard

Weave: Serge

COLOR:

Forest Green

STYLE:

The men's rouser shall be manufactured from an up-to-date men's uniform trouser pattern. The women's garment shall be manufactured from an up-to-date women's pattern for comfort and easier sizing. The trouser styling shall be T-11: plain front, two (2) quarter top front pockets, two (2) side cargo pockets with hidden cell phone pocket inside right pocket 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.

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 a single 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 1" 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) men's front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 5-3/4" measured from the bottom of the opening. The two (2) women's 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 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 of the 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.

CARGO POCKETS:

There shall be two cargo pockets, one on each side seam. Pockets shall be double-section pleated patch pockets with flaps. The pockets will be centered across the side seam and placed approximately 2" below the bottom of the front quarter-top pocket, measuring from the top of the pocket flap. The pocket shall be constructed of the shell fabric and lined with the specified pocketing. The top edge of the pocket shall be bound. The outside measurements of the pocket shall be a minimum of 7" wide and a minimum of 8" deep with mitered bottom corners. There shall be a 1-1/2" center pleat on each pocket. The pocket flap shall be pointed at the center and measure a minimum of 7-1/4" wide, a minimum of 2" deep at the ends, and a minimum of 3-1/4" deep at the center point. The flap shall be sewn across the top to the inner pocket and down both sides, covering the top edge of the outer pocket. There shall be a 1-1/2" wide x 1" deep piece of Velcro (male side) sewn to the inner ply of the flap and a corresponding piece of Velcro (female side) sewn on the pleat of the pocket. There shall be a vislon zipper sewn behind the inner pocket and to the trouser leg so that the zipper is recessed 1" from the top of the pocket flap. There shall be straight vertical bartacks on all four corners of each pocket flap. The right zippered cargo pocket shall have a hidden cell phone compartment set on the front side of the pocket lining.

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:

Men's:	SHORT RISE:	28 - 40 (EVEN ONLY)
	REGULAR RISE:	28 - 56 (EVEN ONLY OVER 38)

Women's: Size 4 - 24

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.

MEN'S AND WOMEN'S BRUSH PANTS – WINTER & SUMMER ITEM, FLYING CROSS BY FECHHEIMER, MEN'S ITEM ODNRTRS01 – WOMEN'S ITEM ODNRTRSW01 (Pricing Pages Items 43 – 44)

FABRIC:

Content: 65% Polyester / 35% Cotton
Weight: 6 ½ oz. per square yard
Weave: Dauntless
Color: Green

FABRIC:

Content: 100% Nylon
Weight: 5 ½ oz. per square yard
Weave: Plain
Color: Green

STYLE:

The men's trouser shall be manufactured from a men's uniform trouser pattern. The women's trouser shall be manufactured from a women's uniform trouser pattern. The trouser shall incorporate a plain front, two (2) quarter top front pockets and two (2) hip pockets and two cargo pockets. Trouser to be straight leg style. Trouser shall have double fabric reinforcement on both legs made of green nylon fabric. Reinforcement shall begin at mid-thigh and back knee and extend to the bottom of the trouser.

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.

POCKET DESIGN:

The two (2) front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 5 3/4" measured from the bottom of the pocket opening.

The two (2) hip pockets shall have a minimum opening of 5 1/2" and a minimum depth of 5 3/4" measured from the bottom of the pocket opening. Hip pockets shall be constructed with rectangular flaps measuring 5 1/2" X 2 1/8". The corners of the hip pocket and flap shall have Velcro tabs 1" X 1 1/2" to secure pocket.

CARGO POCKET:

There shall be two cargo pockets, one on each side seam. There will be double-section pleated patch pockets with flaps. The pockets will be centered across the side seam and placed approximately 2" below the bottom of the front quarter-top pocket, measuring from the top of the pocket flap. The pocket shall be constructed of dark forest green ambush fabric. The outside measurements of the pocket are 7" wide x 8 1/2" deep with mitered bottom corners. There shall be a 1 1/2" center pleat on each pocket. The pocket flap shall be rectangular and measure 7 1/2" wide, 2 1/4" deep. The flap shall be sewn across the top to the inner pocket. The corners of the cargo pockets and flaps shall have Velcro tabs 1" X 1 1/2" to secure pocket. There shall be a black vislon zipper sewn behind the inner pocket and to the trouser leg so that the zipper is recessed 1" from the top of the pocket flap.

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 a single 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 1/2" 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 1/2" 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.

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.

BELT LOOPS:

There shall be a minimum of seven belt loops 1" 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.

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.

LABELS:

Trouser 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 outside of the waistband.

AVAILABLE SIZES:

Trouser must be available in the following sizes:

Men's; REGULAR RISE: 29 - 50 (EVEN ONLY OVER 40)

Women's: REGULAR Rise: 4 – 22 (EVEN SIZES ONLY)

MEN'S AND WOMEN'S CLASS B SHORTS WITH CARGO POCKETS – SUMMER ITEM, FLYING CROSS BY FECHHEIMER: MEN'S ITEM 39305WS – WOMEN'S ITEM 39355WS (Pricing Pages Items 45 – 47)

FABRIC:

Content: 70% Polyester/28% Rayon/2% Lycra
Weight: 11½ - 12 oz. per linear yard
Weave: Serge

COLOR:

Forest Green

STYLE:

Men's short shall be manufactured from an up-to-date men's uniform short pattern. Women's garment shall be manufactured from an up-to-date women's pattern for comfort and easier sizing. The short styling shall be T-11: plain front, two (2) quarter top front pockets, two (2) side cargo pockets with hidden cell phone pocket inside right pocket 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.

WAISTBAND:

The short 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 a single 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 short, the waistband must also be topstitched below the waistband seam through the waistband curtain for added strength. The back center seam of the short to be finished to allow for alterations (with ample basic short fabric and waistband curtain material to allow short 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 short pocketing and it shall be cut on a 45-degree bias to allow for maximum stretch. The waistband short 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 short pocketing. It is designed to stretch over the hips for comfort, help keep the short 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 1/2" wide rubberized surface area which acts to hold the shirt in place inside the short 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 1/2" 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 1" 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 short 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 short and the top of the loop tacked to the outside of the waistband to allow for easier waist alteration.

FLY:

Short 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 short 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) men's front pockets will be quarter top style with a minimum opening of 6" and a minimum depth of 5-3/4" measured from the bottom of the opening. The two (2) women's 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 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 short fabric. Facing shall be a minimum of 1" and barrier shall measure a minimum of 2" (measured to the inside of the 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 short 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.

CARGO POCKETS:

There shall be two cargo pockets, one on each side seam. Pockets shall be double-section pleated patch pockets with flaps. The pockets will be centered across the side seam and placed approximately 2" below the bottom of the front quarter-top pocket, measuring from the top of the pocket flap. The pocket shall be constructed of the shell fabric and lined with the specified pocketing. The top edge of the pocket shall be bound. The outside measurements of the pocket shall be a minimum of 7" wide and a minimum of 8" deep with mitered bottom corners. There shall be a 1-1/2" center pleat on each pocket. The pocket flap shall be pointed at the center and measure a minimum of 7-1/4" wide, a minimum of 2" deep at the ends, and a minimum of 3-1/4" deep at the center point. The flap shall be sewn across the top to the inner pocket and down both sides, covering the top edge of the outer pocket. There shall be a 1-1/2" wide x 1" deep piece of Velcro (male side) sewn to the inner ply of the flap and a corresponding piece of Velcro (female side) sewn on the pleat of the pocket. There shall be a vislon zipper sewn behind the inner pocket and to the short leg so that the zipper is recessed 1" from the top of the pocket flap. There shall be straight vertical bartacks on all four corners of each pocket flap. The right zippered cargo pocket shall have a hidden cell phone compartment set on the front side of the pocket lining.

CREASES:

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

STITCHING, PRESSING & FINISHING:

Short must be stitched with matching thread. Short 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. Short must be cleaned and finished to eliminate loose threads.

STOCK SIZES:

Men's short must be available from stock in the following sizes:

SHORT RISE:	28 - 40 (EVEN ONLY)
REGULAR RISE:	28 - 56 (EVEN ONLY OVER 38)

Women's short must be available from stock in the following sizes:

Women's	4-24
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LABELS:

Short 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 short material and showing size when shorts are stacked.

**ODNR MEN'S AND WOMEN'S DRESS BLOUSE – MAKE TO ORDER ITEM, FECHHEIMER BROTHERS DRESS COAT #
ODNR DRESS BLOUSE – MADE TO ORDER (Pricing Pages Item 48)**

FABRIC:

RAEFORD #6038-92727 75% DACRON / 25% WOOL WEAVE: SERGE 11 1/2-12 OZ. BREAKING STRENGTH: 130 LBS WARP 100 LBS FILLING CONSTRUCTION: 75 ENDS/INCH 69 PICKS/INCH COLOR: OD GREEN Fabric to be manufactured utilizing yarn spun on the long staple fiber length worsted spinning system. The average individual staple length shall be 3 1/2".

BASIC DESIGN:

Four (4) button, single breasted straight front, semi-form fitting, with notch lapels and epaulets.

BUTTONS:

Four (4) 36 Ligne Gilt buttons sewn on front 4" apart and one (1) 24 Ligne Gilt " button on each pocket flap.

COLLAR:

Shall not be over 1 7/8" wide in back when finished. To be stiffened with best quality Belgium elastic. Under collar of all wool collar cloth, closely padded.

EDGES AND SEAMS:

Edges to be single stitched 3/16". Plain seams, pressed open.

POCKETS:

Two (2) lower scalloped flaps, no pockets, two (2) breast scalloped flaps. Lower and breast flaps to button with gilt "P" buttons. One (1) inside reinforced breast pocket piped with same material 6" wide and 7" deep.

LINING:

Coat is to be fully lined with navy blue rayon or 70 Denier nylon.

VENT:

Shall be back center.

BELT HOOKS:

Coat shall have two belt hooks set into back side seams at waist level.

BADGE TAB:

Separate oval badge tab made of cloth about 1 ½ " wide and 2 ¼" long with two (2) metal eyelets, about 1 ⅛" apart, sewn to the outside left breast of the coat, so that the lower point of the badge is ½" above the breast pocket.

BUTTONHOLES:

All buttonholes, excepting shoulder strap buttonhole, shall be made to a full ½" from the edges of the seam and pocket flaps. The ends of all buttonholes shall be bartacked. All buttonholes to be "cut after" machine made buttonholes. All thread used in making buttonholes shall be black silk, tailor's twist, colorfast and guaranteed against fading.

SWEAT SHIELDS:

A sleeve sweat shield of the same cloth as in the body of the coat, piped with rayon to be securely set under each arm over the lining.

SHOULDER STRAP:

To be sewn in sleeve seam directly on top of the shoulder. The strap shall come under the collar and fasten with 24 Ligne metal button at the edge of collar. Cross stitched. Shoulder Straps to be made of Raeford No. 6038-11000.

OUTLETS:

All body seams to have outlets of not less than 1". Turn up at sleeve cuffs to be no less than 2 ½ ".

EMBLEMS:

Blouse to have Department emblems centered on each sleeve sewn 1 ½" down from the shoulder seam.

CONSTRUCTION:

Hymo, felt and canvas to be properly stayed together with edges taped and sewn into seams. Finest canvas, felt and hymo available and cut to fit the actual size of the coat. Heavy shoulder pads. All findings thoroughly cold water shrunk.

LABELS:

There shall be permanently affixed size label and care instruction label. Garment must be made in the United States of America and bear a union label.

ODNR COMMAND SWEATER - STOCK, FECHHEIMER BROTHERS COMPANY ITEM 00805 (Pricing Pages Item 49)**FABRIC:**

The yarn shall be spun on the worsted system from combed top and shall be of a 2-ply construction. The yarn shall be of 80% Acrylic Monsanto Pil-Trol and 20% Worsted Wool. Color: OD Green

KNIT:

The component parts of body, sleeves, and collar shall be knitted with a 2x2 rib knit with 6 Wales and 10-11 Courses per inch. The cuffs and skirt will be a 2x2 rib knit with 8 Wales and 11 Courses per inch.

CONSTRUCTION:

The sweater is to have a straight body and set-in sleeves. The body and skirt shall be knit in one continuous piece to the required body width. The sleeves and cuffs shall be knit in one continuous piece. The skirt and cuffs shall be finished with a non-raveling bottom edge. A matching cotton 5/8" reinforcement tape shall be sewn into the shoulders and underarm.

DESIGN:

The sweater is a pullover type with a "V" neck opening, long sleeves with shoulder patches, elbow patches, and shoulder loops with hook and pile fasteners. Optional nameplate and badge tabs.

CLOTH PATCHES AND LOOPS:

The cloth used for making the shoulder patches, shoulder straps, elbow patches, nameplate and badge tabs shall be a matching cloth.

BADGE & NAMEPLATE PATCHES:

The badge patch will be 3" x 4" and have metal eyelets spaced 1 ½ " apart. The nameplate will be 1 ½ " x 4" and have metal eyelets spaced 1 ½ " apart.

FINISHING & PACKAGING:

Sweaters shall be constructed in a first class manner with patches, thread used throughout. All exposed inside edges must be serged and all loose threads to be thoroughly trimmed. Sweaters to be individually bagged in clear plastic.

LABELS:

There shall be permanently affixed content and size labels. Garment must be made in the United States of America and bear a union label.

CARE:

Washable.

SIZE RANGE:

XS (30-32), S (34-36), M (38-40), L (42-44), XL (46-48), XXL (50-52), XXXL (54-56)

MEN'S AND WOMEN'S MOCK TURTLENECK SHIRT - STOCK, FLYING CROSS BY FECHHEIMER BROTHERS ITEM 56210 (Pricing Pages Item 50)**DESCRIPTION:**

Jersey Knit, mock turtleneck shirt, Alpha sizing, long sleeves.

COLOR: Black

STYLE:

Long sleeve, pullover top. Sleeves finished with self-goods circular cuffs. Shoulder seams reinforced with latex ribbon. Shoulder and collar setting seams reinforced with double needle coverstitch topstitching. Front hem is straight while the back hem is longer and curved enabling the shirt to remain tucked in despite repeated bending by the wearer.

SIZING:

XS – 5XL

FABRICS:

Constructed of 32/1 92% Cotton and 8% Lycra. Jersey Knit. Weight is 6.34 ounce per square yard.

COLLAR:

Mock Turtle neck collar is 2.25 inch collar. Lycra in collar permits trim fit and helps the collar keep its shape to maintain a neat appearance.

INTERLININGS:

Collar and Cuffs - Stretch fusible.

THREAD:

Dyed to match fabric. Thread is Tec 24, poly over poly core thread for maximum strength and stretch.

CONSTRUCTION:

Garment is constructed with four thread overlock on all seams except collar setting seam. Collar is set with three thread overlock and reinforced with double needle coverstitch.

CONTENT CARE & WARNING LABEL:

To be sewn under manufacturers loop label, sewn in the center back neck under the neck tape. Label will show Size, Content, Manufacturers Style Number, Care Instructions.

SPIEWAK JACKET STYLE POLICE – STOCK, GREEN (021) – MODEL / STYLE / ITEM SH3465 (Pricing Pages Item 51)**DESIGN:**

The jacket shall be an all weather waterproof/breathable uniform duty jacket with specific performance features as detailed in this specification. The garment bid must be made to these specifications to insure minimum performance requirements for comfort, water-proofness, wind-proofness, access to equipment, versatility, durability, ease of care, visibility, breath-ability, appearance, and ease of use. The jacket shall be Spiewak SH3465.

Basic Shell Fabric: The shell fabric shall be Real Tactel™ or equal 2 -ply air texturized 100% nylon with a durable water repellent finish and back coating. Yarn size shall be N/F 70 D/FD x N/ATY 240 D/FD, Density shall be 156 x 52, Weight shall be 168 g/yd, and the back coating shall be PU coated w/p 600mm. Colors shall be Police Green (021). The shell fabric shall also meet the following requirements:

Lining Shell Fabric: The lining shell fabric shall be 100% polyester micro fiber 50 denier/72 filament warp and fill, with a nominal weight of 3.1 (± 0.1) oz/yd². The yarn count shall be 166 x 104 (± 2 ypi). The color shall be black.

Middle Layer (membrane): The middle layer of the two-layer laminate shall be 100% polyester non-porous film with hydrophilic molecular zones built into the membrane laminated to 1.2 (lining shell fabric). The film shall be 100% polyester with no polyurethane mixture permitted.

Laminated Cloth: The film layer shall be laminated to the lining shell fabric (1.2) to effectively produce a waterproof barrier that will meet the above minimum properties.

Laminate Workmanship: The waterproof, moisture vapor permeable fabrics shall conform to the requirements of this specification and shall be free from any defects, which affects appearance or serviceability.

Lining Seams: All lining joining seams shall be 5-needle safety stitched and then sealed with 1" compatible sealing tape using the hot air method.

Seam Sealing Tape: The tape for covering and sealing all seams and stitching through the polyester lining fabric shall be 1 inch wide. The sealing tape shall be a thermoplastic polyurethane adhesive tape. The adhesive for the seam sealing tape shall be made in sufficient thickness to match the laminate performance requirements under the Table for Middle Layer (membrane).

Zippers: All zippers shall be as specified in the construction section of this specification and shall be black in color. Any variation in size, type, or length will be cause for rejection.

Mesh Lining: The mesh inside lining shall be 100% polyester, 80G/Sq M, 150cm, Azo-free, yarn size 50 denier, knit machine 28 gauge, 9 stitches per inch, 1 mm holes, black color and shall have a two way stretch minimum 20% one way and 35% the other way.

Hook & Loop: YKK™ Power hook SA200 Nylon in color black.

Interlining: A 3.5 oz/yd² (minimum) polyester/rayon non-woven interlining with acrylic binder shall be used in the collar, pocket flaps, storm flaps; sleeve tabs and cuff; and bottom hem. A 1.5 oz/yd² (minimum) 1-5/8" wide non-woven interlining (80% polyester / 20% cellulose) shall be used in all draw cord channeling. The color of the interlining is at the manufacturer's discretion but shall not be visible through the basic fabric.

Snaps: All snaps shall be 24 ligne brass oxidized nipple compression snaps with a black anodized cap.

Draw cord: Rubber elastic (multi-strand) braided, nylon or polyester covered, 1/8" to 3/16" wide draw cord shall be used and shall be black in color.

Channel lock: Channel lock shall be a disk style push to release lock. Disk shall be 11/16" long, 3/8" wide, and 1/4" deep and shall be black in color.

Thread: All thread shall be polyester Core, Cotton- or Polyester-Covered, 50/2 poly/cotton or size B, 2 or 3 ply, conforming to type I, class 1, subclass B of MIL-DTL-32072 Thread, Sewing. As an alternate; size 40/2 or 3 ply polyester core thread conforming to A-A-50199 or 100% textured polyester, size B, 2 or 3 ply, conforming to Type I, Class1, subclass B or A-A-52095 Thread, Sewing may be used. The thread shall match the fabric being sewn.

Elastic: The elastic used shall be 1 1/2" in width, knit construction of 1/150 semi-dull polyester yarn with warp of 23 ends and weft of 7 ends. The elastic element shall be 23 ends of a 26-gauge natural elastic latex. There shall be 48 ± 2 finished picks per inch and elongation shall be 130% ± 10%. It shall be constructed with needle width of 23 and machine gauge of 14. The content shall be 46% Latex and 54% Polyester. The color of any exposed elastic shall be black.

Pocket lining: Fleece (1.6), basic shell material (1.1) or lining shell fabric (1.2) as specified in the construction section of this specification.

Fleece: All fleece used in the garment shall be 100% polyester 150d/96f, 420g/y(302g/sqm), 60", 2-side brushed with 1-side anti-pilling, 2-times brushed of backside, Azo free, color black.

Panel Carrier Fabric: The panel carrier fabric shall be 160 denier Cordura Nylon or equal and shall completely cover the non-woven interlining. The shell shall be of 160 denier Cordura or equal and shall have a Teflon rain and stain finish and shall meet the following minimum characteristics: Weight: 4.1 oz per square yard; Coating: Non-ravel; Warp Yarn: 160-68SD; Filling Yarn: 160-68SD; Thread Count: epi (W x F) 103 x 71; Tensile Strength, lb (MD/XD): 149/98; Grab strength, lb (MD/XD): 242/163 lbs.; Spray rating: 90-100; Tongue Tear, lb (MD/MX): 6/9; Color fastness and crocking: Good; Abrasion resistance: 4lbs pressure/1 lb load: over 2000 cycles; Taber cycles: 126 cycles; Wyzenbeck: 303 cycles.

Knit: The knit on the removable liner cuffs and neck shall be 600 Denier 100% Nylon knit stretch fabric, 1 X 1 construction. Content: Wales: 12, courses: 20, color black.

Metal Eyelet: The metal eyelets shall be brass, dull black chemical eyelets and washers.

Quilted Liner Fabric: The fabric for the insulated liner shall be 100% nylon taffeta 290T thread count, 50 denier x 50 denier, water resistant cire, down proof, Azo free.

CONSTRUCTION:

Workmanship: The items specified shall be manufactured in accordance with good commercial quality and practice. All stitching shall be uniformly gauged throughout the garment. Thread breaks and ends of stitching not caught in another line of stitching shall be backstitched not less than 1/2 inch. All thread ends shall be trimmed to 1/8 inch and all loose thread shall be removed from the item. Exposed raw edges are not acceptable anywhere on the garment unless specified.

Stitching: All stitches, seams and stitching shall conform to ASTM D6193. Proper seam allowance and stitching shall be maintained to prevent raw edges, run-offs, twists, pleats, puckers, or open seams. All seams shall start and finish evenly. All stitching shall be uniformly gauged throughout the items. Thread tension shall be maintained, so that there is no tight or loose stitching. The guides and knives on safety stitch machines shall be set to trim only the raveled ends of the fabric. Edge stitching shall be a minimum of 1/16 inch. Topstitching shall be 1/4 inch. Stitch gauge for edge stitching, over-edge stitching, topstitching and all general stitching shall have a minimum of 8-12 stitches per inch.

Seam Sealing: Seam sealing tape application shall conform to the following construction. The hot air method shall be used and the entire width of the seam tape shall be uniformly sealed over the seam or stitching. All seam sealing tapes shall be applied without tension and shall be applied so that a minimum of 1/8 inch overlap is on both sides of the sewn seam. All seam sealing tapes shall overlap a minimum of 3/4 inch at joining points and all seam sealing tape ends shall be sealed such that the ends shall not lift when laundered. Sealed seams and sealed stitching shall show no leakage, tape ends shall show no signs of lifting, and the tape, itself, shall show no sign of lifting, curling, bubbling or separation more than 1/8 inch of the edge if the tape.

Bar-tacks: All bar-tacks shall be 5/8 (+ 1/32) inch long and 1/8 (+ 1/32) inch wide, and shall be a minimum of 42 stitches. Bar-tacking shall be free from thread breaks and loose stitching. All thread ends shall be trimmed to a length of not more than 1/4 inch.

General construction: The entire jacket shall be constructed with basic shell fabric, a middle layer (membrane) laminated to lining shell fabric. All seams shall be taped as specified and the cuff, collar, and bottom band ends cut and trimmed cleanly. All construction features shall conform to making the jacket waterproof. All measurements mentioned in the construction specifications are based on stock size large.

Inside Jacket Detail: There shall be a separate label carrier approximately 3 3/4" x 3 3/4" sewn into the collar seam centered on the back of the inside of the jacket. Cloth certification, size and care labels shall be sewn to the label carrier in accordance with standard commercial practice. There shall be a hanger loop of shell material centered at the neckline. There shall be a female snap attached at the top of the label carrier and centered to secure the removable liner. There shall be two female snaps approximately 2 1/4" from the sleeve bottoms on each side, to attach the removable liner cuffs. There shall be a female snap attached to the lower inside back approximately 2 inches from the edge of the side vent and approximately 2 3/4 inches from the bottom band. There shall be 2 inside storage pockets of shell material, with 6 inch #3 coil zipper closures, one on each side, measuring approximately 9 1/2" deep by 6 1/2" wide with a split welt covering over the zipper. The upper portion of the shell lining shall be mesh as specified to allow maximum ventilation through the rain shed yoke openings. The mesh lining shall be approximately 7" high running through the entire upper portion of the shell lining corresponding to the rain shed yoke.

Facings: There shall be inside facings of shell material with a non-woven interlining approximately 1" wide on each side. There shall be a #5 18" YKK Vislon™ zipper with an over the top slider set between the facings and the lining to attach the removable liner. The slider shall correspond to the matching side on the removable liner. The facing shall be backed with lining material and the seams taped to prevent leakage.

Front: There shall be a double storm flap over the front zipper to create a waterproof fly down the front of the jacket extending into the collar. The outside flap shall measure 26 1/2" long by 2 1/2" wide. It shall be set double needle on the left side from the under collar to the jacket bottom. The storm flap shall be interlined. There shall be six female snaps evenly spaced to correspond with the six male snaps on the inner storm fly. The inner storm fly shall measure approximately 26 1/4" long by approximately 1 1/2" wide. The inner storm flap shall be interlined and set down the front double needle and shall be interlined. The front zipper shall be a #5 two-way YKK Vislon™ zipper 25 1/2" long and shall be bar-tacked at the bottom. There shall be 2 rain-shed yokes, one on each side of the front zipper. The yokes shall be constructed with basic shell fabric, a middle layer (membrane) laminated to lining shell fabric. The yokes shall measure approximately 9 1/4" in length from the high point shoulder by 9 1/2" in width and are designed to allow ventilation through the mesh lining as well as conceal "on demand" Hidden Agenda™, or equal, pull down flaps. There shall be a #3 - 7" YKK Vislon™ interchangeable zipper set into the yoke on each side to attach the corresponding Hidden Agenda™ front panel (see panel spec). The yokes shall close with 3 pieces of hook and loop sewn vertically. Each piece of power hook shall measure approximately 2" horizontally and 5/8" vertically and shall be evenly spaced for a clean and neat appearance. The mesh shall extend all the way from side to side and to the top of the shoulder under the yoke.

Back: The back shall have a rain shed yoke with a 2" turn up designed to conceal the Hidden Agenda™ I.D. flap system. The yoke shall be constructed with basic shell fabric, a middle layer (membrane) laminated to lining shell fabric. The yoke shall measure approximately 9 ¼" in length from the high point shoulder by 24" in width and is designed to allow ventilation through the mesh lining as well as conceal "on demand" Hidden Agenda™ pull down flaps. There shall be three pieces of hook and loop fastener as closures measuring 2" x 5/8" set at equal distance on the inside yoke facing. There shall be a #3 16" YKK Vislon™ interchangeable zipper set into the yoke to attach the corresponding Hidden Agenda™ back panel.

Front Panel Carrier: The front panel carriers shall measure approximately 7.5" wide X 4" long. The panel carrier shall be constructed of 2 layers of black panel carrier fabric sewn together with properly finished edges shall have inter-lining. The panel carrier shall have the slide fastener side of a 7.5" #3 YKK interchangeable Vislon zipper sewn onto to top seam so that the zipper can be used to zip on to the other side of the zipper track on the jacket. The lower back corners shall have an approximately 1 inch square piece of hook side, sewn approximately 1/4 inch from the edges. The hook squares shall match corresponding loop pieces on the yoke linings of the jacket. The front base panels shall be sewn to the front panel carriers with a stitch line going all the way around the base panel approximately ¼ to 1/8 inch from the edge of the base panel. The base panel should be positioned as far down on the panel carrier as practical. The front panel shall be custom white lettering on the fabric backing. The right front panel shall read: OFFICER; the left front panel shall read one of the following custom titles: PARK, WILDLIFE, PRESERVE, FORESTRY, STATE, WATERCRAFT.

Back Panel Carrier: The back panel carrier shall be constructed like the front carrier panels but shall measure approximately 16" long X 5" wide and using a 16" #3 YKK interchangeable Vislon zipper. The back panel shall be custom white lettering to read: ODNR.

Collar: The collar shall be made of 2 plies of the shell material with an interlining sewn to the top collar and shall be 3 ¾" high. The collar points shall be well shaped and symmetrical. There shall be a 7" nylon coil zipper opening on the under collar centered approximately 1" from the neckline and 2 ½" from the collar edge for the drop in hood.

Sleeves: The sleeves shall be two-piece, semi-modified dolman construction. There shall be an eyelet located approximately ½" up from each cuff to allow for ventilation. There shall be a 9" #3 nylon coil access zippers at the joining seams of the 2 under-sleeves located approximately 10" (size large) from the underarm seam to allow interior access to sew on patches without perforating the waterproof liner. The inside approximately 1 inch up from the cuff shall have 2 female snaps one through the sleeve seam and the other on the opposite side for liner cuff attachment. The shoulder seams shall have an inside facing on the sleeve side, 1 ½" wide, of middle layer (membrane material laminated to lining shell fabric).

Cuffs: There shall be a cuff formed of 2 pieces of shell material approximately 1 5/8" wide exposed. The front half of the cuff shall have heavy-duty elastic as a lining stretched and sewn with 2 threads and shall be 5 inches long (+/- ¼ inch) relaxed and 8 inches long (+/- ¼ inch) stretched. The back half of the cuff shall be interlined and shall be 5 inches long. There shall be a cuff tab adjustment approximately 1 ¼" wide tapering to approximately ¾" wide by 3-1/2" long with a female snap and shall be interlined. The top half of the cuff shall be interlined and shall have 3 male snaps for cuff adjustment. The male snaps shall be placed with the first snap at the far end of the cuff piece from the side the tab is sewn and the other two shall be placed approximately 1 inch apart on center. Snaps shall be centered on the width of the cuff.

Epaulets: There shall be an epaulet centered on each shoulder starting approximately 1" from the neckline. The Epaulets shall measure 7" long by 2" wide at the shoulder point graduating to 1 ¾" wide at the narrow end. The epaulet shall be set with a cross-stitch 2" wide and shall have a female snap centered and approximately ¾ inches from the point. The jacket shall have a male snap attached through the shoulder seam and placed appropriately for the female snap on the epaulet to line up properly when snapped closed.

Hand Warmer Cargo Pockets: There shall be two 2-way hand warmer patch front pockets with inverted center pleats, measuring approximately 7 ¼" long by 6 ½" wide with flap closures. The pocket flaps shall be interlined. The hand warmer pocket shall be lined with fleece. The pocket flaps shall be attached to the front joining seam and shall measure 3 ¼" long by 7" wide and shall have mitered corners. There shall be a snap at each corner to secure the pocket flap. The pockets shall be bar-tacked at both the topsides and at the hand warmer opening.

Hidden Security Pockets: There shall be an 8" x ¾" set in bag security pocket with a 7inch YKK Vislon™ #3 coil zipper closure set ¾" from the storm flap and ¾" from the hand warmer pocket towards the center front on both sides. The pocket shall be approximately 6 ¾" deep and 8 " high with the bottom on the pocket opening approximately 3 inches up from the top- of the bottom band. The pocket bag shall be constructed with lining shell fabric. There shall be a welt covering approximately ¾ inches wide and shall be interlined. There shall be bar-tacks at the top and bottom of the pocket opening going through the basic shell fabric and the zipper.

Bottom Band: The front bottom band shall be constructed of 2 plies of shell material, finishing 2" wide and interlined. There shall be 2 male snaps on each side of the front beginning approximately 1" from the side vent, spaced approximately 1 ½" apart and centered on the band to attach the side vent closure tab when the zipper vent is open. The back band shall be constructed with elastic inserted between the folded shell fabric, stretched and stitched with 2 threads evenly spaced. A 4" by 1 5/8" tab of 2 plies of shell material with a female snap shall be provided to secure the waistband at the bottom of the vent opening. A corresponding male snap shall be attached on the center of the waistband with the stud facing inside the jacket and spaced properly to allow the tab to be secured not in use.

Side Vents: There shall be two 10" side vents with #5 10" nylon coil zipper closures to allow access to equipment on either side with a snap/tab closure (see bottom band). There shall be 2 brass-enameled eyelets located above the side vents on each side to allow for ventilation. The side vents shall be backed on the inside by a double fly closure of shell goods. The fly closure shall start at the top of the zipper and each piece shall measure approximately 8 ¼" long x 2 ¼" wide. The flaps shall be held together by 2 power hook and loop squares placed at the top and the bottom of the double fly. Each square shall measure approximately 1' x 1".

Hood: There shall be a 3-piece hood constructed of basic shell material and lined with a middle layer (membrane) laminated to lining shell fabric to form a waterproof/breathable lining that shall drop in between the shell and lining at the collar. The hood shall be attached to the bottom of the zipper opening on the under collar. The hood shall drop in between the shell and lining through an opening in the collar that shall be approximately 1" from the neckline and 2 ½" from end of the collar and close with a 7" nylon coil zipper. There shall be bar-tacks at both ends of the opening through the basic shell fabric and zipper. All hood lining joining seams shall be seam sealed with tape as specified. Joining seams shall be single needle stitched for reinforcement. There shall be an elasticized draw cord around the front perimeter of the hood encased in a ¾ to 1" tunnel, with channel locks for hood adjustment. The draw cord shall exit and re-enter the tunnel on both sides through eyelets and will be sewn into the bottom seam. The eyelets shall be approximately 1 inch apart and the bottom eyelet approximately 1 inch from the bottom of the hood. There shall be a 1" single welt covering over the zipper sewn on the top and side seams of the hood opening. The welt covering shall have interlining.

Removable Liner: The liner shall be a full body zip in/zip out liner. The lining color shall be black. The liner body shall be constructed of 100% nylon 70 denier (106 x 88) nylon quilted to 3M Thinsulate® C100 in a 6" diamond pattern. The body shall be lined with a 100% micro fleece (non pill fleece 420 g/y, 100 % Polyester) for maximum warmth and comfort. There shall be a collar of 100% 1 x 1 nylon stretch knit. There shall be a male snap centered at the neckline to attach the liner to the shell garment. There shall be 2 male snaps located in the bottom of the liner on each side with corresponding snaps sewn into the shell lining. There shall be two #5 YKK Vislon™ 17" zippers with over the top sliders that correspond to the facing zippers in the shell garment. The sleeves shall be constructed of 100% nylon 70 denier 106 x 88 quilted back to back in a 6" diamond pattern to 3M Thinsulate® C100. There shall be a knit gusset located under each arm approximately 4" by 7 ¼" to allow for freedom of movement. There shall be two male 24 ligne oxidized snaps at each sleeve bottom to correspond with the female snaps of the shell garment. The sleeves shall be shaped properly to fit into the shell garment. There shall be two vents approximately 4" long to accommodate the side vents of the shell garment. All seams shall be sewn with a 5-needle safety stitch. The bottom and cuffs shall be finished with 100% nylon binding. There shall be two inside pockets of shell material, one on each side measuring approximately 7" deep and 5 ½" wide.

Labeling: Each garment shall have cloth certification, size and care labels with printing that shall not transfer color. The labels shall be legible for the life of the garment. Labels may be combined if placed in like areas. Each garment shall have a size label placed in accordance with the construction section of this specification.

Emblems: Supplier shall affix ODNR emblem each sleeve, 1" down. The emblem will vary depending on the ODNR Agency. These emblems are provided by the corresponding Agency: Parks & Recreation, Wildlife, Natural Areas/Preserves, Forestry or Watercraft.

Stock Sizes

S – 6 XL Regular

M – 6XL Longs

S – XL Shorts

QUALITY AND VERIFICATION:

Final Appearance Conformance: The jacket sample shall be examined for visual and dimensional defects that affect appearance, as well as material, workmanship, and labeling defects. The garment labels shall be examined for content and appearance. Any variation including fabric finish shall be cause for rejection.

Label Defects: Labels missing, incorrect, not legible, not secure, or not as stated shall be cause for rejection. Fiber content missing, not in English, incorrect terminology, care label missing or incorrect, not legible or visible, size label incorrect, missing or illegible shall be cause for rejection.

Construction Defects: Defects in final appearance of the items or not conforming to good commercial practice shall be cause for rejection. No drill holes or placement marks shall be visible on garment, nor shall any raw edges be visible. Uneven seams, broken or irregular or skipped stitches, needle holes, irregular or uneven top or edge stitching shall be cause for rejection. All measurements shall conform to the Table: Construction measurements by dimension.

Acknowledgement and Guarantee: Bidders must provide in writing on company letterhead from the manufacturer the warranty and guarantee provision for the garment bid with their bid.

Warranty:

The manufacturer warrants, to the original purchaser, that this product shall be free from defects in materials and workmanship for the natural life of the garment from the date of purchase. The manufacturer will repair or replace such product or part thereof, which, upon inspection by manufacturer, is found to be defective in materials or workmanship. As a condition to the obligation of manufacturer to repair or replace such product, the product must be returned to manufacturer.

Warranty Service:

Should a covered product become defective during the warranty period, simply call or write for a return authorization label to return the item to manufacturer. The manufacturer shall use reasonable efforts to repair or replace any product covered by this warranty within thirty days of receipt. In the event repair or replacement shall require more than thirty days, the manufacturer shall notify the customer accordingly.

Warranty limitation:

This warranty shall be void and of no force of effect in the event a covered product has been modified in design or function, subjected to abuse, misuse, mishandling, unauthorized repair or alteration, accident, negligence, abnormal wear and tear; improper cleaning, external damage such as fire, chemical spills, sharp objects. Further, product malfunction or deterioration due to normal wear is not covered by this warranty. This limited warranty only applies to the original purchaser and user of the covered product and is not transferable.

Training Video: Bidder shall supply with their bid a video in Video CD format that will be used for training the Ohio Department of Natural Resources personnel on the jacket. The video shall include instructions on the features and proper care of the garment and its components. The video will include details of the proper use of the features of the garment bid

SPIEWAK WATERPROOF BREATHABLE PROTECTIVE PANT – STOCK, POLICE GREEN (021) MODEL # 1755 (Pricing Pages Item 52)

SHELL FABRIC:

The shell fabric shall be 100% nylon Taslan with a weight of 3.2 oz/yd. The count shall be 160 x 70. The fabric shall be finished with a durable fluorocarbon water and stain repellent finish. The outer shell fabric shall be Police Green (color 021), model #1755.

PERMANENT LINER:

The permanent liner shall be 100% nylon taffeta, 70 denier wrap and fill, color black, coating -WeatherTech waterproof/breathable. All lining joining seams shall be safety stitched and then sealed with 1" heat sealed tape, to prevent leakage. The tape shall be applied by hot air method. The tape shall not be affected by weather, temperature or storage. All stitching through the lining shall be sealed with waterproof tape.

GENERAL DESIGN:

The pant shall feature a split elastic waistband with three 24-ligne D & G brand spring loaded metal oxidized non-rusting nipple snaps on either side. The first snap shall be 1" from the top with the second snap 2" below the first and the third snap 2 ½" below the second snap. The elastic waistband shall be 2" wide sewn completely around. There shall be a female ligne 24 elasticized snap tab 1 3/8" wide X 4" long (relaxed), (6" stretched) on both sides of the waistband that shall be able to be attached to the rear waistband; the tab shall be designed to be snapped over a holster for support. There shall be a male ligne 24 snap on the inside waistband 5" from the opening to secure the tab when not in use. There shall be two male snaps on the front of the waistband spaced approximately 2" apart to attach the snap tab. The first snap shall be 1 5/8" from the opening. There shall be a self fabric belt loop 3/8" wide X 1 ½" length attached to the inside front along the edge of each inside opening to stabilize the belt when worn extended. The outside bottom of each leg shall have a #6 nylon coil zipper 16" long with an over-fly of self-goods to cover the zipper. The over-fly shall be closed with 2/24 ligne snaps. There shall be 1 drain hole located 1 ½" from the bottom of each leg.

CARE:

Wash only

SIZES:

Regular	S - 4XL
Long	M - 4XL
Short	S - 2XL

ALL HATS: PACKING & SHIPPING:

Hats Are To Be Packed One To A Box With Size On The Outside Of Each Box. The Hats Are To Be Packed In Shipping Containers Of Sufficient Strength To Withstand Transportation By Common Carrier And to Assure Safe Arrival At the Delivery Point.

HAT, STRAW, TROOPER STYLE - STOCK, STRATTON ITEM # S-38 (Pricing Pages Item 53)

QUALITY:

5 to 5 ½ mm Bedford Hemp Braid, Tight Weave

COLOR:

Conservation Green

SWEAT BAND:

Head Culture- Foam Sweat

RIBBON:

12 Ligne, Yarn Dyed Grosgrain

CROWN:

Center Crease, Pre-Shaped 4 ¼" High With Side Dents

CROWN VENTS:

None

BRIM EYELETS:

3/8" Oval, One On Each Side, to Accommodate Chin Strap. Standard Centered or Varied as Desired

BADGE EYELETS:

Normally, One In Front, Center About 2 ¼" Above Brim. Variations May Be Made As Desired Or Badge Eyelet May Be Eliminated.

BRIM:

3" Wide, Double, Slight Up-Curl Flange

SIZES:

6 ½ Through 7 7/8

HAT, FELT, TROOPER STYLE - STOCK, STRATTON ITEM # F-38 (Pricing Pages item 54)

FUR/FELT QUALITY:

Stratton #868 Pre-Blocked, Felt. Dye Must Show A Minimum of Discoloration At 100 Hours Fade-O-Meter Test.

COLOR:

Conservation Green

CROWN:

Hats To Be Pre-Blocked With Center Crease and Side Dents: Center Crease 4 ¼" Above Brim And Side Dents 4 ¾" Long and 3/8" deep.

BRIM:

3" Double Thickness. Sizing To Be Cleared From Surface With A Slight Curl.

CROWN EYELETS:

Two On Each Side, 1 1/8" Apart And 2 3/8" Above Brim..

BRIM EYELETS:

One Oval Eyelet Each Side Centered To Accommodate Chin Strap.

SWEAT BAND:

Smooth Grain, Genuine Leather, 1 5/8" Wide Oil Silk Backing.

RIBBON:

12 Ligne, Yarn Dyed, Grosgrain.

SIZES:

6 ½ Through 7 7/8

HAT, STRAW, CAMPAIGN STYLE - STOCK, DOUBLE BRIM, STRATTON ITEM # S-40DB (Pricing Pages Item 55)

QUALITY:

#1 Quality Toyo Braid, Tight Weave. 5 ½ To 6 MM Seven Strand Width.

COLOR:

Conservation Green

CROWN:

Montana Peak Traditional Four Dent Style. Crown to Be 5 ½" High

BRIM:

To Be 3" Wide Straight Flat Set. Two Separate Brims Joined for Extra Strength and Shape Retention. Brims Are Sewn Together. Heavily Stiffened And Shower Proofed. Made of 5 – 5 1/2 MM Bedford Hemp Braid.

STIFFENING:

Crown Double Dipped. Brim Triple Dipped With #21 Sizing By Kempen Paint Company.

CROWN EYELETS:

One Eyelet On Each Side And One In The Rear Of Hat, All Three To Be 2 ¾" Above The Brim.

BRIM EYELETS:

3/8" Oval, One On Each Side, To Accommodate The Chin Strap, Eyelets Centered On Each Side.

BADGE EYELETS:

To Customer Specifications, Normally One In Front 2 1/8" Above The Brim.

SWEAT BAND:

Head Culture Foam Sweat With Oil Silk Liner.

HAT BAND:

9 Ligne, yarn Dyed Grosgrain, ¾" Wide With Bow On The Left Side.

SIZES:

6 ½ Through 7 7/8

HAT, FELT, CAMPAIGN STYLE - STOCK, STRATTON ITEM # F-40 (Pricing Pages Item 56)

QUALITY:

Equal To Or Better Than The 868 Special As Manufactured By Stratton Hats, Inc. Of Chicago Also Listed As The F-40 Campaign Style Felt Hat.

COLOR:

Conservation Green

CROWN:

Montana Peak Traditional Four Dent Style. Crown to Be 5 ½" High

BRIM:

To Be 3" Wide Straight Flat Set. Flat Set, Double Thickness, Heavily Spirit Proofed (Shellac And Alcohol Only)

CROWN EYELETS:

One Eyelet On Each Side And One In The Rear Of Hat, All Three To Be 2 ¾" Above The Brim.

BRIM EYELETS:

3/8" Oval, One On Each Side, To Accommodate The Chin Strap, Eyelets Centered On Each Side.

BADGE EYELETS:

To Customer Specifications, Normally One In Front 2 1/8" Above The Brim

SWEAT BAND:

Genuine Leather, First Selection 1 5/8" Wide, With Oil Silk Underneath 1 1/6" Wide.

HAT BAND:

9 Ligne, yarn Dyed Grosgrain, ¾" Wide With Bow On The Left Side..

SIZES:

6 ½ Through 7 7/8

RAIN COVER FOR TROOPER HAT - STOCK, STRATTON ITEM RC-SH (Pricing Pages Item 57)

SIZES:

State hat style and head size.

RAIN COVER FOR CAMPAIGN HAT - STOCK, STRATTON RC-MP (Pricing Pages Item 58)

SIZES:

State Hat Style and head size.

THREE PIECE BLACK HAT STRAP - STOCK, STRATTON ST-3P-BK (Pricing Pages Item 59)

3-piece black leather strap. Center strap ½" wide. Ends 3/8" wide with snap-type swivel and closure.

COLOR:

Black

HAT CORD, SILVER WITH SILVER ACORNS – STOCK, STRATTON CD-SR (Pricing Pages Item 60)

HAT CORD, GOLD WITH GOLD ACORNS - STOCK, STRATTON CD-GD (Pricing Pages Item 61)

HAT TRAP – STOCK. (Pricing Pages Item 62)

Will protect the entire hat from accidental crushing, fading, or brim warping when used in accordance with manufacturer's recommendations. Lightweight and durable with handle.

RENOVATION – STRATTON TROOPER AND CAMPAIGN FELT HATS (Pricing Pages Item 63)

Hats shall be shipped to the Stratton factory where they shall be washed in top grade dry cleaning solution to assure cleanliness. The crown and brim shall be reshaped on original molds. New sweatband and ribbon shall be installed. Renovated hats shall be packaged in a new containers which are compliant with the packing and shipping specification above and shall be shipped back to the owner. Straw hats may not be reconditioned.

K. SHOES AND BOOTS

BATES MEN'S 3-EYE PADDED COLLAR LEATHER CHUKKA BOOT - STOCK, ITEM #78 (Pricing Pages Item 64)

UPPER:

Black, Smooth cowhide

UPPER LINING:

Drilex Camo 2-tone with 098 foam

EYELETS:

#115 Blind Nickle

BOXTOE:

Knilon Core Thermo-plastic

COUNTER:

Thermo-plastic

INSOLE:

5 Iron Texon

SHANK:

Fiberglass

WELT:

Goodyear storm welt

MIDSOLE:

5 Iron Black Hi-tech

INSOLE INSERT:

Covered polyurethane foam, orthotically designed with dual density heel and forepart pads

WELT STITCHING:

Nylon Braided Cotton

OUTSOLE:

211 Polyurethane Basketweave Outsole. Oil resisting, skid resistant, non marking.

SIZES:

B Width: 3 – 9
D Width: 3 – 12, 13, 14
E Width: 3 – 12, 13, 14
3E Width: 6 – 12, 13, 14

BATES, WOMEN'S PLAIN TOE 4-EYE OXFORD - STOCK, ITEM 752 (Pricing Pages item 65)

UPPER:

Full Grain Cowhide

COLOR:

Black

UPPER LINING:

Cambrelle Two-ply Fused Nylon on Foam

BOXTOE:

Thermoplastic

COUNTER:

Fosstorm Thermoplastic

INSOLE:

Texon 3 ½"

SHANK:

Steel

INSOLE:

Tentex covered polyurethane foam, orthotically designed, with dual axidyne heel and forepart pads

OUTSOLE:

Polyurethane with attached heel; Direct Attach, oil and skid resistant, non-marking.

CERTIFICATION:

15B-876-85

SIZES:

Narrow: 6 – 11, 12
Medium: 4 – 11, 12
Wide: 4 – 11, 12
Extra Wide: 6 – 11

DANNER MEN'S AND WOMEN'S UNINSULATED ACADIA BOOT - STOCK, ITEM 21210 MEN'S / 21210W WOMEN'S (Pricing Pages Item 66)

LAST:

Construction using Danner last #650. Lasts are made in both half and full sizes to accommodate a better fit. Women's specific last in half and full sizes.

SHANK:

Fiberglass shank cut to length in production to each size offered.

LINING:

W. L. Gore's GoreTex waterproof breathable bootie. The GoreTex bootie must be a single seam construction with serge stitched seams and the seams must be sealed with W. L. Gore approved seam sealing tape, and shall be inserted into the upper of the boot to cover the entire length and width of the boot.

UPPER:

Made of a combination of 2.0 – 2.2 mm full grain black polishable leather and 1000 Denier nylon.

Construction and Attachment: Upper is attached to midsole and outsole using multi-layer stitchdown process utilizing Poron/Texon dual density insole board, 3.2 mm rubber /5.5 mm polyurethane midsole, and Vibram 138 Kletterlift outsole.

SPECIAL FEATURES:

Lace to toe

SIZES:

Men's	B Width	8 – 12, 13, 14
	D Width	7 – 12, 13, 14, 15, 16
	EE Width	6 – 12, 13
Women's	Med. Width	5 – 10

DANNER MEN'S AND WOMEN'S INSULATED ACADIA 200 BOOT - STOCK, STYLE/ITEM 69219 MEN'S / 69210W WOMEN'S
(Pricing Pages Item 67)

LAST:

Construction using Danner last #650. Lasts are made in both half and full sizes to accommodate a better fit. Women's specific last in half and full sizes.

SHANK:

Fiberglass shank cut to length in production to each size offered.

LINING:

W. L. Gore's GoreTex waterproof breathable bootie bonded to 200 grams of 3M Thinsulate Ultra Insulation. The GoreTex bootie must be a single seam construction with serge stitched seams and the seams must be sealed with W. L. Gore approved seam sealing tape, and shall be inserted into the upper of the boot to cover the entire length and width of the boot.

UPPER:

Made of a combination of 2.0 – 2.2 mm full grain black polishable leather and 1000 Denier nylon.

Construction and Attachment: Upper is attached to midsole and outsole using multi layer stitchdown process utilizing Poron/Texon dual density insole board, 3.2 mm rubber/5.5mm polyurethane midsole, and Vibram 138 Kletterlift outsole.

SPECIAL FEATURES:

Lace to toe

SIZES:

Men's	B Width:	8 – 12, 13,14
	D Width:	7 – 12, 13, 14, 15, 16
	EE Width:	6 – 12, 13
Women's	Med. Width:	5 – 10

DANNER MEN'S AND WOMEN'S INSULATED ACADIA 400 BOOT – STOCK, STYLE/ITEM 22600 MEN'S / 22600W WOMEN'S
(Pricing Pages Item 68)

LAST:

Construction using Danner last #650. Lasts are made in both half and full sizes to accommodate a better fit. Women's specific last in half and full sizes.

SHANK:

Fiberglass shank cut to length in production to each size offered.

LINING:

W. L. Gore's GoreTex waterproof breathable bootie bonded to 400 grams of 3M Thinsulate Ultra Insulation. The GoreTex bootie must be a single seam construction with serge stitched seams and the seams must be sealed with W. L. Gore approved seam sealing tape, and shall be inserted into the upper of the boot to cover the entire length and width of the boot.

UPPER:

Made of a combination of 2.0 – 2.2 mm full grain black polishable leather and 1000 Denier nylon.

Construction and Attachment: Upper is attached to midsole and outsole using multi layer stitchdown process utilizing Poron/Texon dual density insole board, 3.2 mm rubber/5.5mm polyurethane midsole, and Vibram 138 Kletterlift outsole.

SPECIAL FEATURES:

Lace to toe

SIZES:

Men's	B Width:	8 – 12, 13,14
	D Width:	7 – 12, 13, 14, 15, 16
	EE Width:	6 – 12, 13
Women's	Med. Width:	5 – 10

ROCKY MEN'S 8 INCH LUG SOLE ELIMINATOR BOOT - STOCK, ITEM 8032-1 (Pricing Pages Item 69)

BASIC DESIGN:

8 Inch Gore Tex Lug Sole Eliminator Boot

UPPER MATERIAL:

Black, Full Grain Leather, and Black 1200 Denier Nylon

LINING MATERIAL:

Gore-Tex Black Axiom and Black Cambrelle

FOUNDATION INSOLE:

4.5x Natural Board

OUTSOLE:

Direct Injected Dual Density P.U. (Stalker)

SHANK:

Fiberglass

THREAD:

Black Nylon

INSULATION:

400 Gram Thinsulate

COUNTER:

Chemical Sheet

BOXTOE:

Chemical Sheet

LACE:

57" Black Round (Anti-Wicking)

COLLAR:

Black Full Grain Leather with 3/8" Cushion Foam

TONGUE:

Black 1200 Denier Nylon

EYELETS/HARDWARE:

2 Eyelets (Dark Oxide), 5 D-rings (Gunmetal)

FOOTBED:

Suspension Matrix

SIZES:

Medium: 7-12, 13, 14, 15

Wide: 7-12, 13, 14, 15

Extra Wide: 8-12, 13, 14

ROCKY WOMEN'S 8 INCH CROSS TECH LUG SOLE ELIMINATOR BOOT – STOCK ITEM #4044 (Pricing Pages Item 70)

BASIC DESIGN:

8 Inch CrossTech Lug Sole Eliminator Boot

UPPER MATERIAL:

Black, Full Grain Leather, and Black 1000 DNR 2x2 Ballistic Cordura

LINING MATERIAL:

Quilted Cambrelle with CrossTech Lining

FOUNDATION INSOLE:

#244 Bontex 6.0 Iron

OUTSOLE:

Vibram 108 Black Voyager – Composition Rubber

SHANK:

Fiberglass

THREAD:

Black Nylon

INSULATION:

600 Gram Thinsulate

COUNTER:

Chemical Sheet

BOXTOE:

Molded Plastic Toe Cup

LACE:

45" Black Round (Anti-Wicking)

COLLAR:

Black Full Grain Leather with 3/8" Cushion Foam

TONGUE:

Black Cordura

EYELETS/HARDWARE:

2 Eyelets (Dark Oxide), 5 D-rings (Gunmetal)

FOOTBED:

Rocky Pyramid Support System

SIZES:

Women's: Medium 5 – 10

BROOME CLIP-ON POLYESTER/WOOL 3" NECKTIE, ITEMS 45055, 45015, 45045 AND 45054 – STOCK ITEM (Pricing Pages item 71-74)

COLOR:

Forestry Green (289)

STYLE:

Polyester/Wool 3" Clip-on Tie with Buttonholes and black metal clip

SIZES:

14 ½" Length, style 45055

18" Length, style 45015

20" Length, style 45045

22" Length, style 45054

PERCENTAGE DISCOUNT OFF RETAIL LIST PRICE FOR ITEMS NOT LISTED ABOVE (Pricing Pages Item 75)

Bidders are to quote a percentage discount off retail list price which will apply for any item ordered from stock by the Ohio Department of Natural Resources authorized personnel in conjunction with this contract which is available through the awarded contractor but which is not listed in the detailed specifications above.

Fechheimer Brothers Men's Trouser Finished Measurements / Size Chart						
Size	Waist	Seat	Rise	Thigh	Knee	Bottom
26	26	35	8	24	18 1/4	17 1/2
27	27	36	8 1/8	24 1/2	18 1/2	17 5/8
28	28	37	8 1/4	25	18 3/4	17 3/4
29	29	38	8 3/8	25 1/2	19	17 7/8
30	30	39	8 1/2	26	19 1/4	18
31	31	40	8 5/8	26 1/2	19 1/2	18 1/8
32	32	41	8 3/4	27	19 3/4	18 1/4
33	33	42	8 7/8	27 1/2	20	18 3/8
34	34	43	9	28	20 1/4	18 1/2
35	35	44	9 1/8	28 1/2	20 1/2	18 5/8
36	36	45	9 1/4	29	20 3/4	18 3/4
37	37	46	9 3/8	29 1/2	21	18 7/8
38	38	47	9 1/2	30	21 1/4	19
39	39	48	9 5/8	30 1/2	21 1/2	19 1/8
40	40	49	9 3/4	31	21 3/4	19 1/4
41	41	50	9 7/8	31 1/2	22	19 3/8
42	42	51	10	32	22 1/4	19 1/2
43	43	52	10 1/8	32 1/2	22 1/2	19 5/8
44	44	53	10 1/4	33	22 3/4	19 3/4
45	45	54	10 3/8	33 1/2	23	19 7/8
46	46	55	10 1/2	34	23 1/4	20
47	47	56	10 5/8	34 1/2	23 1/2	20 1/8
48	48	57	10 3/4	35	23 3/4	20 1/4
49	49	58	10 7/8	35 1/2	24	20 3/8
50	50	59	11	36	24 1/4	20 1/2
51	51	60	11 1/8	36 1/2	24 1/2	20 5/8
52	52	61	11 1/4	37	24 3/4	20 3/4
53	53	62	11 3/8	37 1/2	25	20 7/8
54	54	63	11 1/2	38	25 1/4	21
Tolerance		+/- 1/2"				
Rise						
Short		- 1/2				
Regular		0				
Long		+ 3/4				

Fechheimer Brothers Women's Fashion Fit Trouser Measurement Chart																																												
SIZE	WAIST	SEAT	KNEE	BOTTO M	INSEAM	OUTSEAM	RISE	THIGH																																				
2	28	37	19 1/2	18 5/8	36	45 1/4	8 1/4	24 1/2																																				
4	29	38	19 3/4	18 3/4	36	45 3/8	8 3/8	25																																				
6	30	39	20	18 7/8	36	45 1/2	8 1/2	25 1/2																																				
8	31	40	20 1/4	19	36	45 5/8	8 5/8	26																																				
10	32	41	20 1/2	19 1/8	36	45 3/4	8 3/4	26 1/2																																				
12	34	43	21	19 3/8	36	46	9	28 1/2																																				
14	36	45	21 1/2	19 5/8	36	46 1/4	9 1/4	29 1/2																																				
16	38	47	22	19 7/8	36	46 1/2	9 1/2	30 1/2																																				
18	40	49	22 1/2	20 1/8	36	46 3/4	9 3/4	31 1/2																																				
20	42	51	23	20 3/8	36	47	10	32 1/2																																				
22	44	53	23 1/2	20 5/8	36	47 1/4	10 1/4	33 1/2																																				
24	46	55	24	20 7/8	36	47 1/2	10 1/2	34 1/2																																				
26	48	57	24 1/2	21 1/8	36	47 3/4	10 3/4	35 1/2																																				
28	50	59	25	21 3/8	36	48	11	36 1/2																																				
30	52	61	25 1/2	21 5/8	36	48 1/4	11 1/4	37 1/2																																				
32	54	63	26	21 7/8	36	48 1/2	11 1/2	38 1/2																																				
34	56	65	26 1/2	22 1/8	36	48 3/4	11 3/4	39 1/2																																				
<p>TOLERANCE +/- 1/2"</p> <table border="0"> <tr> <td colspan="4">UNFINISHED INSEAM MEASUREMENT</td> <td colspan="5">RISE MEASUREMENT</td> </tr> <tr> <td>SHORT</td> <td>34</td> <td></td> <td></td> <td>SHORT</td> <td>-1/2"</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REGULAR</td> <td>36</td> <td></td> <td></td> <td>REG.</td> <td>AS</td> <td>CHART</td> <td></td> <td></td> </tr> <tr> <td>LONG</td> <td>38</td> <td></td> <td></td> <td>LONG</td> <td>+3/4"</td> <td></td> <td></td> <td></td> </tr> </table>									UNFINISHED INSEAM MEASUREMENT				RISE MEASUREMENT					SHORT	34			SHORT	-1/2"				REGULAR	36			REG.	AS	CHART			LONG	38			LONG	+3/4"			
UNFINISHED INSEAM MEASUREMENT				RISE MEASUREMENT																																								
SHORT	34			SHORT	-1/2"																																							
REGULAR	36			REG.	AS	CHART																																						
LONG	38			LONG	+3/4"																																							

Fechheimer Brothers Company Male Shirt Finished Dimension Chart											
Neck Size ==>	Tolerance	XXS		XS		S		M		L	
		12	12.5	13	13.5	14	14.5	15	15.5	16	16.5
Neckband Length	+1/4, - 1/8	12 1/2	13	13 1/2	14	14 1/2	15	15 1/2	16	16 1/2	17
Banded Collar Length	+1/4, - 1/8	12	12 1/2	13	13 1/2	14	14 1/2	15	15 1/2	16	16 1/2
Sport Collar Length	+1/4, - 1/8	11 7/8	12 3/8	12 7/8	13 3/8	13 7/8	14 3/8	14 7/8	15 3/8	15 7/8	16 3/8
Chest Width	+/- 1	32	34	36	38	40	42	44	46	48	50
Waist	+/- 1	29 1/2	31 1/2	33 1/2	35 1/2	37 1/2	39 1/2	41 1/2	43 1/2	45 1/2	47 1/2
Across Back	+/- 1/2	12 1/2	13 1/4	14	14 3/4	15 1/2	16 1/4	17	17 3/4	18 1/2	19 1/4
CB Length	+/- 1	30 3/4	31	31 1/4	31 1/2	31 3/4	32	32 1/4	32 1/2	32 3/4	33
Side Length	+/- 1	18 1/2	18 5/8	18 3/4	18 7/8	19	19 1/8	19 1/4	19 3/8	19 1/2	19 5/8
Long Sleeve Length	+/- 1/2	*	*	*	*	*	*	*	*	*	*
Short Sleeve Length	+/- 1/2	9 1/8	9 1/4	9 3/8	9 1/2	9 5/8	9 3/4	9 7/8	10	10 1/8	10 1/4
Sweep	+/- 1	34 1/2	36 1/2	38 1/2	40 1/2	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2	52 1/2
Short Sleeve Opening	+1/4, - 1/8	14 3/8	14 3/4	15 1/8	15 1/2	15 7/8	16 1/4	16 5/8	17	17 3/8	17 3/4
Long Sleeve Cuff Opening	+/- 1/8	8	8	8 1/2	8 1/2	8 1/2	8 1/2	9	9	9	9
Neck Size ==>	Tolerance	XL		2XL		3XL		4XL			
		17	17.5	18	18.5	19	19.5	20	20.5		
Neckband Length	+1/4, - 1/8	17 1/2	18	18 1/2	19	19 1/2	20	20 1/2	21		
Banded Collar Length	+1/4, - 1/8	17	17 1/2	18	18 1/2	19	19 1/2	20	20 1/2		
Sport Collar Length	+1/4, - 1/8	16 7/8	17 3/8	17 7/8	18 3/8	18 7/8	19 3/8	19 7/8	20 3/8		
Chest Width	+/- 1	52	54	56	58	60	62	64	66		
Waist	+/- 1	49 1/2	51 1/2	53 1/2	55 1/2	57 1/2	59 1/2	61 1/2	63 1/2		
Across Back	+/- 1/2	20	20 3/4	21 1/2	22 1/4	23	23 3/4	24 1/2	25 1/4		
CB Length	+/- 1	33 1/4	35	35 1/4	35 1/2	35 3/4	36	36 1/4	36 1/2		
Side Length	+/- 1	19 3/4	20 7/8	21	21 1/8	21 1/4	21 3/8	21 1/2	21 5/8		
Long Sleeve Length	+/- 1/2	*	*	*	*	*	*	*	*		
Short Sleeve Length	+/- 1/2	10 3/8	10 1/2	10 5/8	10 3/4	10 7/8	11	11 1/8	11 1/4		
Sweep	+/- 1	54 1/2	56 1/2	58 1/2	60 1/2	62 1/2	64 1/2	66 1/2	68 1/2		
Short Sleeve Opening	+1/4, - 1/8	18 1/8	18 1/2	18 7/8	19 1/4	19 5/8	20	20 3/8	20 3/4		
Long Sleeve Cuff Opening	+/- 1/8	9 1/2	9 1/2	9 1/2	9 1/2	10	10	10	10		

Fechheimer Brothers Company Ladies #75 Deluxe Long Sleeve Shirt Size Chart								
Numeric Size ==>		26	28	30	32	34	36	38
	Tolerance							
Front Length	+/- 1	29 1/4	29 3/8	29 1/2	29 5/8	29 3/4	29 7/8	30
CF Length	+/- 1	26 1/2	26 5/8	26 3/4	26 7/8	27	27 1/8	27 1/4
CB Length	+/- 1	29 1/8	29 1/4	29 3/8	29 1/2	29 5/8	29 3/4	29 7/8
Side Length	+/- 1	16 3/8	16 1/2	16 5/8	16 3/4	16 7/8	17	17 1/8
Chest Width	+/- 1	32	34	36	38	40	42	44
Across Shoulder	+/- 1/2	13 7/8	14 1/4	14 5/8	15	15 3/8	15 3/4	16 1/8
Across Back	+/- 1/2	13 3/4	14 1/8	14 1/2	14 7/8	15 1/4	15 5/8	16
Sleeve Length XS	+/- 1/2	28	28	28	28	28	29	29
Sleeve Length S	+/- 1/2	29	29	29	29	29	30	30
Sleeve Length M	+/- 1/2	30	30	30	30	30	31	31
Sleeve Length L	+/- 1/2	31	31	31	31	31	32	32
Sleeve Length XL	+/- 1/2	32	32	32	32	32	33	33
Sleeve Length 2XL	+/- 1/2	33	33	33	33	33	34	34
Sleeve Length 3XL	+/- 1/2	34	34	34	34	34	35	35
Waist	+/- 1	27 3/4	29 3/4	31 3/4	33 3/4	35 3/4	37 3/4	39 3/4
Sweep	+/- 1	34	36	38	40	42	44	46
Armhole	+/- 1/4	15 3/4	16 1/2	17 1/4	18	18 3/4	19 1/2	20 1/4
Muscle	+/- 1/2	12 7/8	13 5/8	14 3/8	15 1/8	15 7/8	16 3/8	16 7/8
Elbow	+/- 1/4	12 1/4	12 5/8	13	13 3/8	13 3/4	14 1/4	15
Cuff Opening	+/- 1/8	7	7	7 1/2	7 1/2	8	8	8 1/2
Neckband Length	+ 1/4, - 1/8	12	12 1/2	13	13 1/2	14	14 1/2	15
Banded Collar Lgth	+ 1/4, - 1/8	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2
Sport Collar Length	+ 1/4, - 1/8	11 7/8	12 3/8	12 7/8	13 3/8	13 7/8	14 3/8	14 7/8
Numeric Size ==>		40	42	44	46	48	50	52
	Tolerance							
Front Length	+/- 1	30 1/8	30 1/4	30 3/8	30 1/2	30 5/8	30 3/4	30 7/8
CF Length	+/- 1	27 3/8	27 1/2	27 5/8	27 3/4	27 7/8	28	28 1/8
CB Length	+/- 1	30	30 1/8	30 1/4	30 3/8	30 1/2	30 5/8	30 3/4
Side Length	+/- 1	17 1/4	17 3/8	17 1/2	17 5/8	17 3/4	17 7/8	18
Chest Width	+/- 1	46	48	50	52	54	56	58
Across Shoulder	+/- 1/2	16 1/2	16 7/8	17 1/4	17 5/8	18	18 3/8	18 3/4
Across Back	+/- 1/2	16 3/8	16 3/4	17 1/8	17 1/2	17 7/8	18 1/4	18 5/8
Sleeve Length XS	+/- 1/2	30	31	31	31	31	31	31
Sleeve Length S	+/- 1/2	31	32	32	32	32	32	32
Sleeve Length M	+/- 1/2	32	33	33	33	33	33	33
Sleeve Length L	+/- 1/2	33	34	34	34	34	34	34
Sleeve Length XL	+/- 1/2	34	35	35	35	35	35	35
Sleeve Length 2XL	+/- 1/2	35	36	36	36	36	36	36
Sleeve Length 3XL	+/- 1/2	36	37	37	37	37	37	37
Waist	+/- 1	41 3/4	43 3/4	45 3/4	47 3/4	49 3/4	51 3/4	53 3/4
Sweep	+/- 1	48	50	52	54	56	58	60
Armhole	+/- 1/4	21	21 3/4	22 1/2	23 1/4	24	24 3/4	25 1/2
Muscle	+/- 1/2	17 3/8	17 7/8	18 3/8	18 7/8	19 3/8	19 7/8	20 3/8
Elbow	+/- 1/4	15 1/2	16 1/4	17	17 3/4	18 1/2	19 1/4	20
Cuff Opening	+/- 1/8	8 1/2	9	9	9 1/2	9 1/2	10	10
Neckband Length	+ 1/4, - 1/8	15 1/2	16	16 1/2	17	17 1/2	18	18 1/2
Banded Collar Lgth	+ 1/4, - 1/8	15	15 1/2	16	16 1/2	17	17 1/2	18
Sport Collar Length	+ 1/4, - 1/8	15 3/8	15 7/8	16 3/8	16 7/8	17 3/8	17 7/8	18 3/8

Fechheimer Brothers Company Ladies #75 Deluxe Short Sleeve Shirt Size Chart									
Numeric Size ==>		26	28	30	32	34	36	38	40
	Tolerance								
Front Length	+/- 1	29 1/4	29 3/8	29 1/2	29 5/8	29 3/4	29 7/8	30	30 1/8
CF Length	+/- 1	26 1/2	26 5/8	26 3/4	26 7/8	27	27 1/8	27 1/4	27 3/8
CB Length	+/- 1	29 1/8	29 1/4	29 3/8	29 1/2	29 5/8	29 3/4	29 7/8	30
Side Length	+/- 1	16 3/8	16 1/2	16 5/8	16 3/4	16 7/8	17	17 1/8	17 1/4
Chest Width	+/- 1	32	34	36	38	40	42	44	46
Across Shoulder	+/- 1/4	13 7/8	14 1/4	14 5/8	15	15 3/8	15 3/4	16 1/8	16 1/2
Across Back	+/- 1/4	13 3/4	14 1/8	14 1/2	14 7/8	15 1/4	15 5/8	16	16 3/8
Sleeve Length	+/- 1/2	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	10
Waist	+/- 1	27 3/4	29 3/4	31 3/4	33 3/4	35 3/4	37 3/4	39 3/4	41 3/4
Sweep	+/- 1	34	36	38	40	42	44	46	48
Armhole	+/- 1/4	15 3/4	16 1/2	17 1/4	18	18 3/4	19 1/2	20	20 1/2
Muscle	+/- 1/2	12 5/8	13 1/2	14 1/4	15 1/8	15 7/8	16 3/4	17 1/2	18 3/8
Sleeve. Opening	+/- 1/4	11 5/8	12 3/8	13 1/8	13 7/8	14 5/8	15 3/8	16 1/8	16 7/8
Neckband Length	+ 1/4, - 1/8	12	12 1/2	13	13 1/2	14	14 1/2	15	15 1/2
Banded Collar Lgth	+ 1/4, - 1/8	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15
Sport Collar Length	+ 1/4, - 1/8	11 7/8	12 3/8	12 7/8	13 3/8	13 7/8	14 3/8	14 7/8	15 3/8
Numeric Size ==>		42	44	46	48	50	52	54	
	Tolerance								
Front Length	+/- 1	30 1/4	30 3/8	30 1/2	30 5/8	30 3/4	30 7/8	31	
CF Length	+/- 1	27 1/2	27 5/8	27 3/4	27 7/8	28	28 1/8	28 1/4	
CB Length	+/- 1	30 1/8	30 1/4	30 3/8	30 1/2	30 5/8	30 3/4	30 7/8	
Side Length	+/- 1	17 3/8	17 1/2	17 5/8	17 3/4	17 7/8	18	18 1/8	
Chest Width	+/- 1	48	50	52	54	56	58	60	
Across Shoulder	+/- 1/4	16 7/8	17 1/4	17 5/8	18	18 3/8	18 3/4	19 1/8	
Across Back	+/- 1/4	16 3/4	17 1/8	17 1/2	17 7/8	18 1/4	18 5/8	19	
Sleeve Length	+/- 1/2	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	
Waist	+/- 1	43 3/4	45 3/4	47 3/4	49 3/4	51 3/4	53 3/4	55 3/4	
Sweep	+/- 1	50	52	54	56	58	60	62	
Armhole	+/- 1/4	21	21 1/2	22	22 3/4	23 1/2	24 1/4	25	
Muscle	+/- 1/2	19 1/8	20	20 3/4	21 5/8	22 3/8	23 1/4	24	
Sleeve. Opening	+/- 1/4	17 5/8	18 3/8	19 1/8	19 7/8	20 5/8	21 3/8	22 1/8	
Neckband Length	+ 1/4, - 1/8	16	16 1/2	17	17 1/2	18	18 1/2	19	
Banded Collar Lgth	+ 1/4, - 1/8	15 1/2	16	16 1/2	17	17 1/2	18	18 1/2	
Sport Collar Length	+ 1/4, - 1/8	15 7/8	16 3/8	16 7/8	17 3/8	17 7/8	18 3/8	18 7/8	

Bid Pricing Page

UNSPSC Code	Bid Item	Description	Manufacturer Item Number	Est. Annual Vol	UO M	Bid Price \$
53101602		Men's Long Sleeve Shirt. Flying Cross by Fechheimer				
	1	Neck Size: 13" through 18 ½"	319X6604	95	EA	
	2	Neck Size 19" & Up	319X6604	10	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101602		Men's Long Sleeve Shirt W/Zipper Front, Flying Cross by Fechheimer				
	3	Neck Size: 13" through 18 ½"	319X6604Z	309	EA	
	4	Neck Size 19" & Up	319X6604Z	35	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101604		Women's Long Sleeve Shirt, Flying Cross by Fechheimer				
	5	Size 30 through 46	203X6604	14	EA	
	6	Size 48 and up	203X6604	1	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101604		Women's Long Sleeve Shirt w/Zipper Front, Flying Cross by Fechheimer				
	7	Size 30 through 46	203X6604Z	82	EA	
	8	Size 48 and up	203X6604Z	5	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101602		Men's Short Sleeve Shirt, Flying Cross by Fechheimer				
	9	Neck Size: 13" through 18 ½"	669X6604	95	EA	
	10	Neck Size 19" & Up	669X6604	10	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101602		Men's Short Sleeve Shirt w/Zipper Front, Flying Cross by Fechheimer				
	11	Neck Size: 13" through 18 ½"	669X6604Z	377	EA	
	12	Neck Size 19" & Up	669X6604Z	42	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101602		Men's Lightweight Short Sleeve Shirt, Flying Cross by Fechheimer				
	13	Neck Size: 13" through 18 ½"	85R5414SS	145	EA	
	14	Neck Size 19" & Up	85R5414SS	15	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	

Bid Pricing Page

UNSPSC Code	Bid Itm	Description	Manufacturer Item Number	Est. Annual Vol	UO M	Bid Price
53101604		Women's Short Sleeve Shirt, Flying Cross by Fechheimer				
	15	Size 30 through 46	253X6604	14	EA	
	16	Size 48 and up	253X6604	1	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101604		Women's Short Sleeve Shirt w/Zipper Front, Flying Cross by Fechheimer				
	17	Size 30 through 46	253X6604Z	102	EA	
	18	Size 48 and up	253X6604Z	10	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101604		Women's Lightweight Short Sleeve Shirt, Flying Cross by Fechheimer				
	19	Size 30 through 46	176R5414SS	27	EA	
	20	Size 48 and up	176R5414SS	3	EA	
		Long Body Option Price (not evaluated)			EA	
		Made-to-Measure Price (not evaluated)			EA	
		Athletic Fit Price (not evaluated)			EA	
53101602		Performance Polo – Short Sleeve, 5.11 Tactical Series				
	21	Sizes XS through 2XL	71049	440	EA	
	22	Sizes 3XL and up	71049	49	EA	
53101602		Performance Polo – Long Sleeve, 5.11 Tactical Series				
	23	Sizes XS through 2XL	72049	35	EA	
	24	Sizes 3XL and up	72049	4	EA	
53101602		Professional Polo – Short Sleeve, 5.11 Tactical Series				
	25	Regular Sizes S through 2XL	41060	158	EA	
	26	Regular Sizes 3XL and Up	41060	15	EA	
	27	Tall Sizes L, XL, 2XL	41060	5	EA	
	28	Tall Sizes 3XL through 5XL	41060	5	EA	
53101602		Professional Polo – Long Sleeve, 5.11 Tactical Series				
	29	Regular Sizes S through 2XL	42056	68	EA	
	30	Regular Sizes 3XL and Up	42056	9	EA	
	31	Tall Sizes L, XL, 2XL	42056	4	EA	
	32	Tall Sizes 3XL through 5XL	42056	2	EA	
53101502		Men's Class A Trouser With Stripe Flying Cross by Fechheimer				
	33	Short Rise 28 – 40 (Even Only)	42285DNR	9	EA	
	34	Regular Rise 28 – 60 (Even Only Over 38)	42285DNR	165	EA	
	35	Long Rise 32 – 42 (Even Only)	42285DNR	13	EA	
53101504		Women's Class A Trouser With Stripe Flying Cross by Fechheimer				
	36	Size 4-24	45285DNR	26	EA	
53101502		Men's Class B Trouser, Flying Cross by Fechheimer				
	37	Short Rise 28 – 40 (Even Only)	39405	4	EA	
	38	Regular Rise 28 – 56 (Even Only Above 38)	39405	54	EA	
53101504		Women's Class B Trouser, Flying Cross by Fechheimer				
	39	Size 4 – 24	39455	25	EA	

Bid Pricing Page

UNSPSC Code	Bid Item	Description	Manufacturer Item Number	Est. Annual Vol	UO M	Bid Price
53101502		Men's Class B Trouser w/Cargo Pocket Flying Cross by Fechheimer				
	40	Short Rise 28 – 40 (Even Only)	39305	33	EA	
	41	Regular Rise 28 – 56 (Even Only Above 38)	39305	460	EA	
53101504		Women's Class B Trouser w/Cargo Pocket, Flying Cross by Fechheimer				
	42	Size 4 – 24	39355	84	EA	
53101502		Men's Brush Pants, Flying Cross by Fechheimer				
	43	Regular Rise 29 – 50 (Even Only Over 40)	ODNRTRS01	137	EA	
53101504		Women's Brush Pants, Flying Cross by Fechheimer				
	44	Regular Rise 4 – 22 (Even Sizes Only)	ODNRTRSW01	21	EA	
53101502		Men's Walking Shorts w/Cargo Pocket, Flying Cross by Fechheimer				
	45	Short Rise 28 – 40 (Even Only)	39305WS	5	EA	
	46	Regular Rise 28 – 56 (Even Only Over 38)	39305WS	79	EA	
53101504		Women's Walking Shorts w/Cargo Pocket, Flying Cross by Fechheimer				
	47	Size 4 – 24	39355WS	2	EA	
53101802	48	ODNR Men's And Women's Dress Blouse Fechheimer Brothers Dress Coat , # ODNR Dress Blouse	Made to Order	2	EA	
53101702	49	ODNR Command Sweater, Fechheimer Brothers	00805	81	EA	
53101602	50	ODNR Mock Turtleneck Shirt, Fechheimer Brothers	56210	360	EA	
53101802	51	Spiewak Jacket	SH3465	73	EA	
53101502	52	Spiewak Waterproof Breathable Protective Pant	1755	10	EA	
53102503	53.	Hat, Straw, Trooper Style by Stratton	S-38	27	EA	
53102503	54.	Hat Felt, Trooper Style by Stratton	F-38	27	EA	
53102503	55	Hat, Straw, Campaign, Double Brim by Stratton	S-40DB	75	EA	
53102503	56	Hat, Felt, Campaign by Stratton	F-40	77	EA	
53102503	57	Rain Cover For Trooper Style Hat by Stratton	RC-SH	150	EA	
53102503	58	Rain Cover for Campaign Hat by Stratton	RC-MP	29	EA	
53102503	59	Three Piece Black Hat Strap by Stratton	ST-3P-BK	4	EA	
53102503	60	Hat Cord, Silver With Silver Acorns by Stratton	CD-SR	24	EA	
53102503	61	Hat Cord, Gold With Gold Acorns by Stratton	CD-GD	2	EA	
53102503	62	Hat Trap by Stratton	N/A	50	EA	
53102503	63	Stratton Factory Renovation For Stratton Felt Trooper and Campaign Style Hat	N/A	2	EA	
53111501	64	Bates Men's 3-Eye, Padded Collar, Leather Chukka Boot	78	57	PR	
53111602	65	Bates Women's Plain Toe 4-Eye Oxford	752	10	PR	
53111501	66	Danner Men's And Women's Uninsulated Acadia Boot	21210/21210W	172	PR	
53111501	67	Danner Men's And Women's Insulated Acadia 200 Boot	69210/69210W	59	PR	
53111501	68	Danner Men's And Women's Insulated Acadia 400 Boot	22600/22600W	169	PR	
53111501	69	Rocky Men's 8 Inch Lug Sole Eliminator Boot	8032-1	60	PR	
53111502	70	Rocky Women's 8 Inch Cross Tech Lug Sole Eliminator Boot	4044	5	PR	
53102500	71	Broome Clip-On Polyester/Wool 3" Wide Necktie 14 ½"	45055	4	EA	
53102500	72	Broome Clip-On Polyester/Wool 3" Wide Necktie 18"	45015	38	EA	
53102500	73	Broome Clip-On Polyester/Wool 3" Wide Necktie 20"	45045	38	EA	
53102500	74	Broome Clip-On Polyester/Wool 3" Wide Necktie 22"	45954	5	EA	
53100000	75	Percentage Discount Off Vendor's Retail List Price For Items Not Listed Above	N/A	\$15,000	PCT	

Bid Submission Checklist

Mandatory Submissions – Must Accompany The Bid Response*

Submitted	Submittal Description	Page Reference
_____	Bid Cover Page – Signed In Blue Ink	Page 1
_____	Buy Ohio And Domestic Preferences	Page 2
_____	Manufacturers Specification Sheets	Page 3
_____	On-Line Web Based Catalog Capability Documentation	Page 5-6
_____	Automobile Liability Insurance Checklist	Page 6
_____	Disclosure of Subcontractors	Page 6
_____	Bidder Disclosure Statement	Page 7

Required Submittals – Should Be Submitted With The Bid, But If Not Must Be Submitted Within Seven (7) Business Days Of Notification**

_____	Declaration Regarding Material Assistance Or Non-Assistance To A Terrorist Organization	Page 2
_____	Authorized Dealer Statement	Page 3
_____	Descriptive Literature	Page 4
_____	Affirmative Action Program Verification	Page 8
_____	State of Ohio Bureau of Workers Compensation Certificate Of Insurance Or Other Appropriate Workers Compensation Insurance Certificate	Page 9
_____	Insurance Requirements ***	Page 9
_____	Federal Taxpayer Identification Form W-9	Page 8

* Mandatory submissions must be submitted with the bid response. Failure to submit mandatory submissions with your bid response may deem your bid not responsive.

** Required documentation/materials should be submitted with the Bid. If not submitted with the Bid, the Bidder must provide the said documentation/materials within seven (7) business days after notification to the Office of State Purchasing. Failure to provide required documentation within this timeframe may deem your bid not responsive.

*** Submit an Acord Certificate or similar certificate from your insurance agent/carrier showing compliance with the required coverage amounts. (See INSURANCE REQUIREMENTS: page 9 of this bid and/or Supplemental Contract Terms and Conditions section S-12 and S-13).