

**COLUMBUS CONSOLIDATED GOVERNMENT  
ANNUAL CONTRACT ROUTING MEMORANDUM**

**DATE:** August 2, 2021

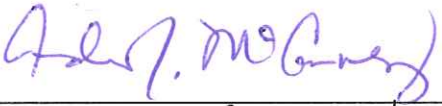
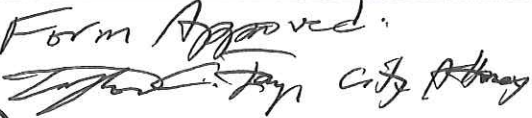
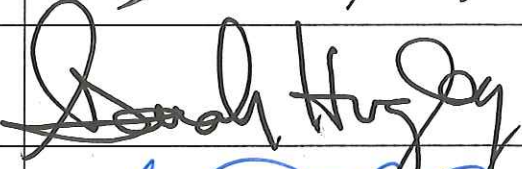
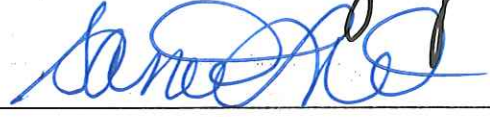

**SUBJECT:** Protective Fire Clothing and Accessories (Annual Contract); RFB No. 21-0035

**FROM:** Patti Postorino, Purchasing Division

Please route for appropriate signatures, copies of the attached contract with NAFECO, North America Fire Equipment Co, Inc (Decatur, GA) (Contractor). The firm will provide firefighters with body protection against extreme temperature, sharp objects, steam water penetration, hot particles, and other hazards encountered during structural firefighting. These items will be procured on an "as needed" basis and are to be utilized by the Columbus Fire & EMS Department. The term of this contract shall be for two (2) years with the option to renew for three additional twelve-month periods. Funds are budgeted each fiscal year for this on-going expense:

**Fire & EMS Department:** General Fund – Fire & EMS – Logistic/Support – Uniforms,  
0101-410-3610-LOGI-6781.

**Council authorized this contract per Resolution No. 236-21, dated July 27, 2021 (copy is attached).**

Signatories	Signatures Required ( <i>No initials please</i> )	Date
<b>Purchasing Division Manager</b> Signature of Approval		8/2/21
<b>City Attorney:</b> Signature required on Contracts	Form Approved: 	8/2/21
<b>City Manager:</b> Signature required on Contracts		8/2/21
<b>Clerk of Council:</b> Signature Required on Contracts & Attest/Seal		8/2/21
<b>Buyer:</b> Process / Distribute		08/04/21

*After all signatures have been applied, please contact Purchasing Division (ext - 3070) for distribution.*

# CONTRACT

THIS CONTRACT, executed this 4th day of August 2021, by and between the **Consolidated Government of Columbus, Georgia**, hereinafter called the "City", and **North America Fire Equipment Co, Inc dba NAFECO (Decatur, GA)**, hereinafter called the "Contractor".

## WITNESSETH:

That in consideration of the mutual covenants, obligations, and terms set-forth in the attached proposal and specifications, the parties hereby agree as follows:

1. That the Contractor met all proposal requirements and was evaluated most responsive for providing **Protective Fire Clothing and Accessories (Annual Contract)**, per **RFB No. 21-0035**, and was awarded the Contract by Columbus City Council on Tuesday, July 27, 2021, Resolution No. 236-21, for the contract term of two (2) years, beginning August 22, 2021 through August 21, 2023, for furnishing the same in accordance with the specifications prepared by the City and the proposal of the Contractor.
2. The Contractor will, at its own cost and expense, furnish all tools, materials and labor required to be furnished, provide all related services required, and meet all other requirements or conditions imposed, all strictly in accordance with the City's Business Requirements, the City's Request for Proposals, dated June 7, 2021 (and all addenda thereto), the Contractor's bid dated June 30, 2021 which are attached hereto as exhibits "A", "B" and "C" respectively, and which are by reference made a part hereof to the same extent as if fully set out herein.
3. On the faithful performance of this Contract by the Contractor, the City will pay the Contractor in accordance with the terms and on the conditions stated in this Contract and the exhibits attached to and by reference made a part hereof.

**CONTRACT SIGNATURE PAGE**

**PROTECTIVE FIRE CLOTHING AND ACCESSORIES  
(Annual Contract) RFB No. 21-0035**

The undersigned hereby declares that he has/they have carefully examined the specifications herein referred to and will provide all equipment, terms and services of the Consolidated Government of Columbus, Georgia:

Jessie Tranks  
Witness as to the signing of the contract

Ronda Sanders  
Witness as to the signing of the contract

Ronald Woodall  
Signature of Authorized Representative Date

Ronald Woodall, Vice President  
Print Name and Title of Signatory

North America Fire Equipment Co., Inc.  
Company Name (NAFECO)



(Corporate seal, if applicable)

**Company Ordering Address**

1515 West Moulton Street

Decatur, AL 35601

Contact Angela Henderson

Email angela.henderson@nafeco.com

Telephone 256-353-7100

Fax 256-355-0852

**Company Payment Address**

1515 West Moulton Street

Decatur, AL 35601

Contact Becky Carwile

Email becky.carwile@nafeco.com

Telephone 256-353-7100

Fax 256-355-0852

**CONSOLIDATED GOVERNMENT OF COLUMBUS, GEORGIA**

Accepted this 2<sup>nd</sup> day of August 20 21

Asaiah Hugley  
Asaiah Hugley, City Manager

**APPROVED AS TO LEGAL FORM:**

Clifton C. Fay  
Clifton C. Fay, City Attorney

**ATTEST:**

Sandra T. Davis  
Sandra T. Davis, Clerk of Council

**EXECUTION AUTHORIZED**

By Resolution No. 236-21

Sandra T. Davis  
Clerk of Council



**RESOLUTION**

**NO. 236-21**

**A RESOLUTION AUTHORIZING THE PURCHASE OF PROTECTIVE FIRE CLOTHING AND ACCESSORIES ON AN "AS NEEDED" BASIS FROM NAFECO, NORTH AMERICA FIRE EQUIPMENT CO, INC (DECATUR, GA) FOR THE ESTIMATED ANNUAL CONTRACT VALUE OF \$87,405.60.**

**WHEREAS**, the contracted vendor will provide protective fire clothing and accessories which includes protective coats, protective pants, suspenders, hoods, gloves, helmets, bunker boots and other fire accessories, on an "as needed" basis and will be utilized by the Columbus Fire & EMS Department; and

**WHEREAS**, the contract term shall be for two (2) years with an option to renew for three (3) additional twelve month periods. Renewal of the contract is contingent upon the mutual agreement of the City and the Contractors.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

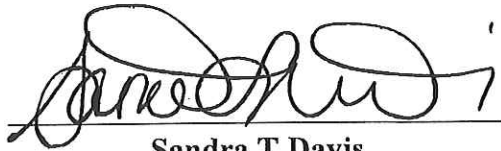
That the City Manager is hereby authorized to purchase protective fire clothing and accessories which includes protective coats, protective pants, suspenders, hoods, gloves, helmets, bunker boots and other fire accessories, on an "as needed" basis from NAFECO (Decatur, GA) for the estimated annual contract value of \$87,405.60. The contract term shall be for two (2) years with an option to renew for three (3) additional twelve- month periods. Funds are budgeted each fiscal year for this ongoing expense; General Fund - Fire & EMS - Logistic/Support – Uniforms, 0101-410-3610-LOGI-6781.

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Introduced at a regular meeting of the Council of Columbus, Georgia held on the 27<sup>th</sup> day of July, 2021 and adopted at said meeting by the affirmative vote of eight members of said Council.

Councilor Allen	voting <u>ABSENT</u>
Councilor Barnes	voting <u>ABSENT</u>
Councilor Crabb	voting <u>YES</u>
Councilor Davis	voting <u>YES</u>
Councilor Garrett	voting <u>YES</u>
Councilor House	voting <u>YES</u>
Councilor Huff	voting <u>YES</u>
Councilor Tucker	voting <u>YES</u>
Councilor Thomas	voting <u>YES</u>
Councilor Woodson	voting <u>YES</u>





Sandra T Davis  
Clerk of Council



B. H. "Skip" Henderson, III  
Mayor

**EXHIBIT A**

*Columbus Consolidated Government  
Protective Fire Clothing and Accessories (Annual Contract)*

*RFB No. 21-0035*

*North America Fire Equipment Co, Inc.  
dba NAFECO*

*Business Requirements*

## Request for Taxpayer Identification Number and Certification

Give Form to the  
 requester. Do not  
 send to the IRS.

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type.  
 See Specific Instructions on page 3.

<b>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.</b> NORTH AMERICA FIRE EQUIPMENT CO INC	
<b>2 Business name/disregarded entity name, if different from above</b> NAFECO	
<b>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</b> <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate  <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ <small>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</small>  <input type="checkbox"/> Other (see instructions) ▶ _____	<b>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</b>  Exempt payee code (if any) _____  Exemption from FATCA reporting code (if any) _____  <small>(Applies to accounts maintained outside the U.S.)</small>
<b>5 Address (number, street, and apt. or suite no.) See instructions.</b> 1515 W. MOULTON ST	Requester's name and address (optional)
<b>6 City, state, and ZIP code</b> DECATUR, AL 35601	
<b>7 List account number(s) here (optional)</b>	

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

<b>Social security number</b>										
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OR										
<b>Employer identification number</b>										
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### Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

<b>Sign Here</b>	Signature of U.S. person ▶ <i>David R. Oake</i>	Date ▶ 1-8-21
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### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

#### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
  - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
  - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
  - Form 1099-S (proceeds from real estate transactions)
  - Form 1099-K (merchant card and third party network transactions)
  - Form 1099 (home mortgage interest), 1099-E (student loan interest), 1099-T (tuition)
  - Form 1099-C (canceled debt)
  - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.



07/20/21

Search by TIN, Acct., or Name

**Check for imported payees with non-matching TIN data and verify new payees**

TIN Matching allows you to verify your Payee data against the IRS TIN Matching database to verify if you have the correct TIN data for your payees.

**Sovos can take care of your mismatched TINs & B-Notices**

Sovos offers the ability to automatically mail the appropriate forms to your mismatched payees and request corrected information. The responses come directly to you, and the W-9/B-Notice solicitations are saved for your reference in File Manager. Depending on your subscription, additional fees may apply.

[Print & Mail W-9 Solicitations](#)

[Print & Mail B-Notices](#)

The W9 Solicitation button has been disabled as you have already sent your solicitations.

**Mismatched Records**

TIN	Name

[Download](#)

**Individual TIN Lookup**

Verify individual Payee Social Security and Employer ID numbers.

Name:  TIN:  [Verify Payee](#)

**TIN Status: PASS**

**OFAC Check: PASS**

**DMF Check: PASS**

[Back to Home](#)

2021



2021

Mailing Name and Address:

NORTH ALABAMA FIRE EQUIPMENT C  
1515 W MOULTON ST

DECATUR AL 35601

THIS LICENSE EXPIRES :

12/2021

Taxpayer ID Number :

1379

Location Number :

1

Date License Issued :

02/08/2021

License Number :

2021-3645

NORTH AMERICAN FIRE EQUIPMENT C  
1515 W MOULTON ST

DECATUR AL 35601

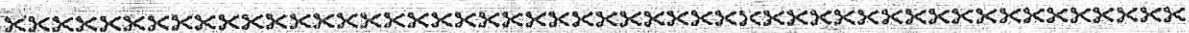
**Non-transferable**  
**Non-refundable**

Code	Description
2238_26	CONTRACTOR/SUB-CONTRACTOR SPE
424_47	MERCHANT, WHOLESALE

**COPY**

Stacy Gilley  
City Clerk

**BUSINESS LICENSES RENEW EACH JANUARY\*\***



Detach below prior to posting this business license

Business License Receipt

NORTH ALABAMA FIRE  
EQUIPMENT CO

CITY OF DECATUR

Code	Description	Amount
2238_26	CONTRACTOR/SUB-CONTRACTOR SP	\$150.00
424_47	MERCHANT, WHOLESALE	\$369.83

SID: R02022021JH

Total Discount	\$0.00	Total License(s)	\$519.83
Total Fee 1-5	\$0.00	Total Penalty	\$0.00
Total Issue Fee	\$12.00	Total Interest	\$0.00
		<b>Total Amount Remitted</b>	<b>\$531.83</b>



**EXHIBIT B**

*Columbus Consolidated Government*

*Protective Fire Clothing and Accessories (Annual Contract)*

*RFB No. 21-0035*

*Request for Bids*



**COLUMBUS CONSOLIDATED  
GOVERNMENT**

Georgia's First Consolidated Government



**FINANCE DEPARTMENT  
PURCHASING DIVISION**

100 TENTH STREET, P. O. BOX 1340  
COLUMBUS, GEORGIA 31902-1340  
706-225-4087, Fax 706-225-3033  
BidLine 706-225-4536  
[www.columbusga.org](http://www.columbusga.org)

June 11, 2021

**Addendum No. 1**

**Protective Fire Clothing and Accessories (Annual Contract)  
RFB No. 21-0035**

**Acknowledgment of receipt of Addenda must be included with sealed bid. Failure to acknowledge receipt of this addendum may render your bid "incomplete".**

**Initials: \_\_\_\_\_ Company: \_\_\_\_\_**

Vendors are informed that the above subject Bid is hereby modified, corrected, or supplemented as specified, described and set forth in this Addendum:

1. *Question:* "Item 4 on the Pricing Page lists "PGI Cobra Ultimate" hood (pg 35), but the provided specs indicate Majestic Pac II P84 (pg 29). Please advise."

**Answer:** The bid should be based on the PGI Cobra Ultimate hood as shown on the Pricing Page, Line 4. **Specifications for the HOOD are hereby changed to APPENDIX A:**

Majestic Pac II P84 Hood specifications (Page 29) has been replaced with PGI Cobra Ultimate Hood. **See REVISED Detailed Description/Specifications, Appendix A (attached), and submit with your bid.**

2. *Question:* "Item 5 on the Pricing Page lists "Vanguard MK1" glove (pg 35), but the provided specs indicate Shelby 5225/5226 (pg 29). Please advise."

**Answer:** The bid should be based on the Vanguard MK1, Model 7877, Gauntlet glove as shown on the Pricing Page, Line 5. **Specifications for GLOVES are hereby changed to APPENDIX B:**

Shelby Specialty Gloves specifications (Pages 31-32) has been replaced with Vanguard MK-1 Model 7877, Gauntlet gloves. **See REVISED Detailed Description/Specifications, Appendix B (attached), and submit with your bid.**

3. Question: "Can you provide some detail on the desired leather front? I.E. Number of panels? What is in the center? Is back bracket needed? All of this information has an effect of the pricing."

Answer: The leather front for helmets is by Conway Shield. We use three (3) different colors – black, red and white. There are two (2) panels. There is nothing on center. No bracket on back.

4. Question: "Does the department have a preferred make & model for the leather structural boot?"

Answer: The preferred make & model for boots is Thorogood Hellfire or equivalent.

**Andrea J. McCorvey**  
**Purchasing Division Manager**



**APPENDIX A**

**REVISED**

**DETAILED DESCRIPTION / SPECIFICATIONS**

**PGI Cobra Ultimate HOOD  
NFPA 1971, Current Edition**

**DESIGN:** Two Piece with Notched Shoulder. Carbon Shield 2-ply, Color - Black, Long, Model #3049298

**MATERIAL COMPOSITION**

40% P84  
55% Lenzing FR  
5% Kevlar

**COMPLY**                       **YES**                       **NO**

**HEAD DESIGN**

Layers 2 ply material; Length from top of head to neck is 13 inches; Width back seam to top of face is 9 inches; Width back seam to bottom of head is 11 inches; Sizing is one size fits all (universal size). Do not modify, change or alter your protective hood in any manner.

**COMPLY**                       **YES**                       **NO**

**BIB DESIGN**

Layers 2 ply material; Length 8 inches (front and back); Notched shoulder design from top of head to bottom of notches shoulder is 15 inches.

**COMPLY**                       **YES**                       **NO**

**OVERALL HOOD**

Length from top of head to bottom of apron is 21 inches;  
Face Opening Measurement: Sewn with 1/2" elastic.  
Elastic Face Opening relaxed is 5 inches (UL requirement 4.7 – 5.7 inches) and stretches to 15 inches.

**COMPLY**                       **YES**                       **NO**

**CONSTRUCTION**

Two Piece 100% Nomex thread, with Notched Should Insert. Meets or Exceeds NFPA 1971 Current Edition and is UL Certified.

**COMPLY**                       **YES**                       **NO**

**SEAMS**

All seams are merrow stitched then top and bottom covered with a 5-thread cover stitch for extended durability. All bottom edges are bound with binding. Thread is 100% Nomex.

**COMPLY**                       **YES**                       **NO**

**CARE**

Machine wash warm with regular detergent – no chlorine bleach. Tumble dry low heat.  
DO NOT commercially dry clean.

**COMPLY**                       **YES**                       **NO**



**CERTIFICATION**

Meets or exceeds NFPA 1971, Current Edition and is UL Certified. Meets or exceeds Cal/OSHA Standards.

**COMPLY**                           **YES**                           **NO**

**WARRANTY INFORMATION**

The hood is warranted by the manufacturer to be free from defects in material and workmanship. This warranty does not cover normal wear or unusual exposures. This warranty is in lieu of all other warranties, express or implied, including but not limited to, implied warranties or marketability and / or fitness for a particular purpose. The manufacturer shall not be liable to incidental or consequential damages.

**COMPLY**                           **YES**                           **NO**

APPENDIX B

REVISED

DETAILED DESCRIPTION / SPECIFICATIONS

**VANGUARD MK-1 GLOVES  
MODEL # 7877, GAUNTLET**

The Vanguard Safety Wear MK-1 model is a gauntlet style wing thumb structural firefighting glove certified compliant to the NFPA 1971 Standard on Protective Ensemble for Structural firefighting-2018 edition, by the Safety Equipment Institute McLean, VA USA.

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**PALM**

The glove **outer shell on the palm side and along the finger sidewalls** is constructed of water resistant suede goat hide. All finger tips have a separately stitched rolled over portion of suede goat hide about 4cm along the palm side and about 3cm along the back side to enhance tactility/dexterity.

The **second palm side layer and finger sidewalls** layer is 100% Kevlar knit fabric.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**BACK**

The glove **back side outer shell** is constructed of water resistant suede cowhide from the cuff edge to slightly beyond the finger crotches and also at **the back of thumb**.

The **second back side layer** is 100% Kevlar knit fabric funning the full length of the glove.

The **third back side layer** is 100% Kevlar non-woven fabric running the full length of the glove.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**INNER LINING**

The glove inner lining is a smooth 100% Kevlar knit fabric. The glove is also fully lined with a **Porelle brand polyurethane moisture barrier** which is itself certified compliant to the NFPA 1971-2018 edition Standard.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**FEATURES**

Sculpted **Finger Tip** construction for enhanced tactility/dexterity.

The **thumb crotch** is reinforced with cowhide suede leather to reduce wear.

**Palm layers** are sewn down together to enhance grip.

The glove is stitched entirely with **100% Kevlar thread**.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**AVAILABLE SIZES**

64N-82XW (XXS-XXXL) + 4XL, 5XL. Cadet Sizing 70W-82XW

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

# COLUMBUS CONSOLIDATED GOVERNMENT

Georgia's First Consolidated Government



## FINANCE DEPARTMENT PURCHASING DIVISION

100 TENTH STREET, COLUMBUS, GEORGIA 31901  
P. O. BOX 1340, COLUMBUS, GEORGIA 31902-1340  
706-225-4087, Fax 706-225-3033  
[www.columbusga.org](http://www.columbusga.org)

Date: June 7, 2021

<p>REQUEST FOR BIDS:  RFB No: 21-0035</p>	<p>Qualified vendors are invited to submit sealed bids, subject to conditions and instructions as specified, for the furnishing of:  <b>PROTECTIVE FIRE CLOTHING AND ACCESSORIES (Annual Contract)</b></p>
<p>GENERAL SCOPE</p>	<p>Provide firefighters with body protection against extreme temperature, sharp objects, steam water penetration, hot particles, and other hazards encountered during structural firefighting. These items will be procured on an "as needed" basis and are to be utilized by the Columbus Fire &amp; EMS Department. The contract term will be for two years with the option to renew for three additional twelve-month periods.</p>
<p>DUE DATE</p>	<p><b>JUNE 30, 2021 - 2:30 PM (Eastern)</b> Responses must be submitted via DemandStar on or before the due date. A virtual opening will be held during the 3:00 PM hour of the due date. <i>Responding vendors are not required, but are invited to attend the opening.</i></p> <p>If you wish to attend the virtual opening, use one of the Microsoft Teams meeting options: <a href="#">Click here to join the meeting</a> <b>Or call in (audio only)</b> +1 478-239-0725,,855808406# United States, Macon Phone Conference ID: 855 808 406# <a href="#">Find a local number</a>   <a href="#">Reset PIN</a> . <b>Note: Columbus Consolidated Government is not responsible for technical issues that may arise during the virtual opening.</b></p>
<p>BID SUBMISSION REQUIREMENTS</p>	<p>Due to the COVID-19 pandemic, the Purchasing Division is suspending the receipt of hard copies of sealed bid responses and public solicitation openings until further notice. <b>Effective Immediately, bid responses must be submitted via DemandStar. See Appendix A for Submission Requirements, Submission Requirements Checklist, and DemandStar Registration and Submission Instructions.</b></p>
<p>ADDENDA</p>	<p><b><u>IMPORTANT INFORMATION</u></b></p> <p>Any and all addenda will be posted on the Purchasing Division's web page, at <a href="https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid_Opportunities.htm">https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid_Opportunities.htm</a>. <b>It is the vendors' responsibility to periodically visit the web page for addenda before the due date and prior to submitting a quote.</b></p>
<p>"NO BID" RESPONSE</p>	<p>Refer to the form on <b>page 3</b> if you are not interested in this invitation.</p>



**Andrea J. McCorvey**  
Purchasing Division Manager



# **IMPORTANT INFORMATION**

## **e-Notification**

The City uses the Georgia Procurement Registry e-notification system. You must register with the Team Georgia Market Place/Georgia Procurement Registry to receive future procurement notifications via <http://doas.ga.gov/state-purchasing/suppliers/getting-started-as-a-supplier>.

**If you have any questions or encounter any problems while registering, please contact the Team Georgia Marketplace Procurement Helpdesk:**

**Telephone: 404-657-6000**

**Fax: 404-657-8444**

**Email: [procurementhelp@doas.ga.gov](mailto:procurementhelp@doas.ga.gov)**

## STATEMENT OF "NO BID"

**Complete and return this form immediately if you do not intend to Bid:**

**Email:** bidopportunities@columbusga.org  
**Fax:** (706) 225-3033 **Attn: Patti Postorino, Buyer**  
**Mail:** Columbus Consolidated Government  
Purchasing Division  
P. O. Box 1340  
Columbus, GA 31902-1340

We, the undersigned decline to bid on your **RFB No. 21-0035** for **Protective Fire Clothing and Accessories (Annual Contract)** for the following reason(s):

- Specifications too "tight", i.e. geared toward one brand or manufacturer only (explain below)
- There is insufficient time to respond to the Request for Bids.
- We do not offer this product or service.
- We are unable to meet specifications.
- We are unable to meet bond requirements.
- Specifications are unclear (explain below).
- We are unable to meet insurance requirements.
- Other (specify below)

**Remarks:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**COMPANY NAME:** \_\_\_\_\_

**AGENT:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**TELEPHONE NUMBER:** \_\_\_\_\_

**EMAIL ADDRESS:** \_\_\_\_\_



# GENERAL PROVISIONS

THESE GENERAL PROVISIONS SHALL BE DEEMED AS PART OF THE BID SPECIFICATIONS.

The provisions of the Procurement Ordinance for the Consolidated Government of Columbus, Georgia as adopted and amended by Council shall apply to all invitations for bids and award of all contracts and is specifically incorporated herein by this reference. A copy of the ordinance is on file in the Purchasing Division.

1. **TERM "CITY"**. The term "City" as used throughout these documents will mean Consolidated Government of Columbus, Georgia.

2. **PREPARATION OF FORM**. Bid proposals shall be submitted on the forms provided by the City. All figures must be written in ink or typewritten. Figures written in pencil or erasures are not acceptable. However, mistakes may be crossed out, corrections inserted adjacent thereto, initialed in ink by the person signing the proposal. If there are discrepancies between unit prices quoted and extensions, the unit price will prevail. Failure to properly sign forms, in ink, will render bid incomplete.

3. **EXECUTION OF THE BID PROPOSAL**. Execution of the bid proposal will indicate the bidder is familiar and in compliance with all local laws, regulations, ordinances, site inspections, licenses, dray tags, etc.

4. **BID DUE DATE**. The bid submission must arrive in the Purchasing Division on or before the stated due date and time. Upon receipt, bids will be time and date stamped. Bids will remain sealed and secured until the stated due date and time for the bid opening.

5. **BID OPENING**. The Purchasing Division Manager or Purchasing staff appointee will open bids. The bid amount and other pertinent information as determined by the Purchasing Division Manager will be read and recorded. The bids as recorded at the bid opening represent a draft tabulation and may include incorrect price extensions or transcription errors and are subject to change if conflicting information is discovered during analysis of the bid responses. A bid tabulation will be made available to bidders after extensions have been checked and all other specification compliance has been determined. **In the essence of time, bidders may not be allowed to review bids at the bid opening. However, bidders will be allowed to make appointments to review the bids at a later date.**

6. **LATE BIDS**. It is the responsibility of the bidder to ensure bids are submitted by the specified due date and time. Bids received after the stated date and time will be returned, unopened, to the bidder. The official clock to determine the date and time will be the time/date stamp located in the Finance Department. All bids received will be time and date stamped by the official clock. The City will not be held responsible for the late delivery of bids due to the U.S. Mail Service, or any other courier service.

7. **RECEIPT OF ONE SEALED BID**. In the event only one sealed bid is received, no formal bid opening shall take place. First, the Purchasing Division shall conduct a survey of vendors to inquire of "no bid" responses and non-responsive vendors. If, from the survey, it is determined by the Purchasing Division that specifications need revision, the one bid received will be returned, unopened, to the responding vendor, with a letter of explanation and a new bid solicitation prepared. If it is determined that other vendors need to be contacted, the bid due date will be extended, and the one bid received will remain sealed until the new bid opening date. The vendor submitting the single bid will receive a letter of explanation.

**If it is determined the one bid received is from the only responsive, responsible bidder, then the bid shall be opened by the Purchasing Division Manager or designee, in the presence of at least one other witness. The single bid will be evaluated by the using agency for award recommendation.**

8. **RECEIPT OF TIE BIDS**. In the event multiple responsive, responsible bidders are tied for the lowest price and all other terms and requirements are met by all tied bidders, the award recommendation shall be resolved in the order of the preferences listed below:

1. Award to the local bidder whose principal place of business is located in Columbus, Georgia.
2. Award to bidder previously awarded based on favorable prior experience.
3. Award to bidder whose principal place of business is located in the State of Georgia.
4. If feasible, divide the award equally among the bidders.
5. If it is not feasible to award equally and only two bidders are tied, perform a coin toss in the presence of the two bidders, either in person or virtually.
6. *If the above preferences are insufficient to resolve the tie, all bid responses will be rejected and the bid will be re-advertised.*

9. **RECEIPT OF MULTIPLE BIDS**. Unless otherwise stated in the bid specifications, the City will accept one and only one bid per vendor. Any unsolicited multiple bid(s) will not be considered. If prior to the bid opening, more than one bid is received from the same vendor, the following will occur: (1) the bidder will be contacted and required to submit written acknowledgment of the bid to be considered; (2) the additional bid(s) will be returned to the bidder unopened. If at the bid opening more than one bid is enclosed in a single bid package, the City will consider the vendor non-responsive and bids will be returned to the bidder.



**10. CONDITIONS AND PACKAGING.** Unless otherwise defined in the bid specifications, it is understood and agreed that any item offered or furnished shall be new, in current production and in first class condition, that all containers shall be new and suitable for storage or shipment, and that prices include standard commercial packaging.

**11. FREIGHT/SHIPPING/HANDLING CHARGES.** All freight, shipping, and handling charges shall be included in the bid price. The City will pay no additional charges.

**12. CORRECTIONS OR WITHDRAWAL OF BID/CANCELLATION OF AWARDS.** Corrections or withdrawals of inadvertently erroneous bids before or after bid opening, or cancellation of awards of contracts based on such bid mistakes may be permitted where appropriate. Mistakes discovered before bid opening may be modified or bid withdrawn by written notice received in the office of Purchasing prior to the time of the bid opening.

After bid opening, no changes in bid prices or other provisions of bids prejudicial to the interest of the City or fair competition shall be permitted. In lieu of bid correction, a low bidder alleging a material mistake of fact may be permitted to withdraw its bid if the mistake is clearly evident, or if the bidder submits evidence, which clearly and convincingly demonstrates that a mistake was made. All decisions to permit corrections or withdrawals of bids or to cancel awards or contracts based on bid mistakes will be supported by the written determination of the Purchasing Officer.

**13. ADDENDA AND INTERPRETATIONS.** If it becomes necessary to revise any part of this bid, a written addendum will be provided to all bidders. The City is not bound by any oral representations, clarifications, or changes made to the written specifications by City employees, unless such clarification or change is provided to the bidders in written addendum form from the Purchasing Officer. Bidders will be required to acknowledge receipt of the addenda (if applicable) in their sealed bid proposal. The vendor may provide an initialed copy of each addendum or initial the appropriate area on the bid form (pricing page). Failure to acknowledge receipt of the addenda (when applicable) will render bid incomplete. It is the bidder's responsibility to ensure that they have received all addenda.

**14. BID EVALUATION AND AWARD.** During the evaluation of bids, the City reserves the right to request clarification of bid responses and to request the submission of references, if deemed necessary for a complete evaluation of bid responses. Award will be made to the responsive and responsible bidder whose bid is most economical according to criteria designated in the solicitation. The determination of the lowest responsive and responsible bidder may involve all or some of the following factors: prices, conformity to specifications, financial ability to meet the contract, previous performance, facilities and equipment, availability of repair parts, experience, delivery promise, terms of payment, compatibility as required, other cost, and other objective and accountable factors, if any, (which are further described in the specifications). The City shall be the judge of the factors and will make the award in the best interest of the City.

**15. TIME FOR CONSIDERATION.** Bids must remain in effect for at least sixty (60) days after date of receipt to allow for evaluation.

**16. BID SECURITY AND PERFORMANCE BOND.** Bid security (Bid Bond) shall be required for all competitive sealed bids for construction contracts when the price is estimated by the Purchasing Officer to exceed \$10,000. Bid security shall be a bond provided by a surety company authorized to do business in the State, or in the form of a certified check. Such bonds may also be required on construction contracts under \$10,000 or other procurement contracts when circumstances warrant. Bid security shall be in an amount equal to at least five percent (5%) of the bid amount. The City will accept a copy of a bid bond at the bid opening. However, if a copy of a bid bond is submitted, the bidder must submit to the Purchasing Division the identical original document within five (5) days after the bid opening. If the original document is not received within the five (5) days, the bid will **not** be considered.

When a construction contract is awarded in excess of \$25,000 the successful bidder will be required to furnish a **Performance Bond** executed by a surety company authorized to do business in the State. The performance bond shall be equal to one hundred percent (100%) of the price specified in the bid.

**17. SUBCONTRACTING.** Should bidder intend to subcontract all or any part of the work specified, name(s) and address(es) of sub-contractor(s) must be provided in bid proposal (use additional sheet if necessary). The bidder shall be responsible for subcontractor(s) full compliance with the requirements of the bid specifications. **THE COLUMBUS CONSOLIDATED GOVERNMENT WILL NOT BE RESPONSIBLE FOR PAYMENTS TO SUBCONTRACTORS.**

**18. DISQUALIFICATION OF BIDDERS AND REJECTION OF BIDS.** Bidders may be disqualified and rejection of bid proposals may be recommended by the City for any (but not limited) to the following reasons:

- (A) Receipt after the time limit for receiving bid proposals as stated in the bid invitation.
- (B) Any irregularities contrary to the General Provisions or bid specifications.
- (C) Unbalanced unit price or extensions.
- (D) Unbalanced value of items.
- (E) Failure to use the proper forms furnished by the Consolidated Government.
- (F) Failure to complete the proposal properly
- (G) Omission of warranty, product literature, samples, acknowledgment of addenda or other items required to be included with bid proposal.
- (H) Failure to properly sign forms in ink.

**The City reserves the right to waive any minor informality or irregularity. The City reserves the right to reject any and all bids.**

**19. BRAND NAMES "OR EQUAL".** Whenever in this invitation any particular material, process and/or equipment are indicated or specified by patent, proprietary or brand name of manufacturer, such wording will be deemed to be used for the purpose of facilitating description of the material, process and/or equipment desired by the City. It is not meant to eliminate bidders or restrict competition in any bid process. Any manufacturers' names, drawings, trade names, brand names, specifications and/or catalog numbers used herein are for the purpose of description and establishing general quality levels. Bidders may propose equivalent equipment, services or manufacturer. Any proposal that is equivalent to or surpasses stated specifications will be considered. Determination of equivalency shall rest solely with the City. **Please Note: Due to existing equipment, specific manufacturers may be required to facilitate compatibility.**

**20. ASSIGNMENT OF CONTRACTUAL RIGHTS.** It is agreed that the successful bidder will not assign, transfer, convey or otherwise dispose of the contract or its right, title or interest in or to the same, or any part thereof, without previous consent of the City and any sureties.

**21. DISCOUNTS.** Terms of payments offered will be reflected in the space provided on the bid proposal form. Cash discounts will be considered net in the bid evaluation process. All terms of payment (cash discounts) will be taken and computed from the date of delivery of acceptable material or services, or the date of receipt of the invoice, whichever is later.

**22. TAXES.** The City is exempt from State Retail Tax and Federal Excise Tax. Tax Exemption No. GA Code Sec. 48-8-3. Federal ID No. 58-1097948.

**23. FEDERAL, STATE AND LOCAL LAWS.** All bidders will comply with all Federal, State, and Local laws and ordinances, relative to conducting business in Columbus, Georgia.

**24. BID INCLUSIONS.** When bid inclusions are required, such as warranty information, product literature/specifications, references, etc. The inclusions should reference all aspects of the specific equipment or service proposed by the bidder. Do not include general descriptive catalogs. References to literature or other required inclusions submitted previously does not satisfy this provision. Bids found to be in non-compliance with these requirements will be subject to rejection.

**25. NON-COLLUSION.** By signing and submitting this bid, bidder declares that its agents, officers or employees have not directly or indirectly entered into any agreements, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this bid. In the event, said bidder is found guilty of collusion, the company and agents will be removed from the City's bid list for one full year and any current orders will be canceled.

**26. INDEMNITY.** The successful bidder agrees, by entering into this contract, to defend, indemnify and hold City harmless from any and all causes of action or claims of damages arising out or under this contract.

**27. DISADVANTAGED BUSINESS ENTERPRISE.** Disadvantaged Business Enterprises (minority or women owned businesses) will be afforded full opportunity to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, creed, sex, sexual orientation, gender identity or national origin in consideration for an award. It is the policy of the City that disadvantaged business enterprises and minority business enterprises have an opportunity to participate at all levels of contracting in the performance of City contracts to the extent practical and consistent with the efficient performance of the contract.

**28. AFFIRMATIVE ACTION PROGRAM - NON-DISCRIMINATION CLAUSE.** The Consolidated Government of Columbus, Georgia ("the City") is committed to using Disadvantaged Business Enterprises (DBEs) (small, women-owned and minority business enterprises) to the greatest extent practical in all solicitations and day-to-day procurement needs of the City and to taking specific affirmative actions to meet these commitments.

The City has an Affirmative Action Program in connection with Equal Employment Opportunities. The successful bidder will comply with all Federal and State requirements concerning fair employment and employment of the handicapped, and concerning the treatment of all employees, and will not discriminate between or among them by reason of race, color, age, religion, sex, sexual orientation, gender identity, national origin or physical handicap.

**29. AWARDS TO LOCAL BUSINESSES.** Except for construction contracts, Federally funded projects, Request for Proposals and Request for Qualifications, awards will be made to responsive and responsible local businesses proposing a cost not more than two percent (2%) above the low bid or quote for contracts involving an expenditure less than or equal to \$25,000.00; and made to responsive and responsible local businesses proposing a cost not more than one percent (1%) above the low bid or quote for contracts involving an expenditure greater than \$25,000.00.

**30. RIGHT TO PROTEST.**

(1) Right of Protest. Any actual or prospective bidder offeror, or contractor who is aggrieved in connection with a solicitation or award of a contract may protest to the Purchasing Manager initially. All protests shall be filed in the manner prescribed herein. Protests that do not comply with the following rules shall be deemed invalid and of no effect.

(2) The protest must be in writing, executed by a company officer that is authorized to execute agreements on

behalf of the bidder or offeror or provided by an authorized legal representative of the protestor.

(3) A protest with respect to an invitation for Bids or Request for Proposals shall be submitted in writing no less than five (5) business days prior to the opening of bids or the closing date of proposals or qualification statements.

(4) Stay of Procurement During Protests. If there is a timely protest submitted as described above, the Purchasing Manager shall not proceed further with the solicitation or award of the contract until all administrative remedies have been exhausted or until the City Council, Mayor, or City Manager makes a determination on the record that the award of the contract without delay is necessary to protect substantial interests of the City.

**31. FAILURE TO QUOTE.** Vendors choosing not to submit a bid are requested to return a **Statement of "No Bid"**.

**32. PRODUCT/EQUIPMENT DEMONSTRATION - SITE VISIT.** During the evaluation of bids, the City reserves the right to request a demonstration or site visit of the product, equipment or service offered by a bidder. The demonstration or site visit shall be at the expense of the bidder. Bidders who fail to provide demonstration or site visit, as requested, will be considered non-responsive.

**33. CANCELLATION PROVISIONS.** An Invitation for Bid, Request for Proposal, or other solicitation may be canceled, or any or all bids, proposals or responses rejected in whole or in part, at the discretion of the City for any reason whatsoever. The reasons for the cancellation shall be sent to all businesses solicited or that responded. The notice shall identify the solicitation, give the reasons for the cancellation, and when appropriate state that an opportunity will be given to compete on any re-solicitation or similar procurement in the future. Reasons for rejection will be provided to unsuccessful bidders or offerors.

When such action is in the best financial interest of the City, contracts for supplies to be purchased or services to be rendered under an annual (term) contract basis may be canceled and re-advertised at the discretion of the Purchasing Officer and in accordance with contract terms.

After the receipt of a product or piece of equipment, it is found that said item does not perform as specified and required, payment for said product or equipment will be withheld. The successful vendor will be notified of the non-performance in writing. After notification, the successful vendor will have ten (10) calendar days, from the date of notification, to deliver product or equipment which performs satisfactorily. If a satisfactory product is not delivered within 10 calendar days, from the notification date, the City will cancel the contract (purchase order) and award to the next low, responsive, responsible bidder. The vendor will be responsible for the pick-up or shipment of the unsatisfactory equipment or product.

**34. QUESTIONS:** Questions concerning specifications must be submitted, in writing, at least 5 (five) working days (Monday-Friday) prior to receipt date. Questions received less than five working days prior to receipt date will not be considered.

**35. SAMPLES:** When samples are required to be included with the proposal response, the bidder will be responsible for the following:

- 1) **Unless otherwise specified**, bidders are required to submit exact samples of item(s) bid. Do not submit sample of "like" item(s).
- 2) Affix an identification label to each individual sample to include bidder's name, bid name and number.
- 3) Make arrangements for the return of sample after the bid award. All shipping costs will be the responsibility of the bidder. If bidder does not make arrangements for return of sample, within 60 days after award, the sample will be discarded.

**36. GOVERNING LAW:** The parties agree that this Agreement shall be governed by the laws of Georgia, both as to interpretations and performance.

**37. PAYMENT DEDUCTIONS:** The City reserves the right to deduct, from payments to awarded vendor(s), any amount owed to the City for various fees, to include, but not limited to: False Alarm fees, Ambulance fees, Occupation License Fees, Landfill fees, etc.

**38. PAYMENT TERMS:** The City's standard payment term is usually net 30 days, after successful receipt of goods or services. Payment may take longer if invoice is not properly documented or not easily identifiable, goods/services are not acceptable, or invoice is in dispute.

**39. FINAL CONTRACT DOCUMENTS:** If a formal contract is required as a result of the Request for Bid; the final contract shall include the following: 1) The RFB; 2) Addenda; 3) Awarded Vendors(s) Bid response; 4) Awarded Vendor(s) Clarifications; and 5) Awarded Vendor(s) Business Requirements.



## NOTICE TO VENDORS

**Sec. 2-3.05. - Submitting bids to Consolidated Government, etc.—By mayor or councilmembers.**

Neither the mayor nor any member of the Columbus Council shall submit any bid to the consolidated government, nor shall the mayor or any member of the Columbus Council own or have a substantial pecuniary interest in any business that submits a bid to the consolidated government. (Ord. No. 92-60, 6-23-92)

**Sec. 2-3.06. - Same—By members of boards, authorities, commissions.**

No member of any board or authority or commission or other independent or subordinate entity of the consolidated government shall submit any bid to the consolidated government or have a substantial pecuniary interest in any business that submits a bid to the consolidated government if such bid pertains to the board or authority or commission on which such person holds such membership. (Ord. No. 92-61, 6-23-92)

**DO YOU HAVE QUESTIONS, CONCERNS OR NEED CLARIFICATION ABOUT THIS SOLICITATION?**

**COMMUNICATION CONCERNING ANY SOLICITATION CURRENTLY ADVERTISED MUST TAKE PLACE IN WRITTEN FORM AND ADDRESSED TO THE PURCHASING DIVISION.**

ALL QUESTIONS OR CLARIFICATIONS CONCERNING THIS SOLICITATION SHALL BE SUBMITTED IN WRITING. THE CITY WILL NOT ORALLY OR TELEPHONICALLY ADDRESS ANY QUESTION OR CLARIFICATION REGARDING BID/PROPOSAL SPECIFICATIONS. IF A VENDOR VISITS OR CALLS THE PURCHASING DIVISION WITH SUCH QUESTIONS, HE OR SHE WILL BE INSTRUCTED TO SUBMIT THE QUESTIONS IN WRITING.

**ALL CONTACT CONCERNING THIS SOLICITATION SHALL BE MADE THROUGH THE PURCHASING DIVISION.** BIDDERS SHALL NOT CONTACT CITY EMPLOYEES, DEPARTMENT HEADS, USING AGENCIES, EVALUATION COMMITTEE MEMBERS OR ELECTED OFFICIALS WITH QUESTIONS OR ANY OTHER CONCERNS ABOUT THE SOLICITATION. QUESTIONS, CLARIFICATIONS, OR CONCERNS SHALL BE SUBMITTED TO THE PURCHASING DIVISION IN WRITING. IF IT IS NECESSARY THAT A TECHNICAL QUESTION NEEDS ADDRESSING, THE PURCHASING DIVISION WILL FORWARD SUCH TO THE USING AGENCY, WHO WILL SUBMIT A WRITTEN RESPONSE.

THE PURCHASING DIVISION WILL FORWARD WRITTEN RESPONSES TO THE RESPECTIVE BIDDER OR IF IT BECOMES NECESSARY TO REVISE ANY PART OF THIS SOLICITATION, A WRITTEN ADDENDUM WILL BE ISSUED TO ALL BIDDERS.

THE CITY IS NOT BOUND BY ANY ORAL REPRESENTATIONS, CLARIFICATIONS, OR CHANGES MADE TO THE WRITTEN SPECIFICATIONS BY CITY EMPLOYEES, UNLESS SUCH CLARIFICATION OR CHANGE IS PROVIDED TO THE BIDDERS IN A WRITTEN ADDENDUM FROM THE PURCHASING MANAGER.

BIDDERS ARE INSTRUCTED TO USE THE ENCLOSED "QUESTION/CLARIFICATION FORM" TO FAX OR EMAIL QUESTION.

ANY REQUEST, AFTER A SOLICITATION HAS CLOSED AND PENDING AWARD, MUST ALSO BE SUBMITTED IN WRITING TO THE PURCHASING DIVISION.

# QUESTION/CLARIFICATION FORM

DATE: \_\_\_\_\_

TO: Patti Postorino, Buyer  
Email [BidOpportunities@ColumbusGA.org](mailto:BidOpportunities@ColumbusGA.org) or  
Fax 706-225-3033

RE: RFB No. 21-0035; Protective Fire Clothing and Accessories (Annual Contract)

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**Questions/clarification requests must be submitted at least five (5) business days  
before the due date:**

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From:

Company Name Website

Representative Email Address

Complete Address City State Zip

Telephone Number Fax Number



# GENERAL SPECIFICATIONS

## PROTECTIVE FIRE CLOTHING AND ACCESSORIES (Annual Contract) RFB No. 21-0035

### I. SCOPE

These specifications describe minimum requirements for Protective Fire Clothing and Accessories for firefighters. The Fire Department will purchase approximately 30 sets of clothing on an "as needed" basis. The quantities specified are based on an estimated usage. The City may purchase some, all, more or none of the items. **ALL PROTECTIVE CLOTHING AND ACCESSORIES MUST MEET NFPA STANDARDS.** *The City reserves the right to add additional related items during the term of the contract.*

### II. TERM OF CONTRACT

A. The term of contract shall be for two (2) years, with the option to renew for three (3) additional twelve-month periods. Contract renewal will be contingent upon the mutual agreement of the City and the Contractor.

Notice of intent to renew will be given to the contractor in writing by the Purchasing Division Director, normally sixty days before the expiration date of the current contract. This notice shall not be deemed to commit the City to a Contract renewal.

It should be noted that multi-year contracts may be continued each fiscal year only after funding appropriations and programs approval has been granted by the Council of the Consolidated Government of Columbus, Georgia. In the event that the necessary funding is not approved, then the affected multi-year contract becomes null and void, effective July 1st of the fiscal year for which such approval has been denied.

#### B. Termination for Convenience

For the protection of both parties, either party giving 30 days prior notice in writing to the other party may cancel this contract.

### III. ESCALATION CLAUSE

Contract pricing shall remain fixed for the initial two (2) year term of the contract. After the initial term, Contractor may request a price escalation by submitting a fully documented request (i.e. documentation from manufacturers illustrating the necessity to implement price increases).

***Request for price increases, without documentation, shall not be considered.*** Such escalation shall not exceed a five percent (5%) increase. The using department(s) and the Purchasing Manager will review the request and shall approve or disapprove the increases based on budget constraints and other price comparisons.

If for any reason the contractor has a price increase that exceeds five percent (5%), the price increase will be evaluated on a case-by-case basis. The City and the Contractor will have the option to discuss and make adjustments to the requested increase. If either party declines approval of the adjustments, the contract will be considered cancelled on the scheduled expiration date of the contract.

### IV. BRAND NAMES

It is not the intent of Columbus Consolidated Government (City) to restrict competition in any purchasing process. ***However, due to the fire protective clothing and accessories already***

*in use by the Fire Department, it is requested that bid proposals be submitted only for the brand name given in the specifications for "Protective Fire Clothing and Accessories".*

**V. QUESTIONS / ADDENDA**

Questions and requests for clarification must be submitted **within five (5) business days of the due date** (see pages 9 & 10). Changes to the specifications (if any) will be provided in the form of an addendum, which will be posted on the web page of the Finance Department/Purchasing Division of Columbus Consolidated Government at

[https://www.columbusga.org/finance/purchasing/docs/opportunities/Bid\\_Opportunities.htm](https://www.columbusga.org/finance/purchasing/docs/opportunities/Bid_Opportunities.htm).

**It is the vendors' responsibility to periodically visit the web page for addenda before the due date and prior to submitting a quote.**

**VI. INDEMNITY CLAUSE**

The Contractor covenants to save, defend, hold harmless, and indemnify the City, and all of its officers, departments, agencies, agents, and employees (collectively the "City") from and against any and all claims, losses, damages, injuries, fines, penalties, costs (including court costs and attorney's fees), charges, liability, or exposure, however caused, resulting from, arising out of, or in any way connected with the Contractor's intentional, negligent, or grossly negligent acts or omissions in performance or nonperformance of its work called for by the Contract Documents.

**VII. BID SUBMISSION REQUIREMENTS**

Due to the COVID-19 pandemic, the Purchasing Division is suspending the receipt of hard copies of sealed bid responses and public solicitation openings until further notice.

**Effective Immediately, bid responses must be submitted via DemandStar.**

**See Appendix A for *Submission Requirements, Submission Requirements Checklist, and DemandStar Registration and Submission Instructions.***



Each bidder shall include the following information with bid submission. Bidder shall submit **ONE (1) ELECTRONIC BID RESPONSE VIA DEMANDSTAR**. The City reserves the right to request any omitted information, **to exclude *Communications Concerning This Solicitation, WHICH DOES NOT AFFECT THE SUBMITTED BID PRICE***. Bidders shall be notified, in writing, and shall have two (2) days after notification to submit the omitted information. If the omitted information is not received within two (2) days, the Bidder shall be deemed non-responsive and the Bid Submission will be deemed "Incomplete":

- A. **Communication Concerning This Solicitation** (Form 1)
- B. **Bid Form** (Form 2)
- C. **Pricing Pages** (Pages 35-36)
- D. **Responses to Detailed Specifications** (Pages 15-32)
- E. **Manufacturer Warranty**
- F. **Product Literature / Specifications**
- G. **Sample Invoice**: Provide a sample invoice depicting the billing format that will be used for this contract.
- H. **Contract Signature Page** (Form 3)
- I. **Addenda**: Vendors must include acknowledgment of receipt of addenda (if any) in their sealed bid. Provide an initialed copy of each addendum or initial the appropriate area on bid form (pricing page). Addenda will be posted at [https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid\\_Opportunities.htm](https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid_Opportunities.htm)  
*Vendors are responsible for periodically visiting the web page, to check for addenda, prior to the bid due date and before submitting a bid.*
- J. **Business License**: Vendors located in Muscogee County shall submit a current copy of their City of Columbus Business License (Occupation License). If the business is not located in Muscogee County and has proof of being properly licensed by a municipality in Georgia, and paid applicable occupation taxes in that city, the vendor will not be required to pay occupation taxes in Columbus, Georgia.  
  
If the business location is not in Georgia, vendor must provide a current copy of their active Articles of Incorporation from the State and/or a current business license from the City/State in which business is located.  
  
If you have questions regarding this requirement, please contact Yvonne Ivey, Revenue Manager: 706-225-3091.
- K. **W-9 Rev 2018 Request for Taxpayer Identification Number and Certification**:  
( <https://www.irs.gov/pub/irs-pdf/fw9.pdf> )

## VII. AWARD / ORDERING / DELIVERY / INVOICE

- A. **Award**: This bid shall be awarded totally to one Vendor. The Consolidated Government of Columbus shall be the judge of the factors and will make the award in the best interest of the City. Should the successful bidder not be able to supply the required item(s), the City reserves the right to purchase from other sources. The City reserves the right to reject any/or all bids.
- B. **Ordering**: The items will be procured on an "as needed" basis by purchase orders. It is the Vendor's responsibility to notify the City, at the time an order is placed, if delivery cannot be met in the specified time.
- C. **Delivery**: Deliveries shall be made to the applicable address indicated on the purchase order. It will be the responsibility of the Vendor to deliver orders as specified to the address shown on the purchase orders. Inability to make delivery within specified time will authorize the City to purchase from other sources that meet specifications.



**All shipping, delivery, and/or freight charges must be included in the unit cost. The Columbus Consolidated Government will pay no additional shipping, delivery, freight charges, and/or any additional add-on fees.**

- D. Invoices: After receipt of goods/services and upon satisfactory delivery, the successful vendor shall forward itemized invoice(s) to the following address:

Columbus Consolidated Government  
Accounting Division – Accounts Payable  
P. O. Box 1340  
Columbus, Georgia 31902-1340

The invoice(s) shall reference the bid number (RFB No. 21-0035) and/or purchase order number.

### VIII. TERMINATION OF CONTRACT

**Default:** If the contractor refuses or fails to perform any of the provisions of this contract with such diligence as will ensure its completion within the time specified in this contract, or any extension thereof, otherwise fails to timely satisfy the contract provisions, or commits any other substantial breach of this contract, the Purchasing Division Director may notify the contractor in writing of the delay or non-performance and if not cured within ten (10) days or any longer time specified in writing by the Purchasing Division Director, such director may terminate the contractor's right to proceed with the contract or such part of the contract as to which there has been delay or a failure to properly perform.

In the event of termination in whole or in part the Purchasing Division Director may procure similar supplies or services, from other sources, in a manner and upon terms deemed appropriate by the Purchasing Division Director. The contractor shall continue performance of the contract to the extent it is not terminated and shall be liable for excess costs incurred in procuring similar goods or services.

**Compensation:** Payment for completed supplies delivered and accepted by the city shall be at the contract price. The City may withhold from amounts due the contractor such sums as the Purchasing Director deems to be necessary to protect the City against loss because of outstanding liens or claims of former lien holders and to reimburse the City for the excess costs incurred in procuring similar goods and services.

**Excuse for Nonperformance or Delayed Performance:** Except with respect to defaults of subcontractors, the contractor shall not be in default by reason of any failure in performance of this contract in accordance with its terms, if the contractor has notified the Purchasing Division Director within 15 days after the cause of the delay and the failure arises out of causes such as: acts of God; acts of public enemy; acts of the City and any other governmental entity in its sovereign or contractual capacity; fires; floods; epidemics; quarantine restrictions; strikes or other labor disputes; freight embargoes; or unusually severe weather. If the failure to perform is caused by the failure of a subcontractor to perform or to make progress, and if such failure arises out of causes similar to those set forth above, the contractor shall not be deemed to be in default, unless the supplies or services to be furnished by the subcontractor were reasonably obtainable from other sources in sufficient time to permit the contractor to meet the contract requirements.

Upon request of the contractor, the Purchasing Division Director shall ascertain the facts and extent of such failure, and, if such director determines that any failure to perform was occasioned by any one or more of the excusable causes, and that, but for the excusable cause, the contractor's progress and performance would have met the terms of the contract, the delivery schedule shall be revised accordingly.

# DETAILED TECHNICAL SPECIFICATIONS

## NAFECO FUSION STOCK PROTECTIVE CLOTHING AND ACCESSORIES SPECIFICATIONS NFPA 1971, 2007 EDITION

### SCOPE

The purpose of the clothing is to provide protection during structural firefighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

COMPLY                     YES                     NO

### STANDARD

All garments produced shall meet or exceed the criteria set forth in the current edition of NFPA 1971 STANDARD ON PROTECTIVE CLOTHING FOR STRUCTURAL FIRE FIGHTING, FED-OSHA CFR 1910, Subpart L, OSHA 29 CFR Part 1910.1030 and/or the requirements of CAL-OSHA title 8, Article 10.1, Para. 3406.

All components and composites used in the construction of garments shall be third party tested, certified and listed for compliance to NFPA 1971. The label of the third part tester shall denote certification.

The manufacturer shall be registered to the ISO Standard 9001 to assure a satisfactory level of quality.

COMPLY                     YES                     NO

### USER GUIDE INFORMATION

Each garment shall include a User Information Guide with information required by NFPA 1971. This guide shall include:

- (a) Pre-use information:
  - Safety considerations
  - Limitations of use
  - Garment marking recommendations and restrictions
  - A statement that most performance properties of the garment cannot be tested by the user in the field
  - Warranty information.
- (b) Preparation for use:
  - Sizing / adjustment
  - Recommended storage practices.
- (c) Inspection:
  - Inspection frequency and details.
- (d) Don / Doff:
  - Donning and doffing procedures
  - Sizing and adjustment procedures
  - Interface issues.
- (e) Use:
  - Proper use consistent with NFPA 1500, Standard on Fire Department, Occupational Safety and Health Program, and 29 CFR 1910, 132.
- (f) Maintenance and Cleaning:
  - Cleaning instructions and precautions with a statement advising users not to use garments that are not thoroughly cleaned and dried
  - Inspection details

- Maintenance criteria and methods of repair where applicable
  - Decontamination procedures for both chemical and biological contamination.
- (g) Retirement and Disposal
- Retirement and disposal criteria and considerations.
- (h) Drag Rescue Device (DRD)
- Use, inspection, maintenance, cleaning and retirement of the DRD.

COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO

**TRACKING LABEL SYSTEM**

There shall be a PDF417, two dimensional bar code label permanently affixed to each garment for tracking purposes. The bar code shall contain a minimum of the following information:

- a. unique serial number
- b. item description (brand, model, material color)
- c. lot information (date of mfg., size, etc.)
- d. material description
- e. the standard to which the garment is compliant.

The bar code shall be able to withstand customary wash and wear cycles. The PDF417 bar code must incorporate a minimum of a 30% "error correction" capability.

COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO

**SIZES**

Coats shall be made available in even chest sizes with corresponding sleeve lengths available in short, regular, and long. Pant sizes shall be made available in even waist sizes with inseam lengths available in extra short, short, regular and long. Male and female sizing available.

COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO

**WARRANTY**

Each garment shall have a limited lifetime warranty against defects in material and workmanship.

COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO

**COMPOSITE PERFORMANCE**

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Thermal Protective Performance (TPP) of not less than 41 when tested in accordance with NFPA 1971 standard.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Total Heat Loss (THL) of not less than 238 when tested in accordance with NFPA 1971 standard.

The Heat Transfer Index rating shall be 25 seconds for the shoulder when measured at 2 psi (pounds per square inch) and 25 seconds for the knee when measured at 8 psi.

COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO

**STRESS POINTS**

All outer shell stress points, including top and bottom pocket corners, pocket flap corners, top and bottom of storm flap/fly shall be reinforced using a 42 stitch minimum bar tack.

COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO



**LABELING**

Each garment shall have a garment label(s) permanently and conspicuously attached stating at least the following language, as well as detailed warning instructions provided by the manufacturer.

**DO NOT REMOVE THIS LABEL**

**THIS GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA 1971, STANDARD ON PROTECTIVE ENSEMBLE FOR STRUCTURAL FIRE FIGHTING, 2013 EDITION MADE IN THE U.S.A.**

**COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO**

**PACKAGING**

Each Coat and Pant shall be packaged in a dark plastic bag in order to provide protection during shipping and prior to first use.

**COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO**

**LION FIRE ACADEMY**

Online training shall be available meeting NFPA 1500 training requirements on the safe use of the (garments, helmet, boots, gloves, hood). This online training shall include:

- Personal Responsibility of the Individual Fire
- Purpose and Limitations
- Structural PPE Construction, Features, and Functions
- Routine Inspection
- Donning and Doffing
- Proper Fit and Overlap
- Using Your PPE Safely
- How Fire Fighting Affects the PPE
- Routine Cleaning of PPE
- Assembly and Disassembly of PPE
- Storage
- Useful Life and Retirement of PPE

Additionally, online training satisfying NFPA 1851 training requirements on advanced inspection, advanced cleaning and basic repairs (turnouts and helmets) shall be available.

**COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO**

**ACQUISITION REGULATION**

In the past seven-year period, has your firm, or any of its principals, been convicted or had a civil judgement rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property?

**COMPLY                    \_\_\_\_\_ YES                    \_\_\_\_\_ NO**

# DETAILED DESCRIPTION SPECIFICATIONS

## JANESVILLE® SUPER-DELUXE™ COAT

### COAT MODEL / DESIGN

**COAT CONSTRUCTION:** The coat shell shall be of 3-panel construction in all layers with an inverted pleat on each side where back front and back body panel pieces meet. Each pleat shall begin at the back of each shoulder and shall extend vertically down the side of the coat. A combination moisture barrier / thermal shall include a corresponding 1" inward dynamic fold approximately 1.5" from each sleeve seam at the shoulder.

This fold shall provide for coat expansion when extending arms forward and shall interface with the inverted pleats of the outer shell to maximize mobility and function of the outer shell and thermal liner. The coat shell and moisture barrier / thermal liner shall be oversized to assure proper chest fit and insure maximum mobility without restriction of the arms and shoulders. Bi-swing construction shall provide better fit, longer wear and greater comfort. Sleeves shall be of full length and of shoulder insert, 2-panel type design.

**BELLOWS UNDERARMS:** Bellows underarm construction shall be used in all layers of the coat - outer shell / moisture barrier / thermal liner – ensuring maximum upper body freedom of movement including complete arm mobility when reaching up and/or forward. Bellows construction shall extend to all inner layers of the coat making it possible for the fit and freedom of movement, derived from the outer shell bellows construction, to be passed through the inner layers to the wearer's body.

The outer shell / moisture barrier / thermal liner bellows shoulder construction shall consist of an underarm and shoulder bellows of elongated football shape not less than 8" wide by not less than 15" long sewn into each of the coats' fabric layers by two-needle construction. The bellows in each layer shall begin at a point corresponding to the front of the armpit, wrap around under the arm and shoulder joint, and terminate at the rear top of the shoulder.

**FREEDOM ELBOW:** The sleeve shall have an insert throughout all layers that shall provide a natural bend in the sleeve. This insert shall be set in the back of each sleeve and shall be a shortened football shape, 6" wide in the middle and 3" wide at the seams.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

### COAT MODEL / DESIGN

When measured at the center of the back from the collar seam to the hem bottom, the coat shall measure 32" long.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

### DRAG RESCUE DEVICE

The Fire Fighter Recovery Harness™ shall be constructed of a one and one-half inch wide KEVLAR® strap that shall be installed between the outer shell and the thermal liner. This harness shall have a hand loop (16" in circumference) that exits the outer shell through a 2" polymer coated aramid reinforced slot on the back of the coat just below the collar and is held in place by means of a piece of 1.5" x 2" hook on the strap and a piece of 1" x 2" loop attached to the outer shell.

This strap is then secured under a 2.25" x 5.25" flap that is sewn in at the neck / collar area. Two pieces 1" x 2" loop shall be set vertically on shell to align with two pieces of 1" x 2" hook set vertically to the underside of the flap. The harness is also held in proper alignment by means of a 2" x 2" piece of loop placed on the inside of the outer shell underneath the chest trim that corresponds to a piece of 1.5" x 2" hook located on the harness. Two 1" x 3.5" self-fabric straps with 1" x 2" hook on one end and 1" x 2" loop on other end shall be set to coat in the shoulder cap area to keep straps in proper position for use.

Fire Fighter Recover Harness™ provides mechanical leverage for dragging a downed and incapacitated structural firefighter from a life-threatening environment. The design of the harness enables the rescuer to drag the downed firefighter in line with the axis of the firefighter's skeletal frame, in order to decrease the risk of further injury.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**COAT OUTER SHELL MATERIAL**

The outer shell shall be constructed of +/- 6.5 oz./sq. yd, 65% Kevlar®/35% Nomex® twill weave with extremely durable FPPE water resistant Teflon® FPPE alloy. Color shall be GOLD.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**COAT LINE & MOISTURE BARRIER**

**THERMAL LINER:** The thermal liner shall be comprised of Glide™ high-lubricity, stress reducing, filament/spun face cloth weighting 3.6 oz/sq yd. The high filament yarns, with superior wicking characteristics, shall represent no less than 60% of the face cloth's composition, and shall be positioned in the warp direction of the weave in order to optimize their slipper characteristics on the face, and promote superior moisture management within the microclimate of the garment.

The Glide™ face cloth shall be quilted to one layer E-89™ spunlace aramid (85%NOMEX® / 15%KEVLAR®) weighing approximately 2.3 oz / sq yd and one layer of apertured (11-13 apertures / sq inch) E-89™ spunlace aramid (85%NOMEX® / 15%KEVLAR®) weighing approximately 1.5 oz / sq yd both layers shall be treated with a Teflon® finish to promote minimal moisture stored in the garment microclimate as well as promote rapid drying (Total Weight +/- 7.3 oz / sq yd).

**MOISTURE BARRIER:** Nonwoven aramid substrate laminated to a lightweight breathable, Gore RT7100™ PTFE, membrane; weighing 4.6 oz / sq yd. The liner shall have one 8.5" x 8.5" internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of coat liner.

**QUILT THERMAL LINER CONSTRUCTION:** Quilt Thermal Liner Construction: The moisture barrier shall be completely sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier / thermal liner shall finish no more than 1" from the cuffs and 3" from the hem.

**MOISTURE BARRIER / THERMAL LINER ATTACHMENT:** Completely Removable:

The moisture barrier / thermal liner shall be completely detachable from the outer shell for ease of cleaning by the use of hook and loop, zippers, and snaps. There shall be a zipper down each front facing, hook and loop along the neck to interface with collar as well as hook and loop and one snap at each sleeve end. All moisture barrier seams shall be sealed as required by NFPA 1971.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**REFLECTIVE TRIM**

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment. Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Coat trim shall be applied as follows: New York Pattern: One 3" strip shall be set full circumference at the bottom sweep of the outer shell; one 3" strip shall be set around each sleeve approximately 2" above the cuff; one 3" strip shall be set around each sleeve just above the elbow; one 3" strip shall be set full circumference at the chest.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO



## COAT COLLAR

**MOISTURE BARRIER / THERMAL LINER CONSTRUCTION:** The liner collar shall be a layer of self-material and a layer of CROSSTECH® Black. The design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the liner collar shall be attached to the facings at the front closure of the outer shell. The neck of the liner collar shall be secured to the neck of the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings. A 4" wide CROSSTECH® Black and 1.75" self-material extension shall be sewn the full length of the neck with two pieces of 1" loop for attachment to shell collar. The self-material extension shall overlap the shell collar to prevent exposure of the hook and loop. Collar closure shall be provided by FR hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontal.

**COLLAR:** The 3" split collar shall consist of two-piece construction shaped for comfort. The collar shall be configured such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with a layer of CROSSTECH® Black. The shell collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of coat. The shell collar shall have two pieces ¾" hook along top edge for liner attachments. The collar shall be attached to the liner facing using ¾" hook along top edge for liner attachment. The collar shall be attached to the liner facing using ¾" hook. Collar shall be of such design so as not to interfere with SCBA face masks, or helmet.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

## HANGER LOOP

An external hanger loop constructed of a double layer of outer shell material and reinforced with two 42-stitch bar tacks shall be provided on the outside of the coat at the collar seam. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is hung by the hanger loop, loaded evenly with a weight of 80 lbs. and allowed to hang for one minute.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

## COAT INNER YOKE REINFORCEMENT

A layer of Semper Dri™ (3.0 oz/sq yd Teflon® treated Chambray (NOMEX® spun) face cloth quilted to araflo/E-89™ (Total weight +/- 6.0 - 6.8 oz/sq yd)) shall be positioned between the moisture barrier and thermal liner for extra thermal protection in a high heat and compression area of the coat. It shall be sewn to the inside of the upper back portion of the thermal liner across the upper back from the back shoulder and collar seams 7" down, over the tops of shoulders and down the front approximately 4" ending at the armhole.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

## COAT SHOULDER REINFORCEMENT

A 4" wide area at the top of the shoulders extending 6" from the collar seam shall be capped with outer shell material for abrasion resistance and thermal protection. For additional thermal protection and cushioning, one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be oriented between the outer shell and the shoulder cap reinforcement.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

## COAT ELBOW REINFORCEMENT

The elbow shall be reinforced with black split cowhide leather for abrasion resistance and thermal protection.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**COAT CUFF REINFORCEMENT**

The cuff of the sleeve shall be reinforced with a binding of black split cowhide leather not less than 3” in total width for abrasion resistance and thermal protection. At least 2” of the cuff reinforcement shall extend down the interior of the outer shell sleeve with a .75” wide strip of FR hook sewn full circumference to the topside of the cuff reinforcement. For added safety, (1) female snap fastener shall be set in the hook fastener to assist in attaching outer shell to moisture barrier / thermal liner.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**COAT WRISTLETS**

An internal wristlet shall consist of a 2-ply knit of 48% NOMEX® / 48% KEVLAR® / 4% Spandex for superior recovery. Wristlet to be combination of natural and bronze colors producer dyed by DuPont, and with extremely durable Teflon® water resistant alloy not less than 8” extending completely over the palm with a thumbhole preventing the wristlet from sliding back. Wristlets shall be double stitched and bound to the moisture barrier / thermal liner providing extended thermal and slash protection.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**COAT WATER WELL – EVER-DRI**

A combination Semper Dri™ (3.0 oz/sq yd Teflon® treated Chambray (NOMEX® spun) face cloth quilted to araflo / E-89™ (Total weight +/- 6.0-6.8 oz/sq yd) and one layer of breathable CROSSTECH® Black (Type 2F) leader shall be sewn no more than 1” back from the combination liner sleeve end to form a sleeve well. One male snap and one .75” wide strip of FR loop shall be sewn full circumference to the end of the thermal liner / CROSSTECH® Black (Type 2F) moisture barrier leader to help secure the combination liner to the outer shell. This sleeve well shall prevent water and hazardous materials from entering the sleeve when arms are in a raised position.

The combination liner sleeve ends shall be inserted into the outer shell sleeve ends by means of lining up the male snaps then attaching the FR loop fastener of the combination liner sleeve end with the female snap and FR hook fastener of the outer shell cuff. This method of combination liner attachment shall prevent any gaps from occurring between the combination liner and sleeve well during a full range of motion. The combination liner shall extend to within 1” of the sleeve end.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**COAT CLOSURE SYSTEM**

**THERMAL FRONT PANEL CONSTRUCTION:** There shall be continuous thermal and moisture protection around the entire torso including the storm flap. To ensure this protection, as well as reduce potential for wicking moisture to inside of liner, both right and left inside front facings of the coat outer shell shall incorporate outer shell fabric and Gore RT7100™ PTFE moisture barrier, extending from collar to hem.

**COAT FRONT CLOSURE DESIGN:** The complete outer shell coat front closure design shall consist of a FRONT CLOSURE SYSTEM completely protected by an OUTSIDE STORM FLAP which shall have its own, independent STORM FLAP CLOSURE SYSTEM.

**STORM FLAP:** A storm flap measuring not less than 3” wide, nor less than 22” in length shall be set on the outside of the right side of the coat opening for maximum thermal protection and clear drainage. The inner lining of the storm flap shall be Gore RT7100™ PTFE moisture barrier meeting all requirements for moisture barriers sandwiched between two layers of outer shell fabric.

**FRONT / STORM FLAP CLOSURES:** The front closure shall consist of a thermoplastic zipper such that fast closure and exit is possible yet the coat remains securely closed while working. The storm flap closure shall consist of double-stitched 1.5” wide FR hook and loop attachments with FR hook fastener sewn on the left front of the coat, and corresponding FR loop fastener sewn on the inner side of the outer storm flap. The hook and loop closure shall extend the full length of the outer storm flap eliminating all exposed frontal hardware. The front closure shall consist of 1.5”

hook and loop attachments which shall be sewn into the coat overlap, along the leading edge of the left and right sides of the coat.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**LINER INSPECTION SYSTEM**

There shall be an 11” opening located on the coat liner system at the center left front of the liner. This opening will provide the ability to completely invert the coat liner to properly view the integrity of the entire liner system. There shall be one piece 1” x 4” FR loop sewn to the back side of the liner system with a piece of 1.5” x 3” FR hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**Coat Options**

\*\*\* Accessories that will be included with the Coasts; listed below, if any...

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**MIC TAB**

There shall be 2” x 5” triple-layer self-fabric mic tab sewn to the shell.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**ITEM LOCATION FOR ABOVE**

Shall be located as follows – (1) Left Chest above Radio Pocket; (1) Right Chest.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**LETTERING PATCHES**

There shall be one 5” x 18” contoured 2-layer self-fabric one-line Letter Patch attached to hang from back hem via hook & Loop and corner snaps.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**SEWN ON LETTERING**

There shall be 3” lime-yellow Scotchlite letters, sewn-on to the hanging name patch for 1<sup>st</sup> Initial + Last Name.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

*Coat Pockets* - Coat pocket specifications listed below:

**COAT POCKETS**

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**TURN-OUT POCKETS**

There shall be 8.5” x 8” handwarmer pockets that expand by means of a 2” pleat. The pockets shall be lined and reinforced with self-fabric 4.5” up on the inside of the pocket with a self-material backer. The pocket shall be set at the bottom of the coat hem and reflective trim shall be set on each pocket. Pockets and flaps shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Each pocket flap shall measure 3” x 9.5”. Pocket flaps shall close to the pocket using 2 pieces of 1.5” x 2.75” loop horizontally on the pocket and 2 pieces of 1.5” x 2.75” hook vertically on underside of flap.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO



**Item Location for Above**

Shall be located on left and right of the front bottom.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**TURN-OUT POCKETS**

There shall be a 3.5" wide x 9" deep full bellows radio pocket that expands by means of side and front gussets to a thickness of 2" in front and back. Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with a minimum 42-stitch bar tack. A brass eyelet shall provide drainage of moisture. Pocket flat shall be 4.5" x 5". Pocket shall be fully lined all 3 sides inside pocket with polycotton lining. Pocket flap shall close to the pocket top using 1 piece of 1" x 2" loop on pocket horizontally and 1 piece of 1" x 2" hook on flap vertically.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**Item Location for Above**

Shall be located on the left chest.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

# DETAILED DESCRIPTION SPECIFICATIONS

## JANESVILLE® SUPER PANT

### LION® Super Pant™

#### PANT MODEL / DESIGN

**PANT CONSTRUCTION:** The pant shall be no more than 1" higher in the front than a standard bunker pant with a gradual increase to 2" higher than a standard bunker pant in the rear.

**RADIAL INSEAM BAND:** The pant inseam shall incorporate a comfort/mobility design in all layers. The banded pant insert shall run continuously from the top of the mobile knee of one leg, through the crotch, to the top of the mobile knee of the opposite leg. This design eliminates crotch seams therefore eliminating crotch seam failure. This design also provides a more comfortable fit and increased mobility while decreasing bunching of materials.

**FREEDOM KNEE:** The knee shall incorporate a comfort/mobility design in all layers. This design shall allow for a natural bending motion of the knee. The apex of the knee shall allow for not less than a 1.5" bellows at the center. The radial seam shall provide a gusset that the knee can fall into when crawling, climbing, bending, kneeling, etc... The bottom of the mobile knee shall be placed not less than 10" from the cuff to fall anatomically correct.

**WAISTBAND:** The waist of the pants shall be reinforced on the inside with two-ply of outer shell fabric material not less than 1.5" in width. The pant waist shall be turned under to provide double material strength with the independent waistband, which shall then be double stitched to the outer shell.

#### PANT OUTER SHELL MATERIAL

The outer shell shall be constructed of +/- 6.5 oz/sq yd , 65% KEVLAR® / 35% NORMEX® twill weave with extremely durable FPPE water resistant Teflon® FPPE alloy. Color shall be GOLD.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

#### PANT LINER & MOISTURE BARRIER

**THERMAL LINER:** The thermal liner shall be comprised of Glide™ high-lubricity, stress reducing, filament/spun face cloth weighing 3.6 oz/sq/yd. The high filament yarns, with superior wicking characteristics, shall represent no less than 60% of the face cloth's composition, and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face, and promote superior moisture management within the microclimate of the garment. The Glide™ face cloth shall be quilted to one layer E-89™ spunlace aramid (85% NOMEX® / KEVLAR®) weighing approximately 1.5 oz/sq yd both layers shall be treated with a Teflon® finish to promote minimal moisture stored in the garment microclimate as well as promote rapid drying (Total weight +/- 7.3 oz/sq yd).

**MOISTURE BARRIER:** Nonwoven aramid substrate laminated to a lightweight breathable, Gore RT7100™ PTFE, membrane; weighing 4.6 oz / sq yd.

**MOISTURE BARRIER / THERMAL LINER CONSTRUCTION:** Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The bottom nine inches of each thermal leg shall be constructed of treated chambray facecloth with two layers of apertured (11-13 apertures/sq inch) E-89™ spunlaced aramid to deter the wicking of moisture up the thermal liner leg. The waist of the moisture barrier / thermal liner shall be secured to the waist of the outer shell such that when donning the pant a leg may not be accidentally caught between the outer shell and its inner linings along the waist and between the legs of the pant.

**QUILT THERMAL LINER CONSTRUCTION:** The moisture barrier shall be completely sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. The moisture barrier / thermal liner shall finish no more than 3" from the cuffs.

**MOISTURE BARRIER / THERMAL LINER ATTACHMENT:** The moisture barrier / thermal liner shall be completely detachable from the outer shell for ease of cleaning by using snaps. Nine evenly spaced snaps shall secure the liner to the integral waistband; Two snaps shall be set in leather leg tabs at each leg end. All moisture barrier seams shall be sealed as required by NFPA 1971.

**REFLECTIVE TRIM**

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment.

Ventilated Trim shall be of 3” Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Pant trim shall be applied as follows: one strip set full circumference around the bottom of the cuff 3” from the bottom cuff.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**PANT FLY CLOSURE**

**STORM FLY/CLOSURE:** The outer shell shall have an overlapping fly front running the full length of the fly on the left side. The flap shall not be less than 2.5” wide at the waistband. The bottom of the fly shall be reinforced with a 42 stitch bar tack.

The storm fly shall be held closed along its length by means of a hook and loop fastener closure 1.5” minimum width, along the leading edge for a distance of not less than 6” from the bottom of the fly closure to the waist area for proper alignment and secure closure. Additionally, one snap shall be positioned at the inside top of the fly. Pant closure shall be provided by a thermo plastic zipper.

The storm fly shall be outer shell material, lined with a 3.5” strip of CROSSTECH® (Type 2C) moisture barrier materials to prevent wicking.

**THERMAL FLY ASSEMBLY:** The moisture barrier / thermal liner shall be constructed with an extension on the left side at the waist of all layers of the fly opening to assure continuous thermal and moisture protection. This overlap shall be positioned between the layers of the outside storm fly. A ¾” side x 9” long hook fastener shall be sewn to the moisture barrier / thermal liner to engage corresponding loop fastener on the underside of the outside storm fly.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**TAKE UP STRAPS**

One adjustment device shall be affixed to the outside on each side of the pant. Each take-up strap shall be comprised of two sub-component straps. The front strap shall be 1” wide x 5” in length, folded in half to form a loop, and shall be affixed to the side of the pant by means of two bar tacks spaced 2” apart. The loop shall face toward the back and hold a nickel plated 1” metal loop. The back strap shall be 1” wide x 9” in length of double layered outer shell material and hook and loop fastener. The rear 4.5” shall be sewn and triple bartacked to the shell. The front section of the strap shall remain loose and be aligned so that it is threaded through the metal loop. It shall have a piece of 1” x 3” hook fastener attached to the loose strap end to engage the corresponding 1” x 4.5” loop fastener at end of strap to allow for adjustment.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO

**PANT KNEE REINFORCEMENT**

The knee shall be split cowhide leather (black) material and measure 9” across the bottom, not less than 7” on the sides and gradually increase to 12” at the center point at the apex. For added thermal protection, an additional layer of uninterrupted 1/8” thick, fire retardant closed-cell foam shall be positioned between the moisture barrier and thermal liner. For additional extended thermal protection, one layer of uninterrupted 1/8” thick, fire retardant closed-cell foam shall be also be positioned between the reinforcement layer and outer shell.

COMPLY                      \_\_\_\_\_ YES                      \_\_\_\_\_ NO



**PANT CUFF REINFORCEMENT**

The cuff are of the pant shall be reinforced with a binding of black split cowhide leather not less than 2" in total width for greater strength, abrasion resistance, and thermal protection. In addition, a 3" x 3 1/2" piece of reinforcement material shall be sewn on the inseam area of the pant leg above the pant cuff and below the pant trim, in order to provide extra abrasion protection. The material used on the kick shield shall match the material used on the pants cuffs.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**MISC PANT OPTIONS**

The back portion of the cuff will gradually curve upward from each side seam to a maximum of 2" at the center back of the pant leg to prevent wear on the back of the cuff.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**LEG TABS**

Two gold leather leg tabs 3/4" wide x 1 3/4" long with female snaps shall be bartacked 2" up from bottom edge on inside of the pant cuff with one on the inseam and one on the outseam.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**LINER INSPECTION SYSTEM**

There shall be an opening located on the pant liner system to the right side of the waist separating the thermal barrier and moisture barrier, approximately 10" in length. This opening will provide the ability to completely invert the ant liner to properly view the integrity of the entire liner system. There shall be a piece of 1" x 3" FR loop sewn to the moisture barrier 3" over from beginning of opening and a corresponding piece of 1" x 3" FR hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**PANT OPTIONS**

\*\*\* Accessories that will be included with the Pants; listed below, if any ...

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**PANT POCKETS**

Pant pocket specifications listed below ...

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**TURN-OUT POCKETS**

There shall be a 10" wide x 10" deep outside full bellows pocket that expands by means of side and bottom gussets to a thickness of 2" in front and back. Pockets shall be fully lined with KEVLAR® twill on all 4 sides inside pocket. Pockets and flaps shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flaps reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Pocket flaps shall be 11" x 5". A hook and loop fastener closure system shall be set with 1" x 10" loop fastener horizontally on the pocket and (3) pieces of 1" x 3" hook fastener vertical on the underside of the flap.

**Item Location for Above**

Shall be located on the left thigh.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**TURN-OUT POCKETS**

There shall be a 9" wide x 10" high, outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back. Pockets shall be fully lined with KEVLAR® twill on all 4 sides inside of pocket; There shall be two additional layers of KEVLAR® lined self-fabric on the shell side inside the pocket. First lay 6.5" high, second layer 4.5" high. Both layers stitched in 3" increments to create six tool compartments. Pocket and flap

shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture is to be provided by brass eyelets. Pocket flaps shall be 5" x 10". A hook and loop fastener closure system shall be set with 2" x 9" loop fastener horizontally on the pocket and three pieces of 1.5" x 3" hook fastener vertically on the underside of the flap.

**Item Location for Above**

Shall be located on the right thigh.

**COMPLY**

**YES**

**NO**

# DETAILED DESCRIPTION SPECIFICATIONS

## **DELUXE H-BACK SUSPENDERS (REGULAR) WITH METAL TABS**

These are 42" EZH Deluxe H-Back Quick-Adjust, Non-Stretch Suspenders,  
Black with Navy Blue padded shoulders,  
Quick tug of plastic loops delivers perfect adjustment each time,  
Makes donning quick and easy,  
Metal loop attachments,  
Features: 8 Point Snap Attachment.

**COMPLY**                      \_\_\_\_\_ **YES**                      \_\_\_\_\_ **NO**

### SUSPENDER TABS

Four 2" wide self material suspender tabs with 1.75 x 2.5" leather reinforcement shall be attached to waist with two on the front and two on the back. Each tab shall have two male and two female logo snaps. Each tab shall be reinforced with two bartacks on each tab.

**COMPLY**                      \_\_\_\_\_ **YES**                      \_\_\_\_\_ **NO**

### SUSPENDERS

#### **SCOPE**

A highly engineered 42" black suspender designed for greater range of mobility and reduced stress allowing for four points of attachment, using self-fabric, leather-reinforced suspender tabs with snaps, to a V-Force™. Traditional or contoured waist bunder pant. The shoulder pads shall have a one-inch wide, lime-yellow, Scotchlite strip located the entire length facing outward.

#### **DESIGN**

Two 8" front pull straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through 2" metal loops and secured with a two-needle lock-stitch at one end. A black military finish steel double dee ring shall be fed through the webbing. The other end of the webbing shall be fed through a 2" wide thermo-plastic dee ring and secured with a two-needle lock-stitch. The dee ring shall function as a pull strap for easily adjusting the suspenders for proper fit.

Two 18" shoulder straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through the top half of the steel double dee ring and secured with a two-needle lock-stitch. Two 7" back straps made of 2" wide elastic webbing shall be joined with a 2" overlap at the end of each should strap with a single-needle lock-stitch. The end of each back strap shall be fed though a 2" metal loop and secured with a two-needle lock-stitch.

One 2 ½" horizontal back strap made of 2" wide elastic webbing shall be set perpendicular between the two shoulder straps and back straps at the point of overlap, secured with a single-needle lock-stitch, and reinforced with a two-needle lock-stitch "X" through the joining straps.

Four 2" wide self-fabric suspender tabs with leather reinforcement, using 2 male and 2 female logo snaps for suspender attachment, shall be require on pants for use of these suspenders. Two self-fabric suspender tabs shall be attached to the back of the pant and to the front of the pant and reinforced with two bartacks each tab. Each self-fabric tab attached to the pants shall be fed through each 2" metal loop on the suspenders.

Each shoulder strap shall be encapsulated with a 2.25" wide x 13" long sheath of padding constructed of 1/8" thick fire-retardant closed-cell foam laminated to Nomex pajama check substrate. Shoulder pads shall start 1" up from the cross point of the horizontal back strap ("H" cross) and be bartacked at each end so they do not slide forward. The straps shall have a one-inch side, lime-yellow, Scotchlite strip located the entire length, facing outward.

**COMPLY**                      \_\_\_\_\_ **YES**                      \_\_\_\_\_ **NO**



# DETAILED DESCRIPTION / SPECIFICATIONS

## MAJESTIC: PAC II P84 LENZING NATURAL HOOD NFPA 1971-2013

### COLOR OPTION AVAILABLE

Red, Navy Blue, Grey and Black

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### DESIGN

Head Design, Traditional head design / length Bib (Apron) Design Longer length, notched shoulder bib design.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### LAYERS

Head Layers 2 ply material, Bib (Apron) Layers 2 ply material.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### LENGTH

Head Length 13", Bib (Apron) Length 8", OVERALL LENGTH 21"

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### FACE OPENING

Full Face Opening Circular Measurement 120 mm – 145 mm

Sewn with ½" elastic. Elastic is encapsulated in material and cover stitched.

Elastic Face Opening stretches to accommodate a circumference of at least 31" (800 mm) for ease of donning, snug fit, and proper seal with SCBA.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### BINDING

Generous width and size means less fabric stretch. Binding of same fabric material to enhance design with a finished look.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### SEAMS

Thread 100% Nomex

Head design with traditional center head seam (comfortable central seam)

Safety lock cover stitch of seams

Seam burst strength test – 2x or 3x NFPA minimum.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### AIT (ADVANCED INSPECTION THREAD)

Hoods regularly have thread that matches the color of the hood (white on white / black on black, etc)

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### SIZING

Universal Size

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

**LABELING AND USER INFORMATION**

OWNER IDENTIFICATION: On the label, the area of PROPERTY OF: \_\_\_\_\_.

LABELING: Each hood shall come individually labeled to identify fabric, hood style, lot # traceability, DOM, Cleaning and Storage Instructions, and UL Certification.

USERS INFORMATION GUIDE: Each hood shall have Warnings & Users Information Guide attached with imperative information.

**COMPLY**                      \_\_\_\_\_ **YES**                      \_\_\_\_\_ **NO**

**CLEANING AND STORAGE**

Follow Manufacturer Recommendation

**COMPLY**                      \_\_\_\_\_ **YES**                      \_\_\_\_\_ **NO**

**CERTIFICATIONS**

NFPA 1971-2013 UL Certified Complies with OSHA Requirements Sections 3406 and shall comply with OSHA rule 29 CFR Part 1910. See material spec sheets for ATPV and HAF values.

**COMPLY**                      \_\_\_\_\_ **YES**                      \_\_\_\_\_ **NO**

# DETAILED DESCRIPTION / SPECIFICATIONS

## SHELBY SPECIALTY GLOVES SHELBY FDP 5225 & 5226

### OUTER SHELL

Heavy Weight, Fire Retardant, Heat Resistant, 3.25 to 4.0 oz, Shelby Abrasion Resistant, Multidirectional Fiber Structure, Brushed Pigskin palm & Gold Koala cowhide back.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### THERMAL LINER

8 oz. S.E.F. Modacrylic Fleece Laminated to Gore RT7100 Glove Barrier Fabric.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### PROTECTIVE BARRIER

Gore (PTFE) RT7100 Glove Barrier Fabric. This barrier fabric is combined (laminated) to the thermal liner. The breathable barrier/thermal liner system is individually graded and produced in as many sizes as glove sizes. The barrier/thermal liner system are sized proportional to human hand sizes.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### WRISTLET

Nomex 10.5 oz. per yard, Double ply, 4" Wristlet. Wristlet sewn to liner, and then sewn separately to the glove shell. Not required on #5226.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### WRIST PULL

3" x 3 1/2" Round Leather Pull, Sewn to Wristlet & Glove Body.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### THREAD

Sewn with high burst strength KEVLAR (30/5) lock stitch, 8-10 stitches per inch.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### HANGER LOOP

1/4" fire retardant heat resistant split cowhide hanger loop.

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO

### LABEL

Label shall be Permanently Attached to each glove and certifies the glove meets or exceeds the requirements of the latest NFPA standards (1971, Standard on Protective Ensemble for Structural Fire Fighting, 2013 Edition).

Label shall be durable and include the following information:

Name or designation of manufacturer; Model; Name or style number; Lot or serial number; Size; Date of certification tests; Patent numbers; Cleaning and care instructions.

Label to be sewn inside of glove.

Glove is constructed, tested and labeled in accordance with the NFPA Standard on Protective Ensemble for Structural Fire Fighting, NFPA 1971 – 2013 Edition. The glove is certified by the Safety Equipment Institute (SEI).

COMPLY \_\_\_\_\_ YES \_\_\_\_\_ NO



**ORIGIN**

Made in the U.S.A.

**COMPLY**                    \_\_\_\_\_ **YES**                    \_\_\_\_\_ **NO**

**SIZES**

XXS, XS, S, M, L, XL

**COMPLY**                    \_\_\_\_\_ **YES**                    \_\_\_\_\_ **NO**

**DESIGN & CONSTRUCTION**

Glove shall be a gunn cut pattern with wing thumb and wrap around index finger. Lining is completely sewn S.E.F. Modacrylic, laminated to Gore RT7100 Glove Barrier Fabric. This creates a strong thermally stable, non-cracking/flaking one-piece liner/barrier system. All seams are sealed with a DuPont silicon sealant, which ensures that liquids do not come in contact with the hand or hand area. The one-piece lining is permanently sewn to the glove shell in the area of the fingertips and wrist. This proven attachment method eliminates the opportunity for lining pullouts and creates a uniform, inside lining, even after repeated use in firefighting conditions. The glove body shall extend 2" above the wrist crease and shall have a shirred elastic smuggler at the wrist.

**COMPLY**                    \_\_\_\_\_ **YES**                    \_\_\_\_\_ **NO**

**FORM 1**

**COMMUNICATION CONCERNING THIS SOLICITATION**

**THIS PAGE MUST BE SIGNED AND RETURNED WITH THE VENDOR'S BID/PROPOSAL. FAILURE TO INCLUDE THIS FORM WILL AUTOMATICALLY RENDER VENDOR'S RESPONSE NON-RESPONSIVE.**



ALL QUESTIONS OR CLARIFICATIONS CONCERNING THIS SOLICITATION SHALL BE SUBMITTED IN WRITING. THE CITY WILL NOT ORALLY OR TELEPHONICALLY ADDRESS ANY QUESTION OR CLARIFICATION REGARDING BID/PROPOSAL SPECIFICATIONS. IF A VENDOR VISITS OR CALLS THE PURCHASING DIVISION WITH SUCH QUESTIONS, HE OR SHE WILL BE INSTRUCTED TO SUBMIT THE QUESTIONS IN WRITING.

**ALL CONTACT CONCERNING THIS SOLICITATION SHALL BE MADE THROUGH THE PURCHASING DIVISION.** BIDDERS SHALL NOT CONTACT CITY EMPLOYEES, DEPARTMENT HEADS, USING AGENCIES, EVALUATION COMMITTEE MEMBERS, INCLUDING NON-CCG EMPLOYEES, CONTRACTED PERSONNEL ASSOCIATED WITH THIS PARTICULAR PROJECT (I.E. ARCHITECTS, ENGINEERS, CONSULTANTS), OR ELECTED OFFICIALS WITH QUESTIONS OR ANY OTHER CONCERNS ABOUT THE SOLICITATION. QUESTIONS, CLARIFICATIONS, OR CONCERNS SHALL BE SUBMITTED TO THE PURCHASING DIVISION IN WRITING. IF IT IS NECESSARY THAT A TECHNICAL QUESTION NEEDS ADDRESSING, THE PURCHASING DIVISION WILL FORWARD SUCH TO THE USING AGENCY, WHO WILL SUBMIT A WRITTEN RESPONSE.

THE PURCHASING DIVISION WILL FORWARD WRITTEN RESPONSES TO THE RESPECTIVE BIDDER. IF IT BECOMES NECESSARY TO REVISE ANY PART OF THIS SOLICITATION, A WRITTEN ADDENDUM WILL BE ISSUED TO ALL BIDDERS.

THE CITY IS NOT BOUND BY ANY ORAL REPRESENTATIONS, CLARIFICATIONS, OR CHANGES MADE TO THE WRITTEN SPECIFICATIONS BY CITY EMPLOYEES, UNLESS SUCH CLARIFICATION OR CHANGE IS PROVIDED TO THE BIDDERS IN A WRITTEN ADDENDUM FROM THE PURCHASING MANAGER.

BIDDERS ARE INSTRUCTED TO USE THE ENCLOSED "QUESTION/CLARIFICATION FORM" TO FAX OR EMAIL QUESTION. QUESTIONS AND REQUESTS FOR CLARIFICATION MUST BE SUBMITTED AT LEAST FIVE (5) BUSINESS DAYS BEFORE THE DUE DATE.

ANY REQUEST/CONCERN/PROTEST, AFTER A SOLICITATION HAS CLOSED AND PENDING AWARD, MUST ALSO BE SUBMITTED IN WRITING TO THE PURCHASING DIVISION.

**I agree to forward all communication about this solicitation, in writing, to the Purchasing Division. I understand that communication with other persons, other than the Purchasing Division, will render my Bid/Proposal response non-responsive and I will no longer be considered in the solicitation process.**

**Vendor Name:** \_\_\_\_\_

**Print Name of Authorized Agent:** \_\_\_\_\_

**Signature of Authorized Agent:** \_\_\_\_\_

BID FORM

PROTECTIVE FIRE CLOTHING AND ACCESSORIES  
(Annual Contract)  
RFB NO. 21-0035

**IMPORTANT INFORMATION:**

PLEASE SUBMIT ONE (1) ELECTRONIC BID RESPONSE VIA DEMANDSTAR  
ON OR BEFORE June 30, 2021 – 2:30 PM (EST)

By signing this Bid Form, the authorized representative understands the City reserves the right to request any omitted information, WHICH DOES NOT AFFECT THE SUBMITTED BID PRICE. Bidders shall be notified in writing, and shall have two (2) days after notification to submit the omitted information, to exclude *Communications Concerning This Solicitation*. If the omitted information is not received within two (2) days, the Bidder shall be deemed non-responsive and the Bid Submission will be deemed "Incomplete". Use the following check-list to verify the items are included in sealed bid:

- Communication Concerning This Solicitation (Form 1)       Bid Form (Form 2)
- Pricing Pages (Pages 35-36)       Responses to Detailed Specifications (Pages 15-32)
- Manufacturer Warranty       Product Literature / Specifications       Sample Invoice
- Contract Signature Page (Form 3)       Business License       W-9 Rev 2018

Initial below to acknowledge receipt of the following addenda (if any):

Addendum No. 1 \_\_\_\_\_ Addendum No. 2 \_\_\_\_\_ Addendum No. 3 \_\_\_\_\_

The undersigned hereby declares that he has/they have carefully examined the specifications herein referred to and will provide all equipment, services and terms of the Columbus Consolidated Government.

Vendor Business Name \_\_\_\_\_ Email Address \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Print Name \_\_\_\_\_ Date \_\_\_\_\_

Please circle and initial if Business is {Minority} or {Woman} Owned: \_\_\_\_\_

If certified as a DBE or WBE, list the certifying agency: \_\_\_\_\_

Not Minority, Woman or DBE owned (please initial) \_\_\_\_\_

**\*\*\*COMPLETE ALL PAGES AND RETURN WITH BID\*\*\***



## PRICING PAGE

### PROTECTIVE FIRE CLOTHING AND ACCESSORIES (Annual Contract) RFB 21-0035

Vendor Name:					
	DESCRIPTION	MANUFACTURER	ESTIMATED USAGE	UNIT COST	EXTENDED COST
1.	Protective Coats		30 each	\$	\$
2.	Protective Pants		30 each	\$	\$
3.	Suspenders		30 each	\$	\$
4.	Hood (PGI Cobra Ultimate)		30 each	\$	\$
5.	Gloves (Vanguard MK-1 Model 7877, Gauntlet)		30 each	\$	\$
6.	Helmets (LION Brand, Style #6-2, with Integrated Goggles LFH9120I)		30 each	\$	\$
7.	Leather Front for Helmet		30 each	\$	\$
8.	Leather Radio Harness; 1 1/4"		30 each	\$	\$
9.	Leather Radio Harness; 1 1/4" XL		30 each	\$	\$
10.	Anti-Sway Strap; Plain		30 each	\$	\$
11.	Radio Holder for Motorola APX		30 each	\$	\$
12.	Structural Bunker Boots (Leather); Mens		30 each	\$	\$
13.	Structural Bunker Boots (Leather); Ladies		30 each	\$	\$
14.	ESS Goggles 740-0268 INTERZONE 2		30 each	\$	\$
15.	Pelican Flashlight 3415M		30 each	\$	\$
<b>TOTAL ESTIMATED CONTRACT VALUE</b>					<b>\$</b>



**CONTRACT SIGNATURE PAGE**

**PROTECTIVE FIRE CLOTHING AND ACCESSORIES  
(Annual Contract) RFB No. 21-0035**

The undersigned hereby declares that he has/they have carefully examined the specifications herein referred to and will provide all equipment, terms and services of the Consolidated Government of Columbus, Georgia:

\_\_\_\_\_  
Witness as to the signing of the contract

\_\_\_\_\_  
Signature of Authorized Representative Date

\_\_\_\_\_  
Witness as to the signing of the contract

\_\_\_\_\_  
Print Name and Title of Signatory

(Corporate seal, if applicable)

\_\_\_\_\_  
Company Name

*Company Ordering Address*

*Company Payment Address*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Contact \_\_\_\_\_

Contact \_\_\_\_\_

Email \_\_\_\_\_

Email \_\_\_\_\_

Telephone \_\_\_\_\_

Telephone \_\_\_\_\_

Fax \_\_\_\_\_

Fax \_\_\_\_\_

**CONSOLIDATED GOVERNMENT OF COLUMBUS, GEORGIA**

Accepted this \_\_\_ day of \_\_\_\_\_ 20\_\_

**APPROVED AS TO LEGAL FORM:**

\_\_\_\_\_  
**Isaiah Hugley, City Manager**

\_\_\_\_\_  
**Clifton C. Fay, City Attorney**

**ATTEST:**

\_\_\_\_\_  
**Sandra T. Davis, Clerk of Council**



## APPENDIX A

# DEMANDSTAR SUBMISSION REQUIREMENTS

Due to the COVID-19 pandemic, the Purchasing Division is suspending the receipt of hard copies of sealed responses and public solicitation openings until further notice. Effective immediately, responses must be submitted via DemandStar.

There is no cost to submit responses electronically through DemandStar; you will only incur a fee if you opt to receive e-notifications directly from DemandStar. You must select "Columbus Consolidated Government" as your free agency (see registration instructions). Solicitations may be accessed thru the DemandStar link that is posted at [https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid\\_Opportunities.htm](https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid_Opportunities.htm). Per Georgia HB489, the Purchasing Division will continue to post solicitations on the Georgia Procurement Registry. To receive future procurement notifications, you must register with the Team Georgia Marketplace at <http://doas.ga.gov/state-purchasing/suppliers/getting-started-as-a-supplier>.

Excluding responses to Requests for Proposals (RFP), a tabulation of responses will be available on DemandStar shortly after the solicitation closes. The Purchasing Division will also continue to post tabulations at [https://www.columbusga.gov/finance/purchasing/docs/tabulations/bid\\_tabulations.htm](https://www.columbusga.gov/finance/purchasing/docs/tabulations/bid_tabulations.htm).

Failure to submit electronic responses, via DemandStar, will result in the rejection of your response. Submittals received via U.S. Postal Service, FedEx, UPS, etc., will be returned unopened at the expense of the sender. The Purchasing Division will not accept hand-delivered submittals, and will immediately discard any submittal left in the reception area of the Finance Department.

See following pages for an Electronic Proposal Submission Requirements Checklist and information for DemandStar.

The Purchasing Division sincerely appreciates your cooperation during these unprecedented times.

# ELECTRONIC BID SUBMISSION REQUIREMENTS CHECKLIST

## PROTECTIVE FIRE CLOTHING AND ACCESSORIES (Annual Contract) RFB No. 21-0035

### IMPORTANT NOTICE

1. Vendors shall submit only the required documents listed using the "Bidder Response ALL DOCUMENTS" function. Do not enter information in "Supplemental Documents".
2. Zip files with multiple folders will not be accepted. Vendors shall submit one PDF file of proposal.
3. Due to file size limitations, please do not re-send the City's full specifications document as this information is already on file.
4. In the event DemandStar requires a dollar value for your submittal, enter "0".

**Please submit your electronic bid response as indicated below:**  
Scan all pages as one PDF file and submit in "Bidders Response ALL Documents".

- \_\_\_ 1. COMMUNICATION CONCERNING THIS SOLICITATION (Form 1)
- \_\_\_ 2. BID FORM (Form 2)
- \_\_\_ 3. PRICING PAGES (Pages 35-36)
- \_\_\_ 4. RESPONSES TO DETAILED SPECIFICATIONS (Pages 15 thru 32)
- \_\_\_ 5. MANUFACTURER WARRANTY
- \_\_\_ 6. PRODUCT LITERATURE / SPECIFICATIONS
- \_\_\_ 7. SAMPLE INVOICE
- \_\_\_ 8. CONTRACT SIGNATURE PAGE (Form 3)
- \_\_\_ 9. ADDENDA (IF ANY)
- \_\_\_ 10. BUSINESS LICENSE 2021
- \_\_\_ 11. W-9 Rev 2018 ( <https://www.irs.gov/pub/irs-pdf/fw9.pdf> ) (submit Page 1 only)

**NOTE:** After award of contract by Columbus City Council, the awarded vendor will be notified to provide two (2) identical hard copies of submitted bid proposal with original signatures.



# Registering for DemandStar



We are pleased to announce our membership in the DemandStar network. DemandStar is an online marketplace that connects our suppliers directly to the bids, quotes and RFPs that matter to them.

DemandStar is open and accessible to all businesses and provides instant access to our solicitations. By registering for your complimentary DemandStar account, you will receive:

- **Instant** access to bids, quotes and RFPs
- **Automatic** notifications, right to you inbox, of bids that match the commodity codes you select
- The ability to **quickly view** the contractual terms and scope of work
- All the **forms and documents** you need in one place
- Access to **more government bids** in neighboring cities, counties and states

**It's EASY!** Get started with these 3 easy steps!

## 1 REGISTER

Go to:

<https://www.demandstar.com/registration>

### Create an Account with DemandStar

You are one step away from picking your free government agency

Email Address

Company Name

I accept the DemandStar Terms of Use and Privacy Policy

Next



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206.940.0305



## 2 CHOOSE YOUR FREE AGENCY

Type in the name of the government agency you'd like to add, for example "City of Metropolis" in the Search Box

### ← Choose Your Free Agency

Receive full access to the government agency of your choice and receive advance notifications of new opportunities.

City of Metropolis 

Narrow down your search by selecting a state and county.

State	County
Select State ▼	Select County ▼

- City of Metropolis – Board of Commissioners
- City of Metropolis Purchasing
- Metropolis Technical College

## 3 CHECK OUT

Check out with your **FREE AGENCY** Registration by clicking "Skip for now" on the page where it gives you options to add additional counties and States

You have chosen Metropolis Technical College as your free agency. Add additional government agencies below for \$25 per County, Statewide and National subscriptions available.

My Subscriptions  [0]

Nation (0)

States (0)

Counties (0)

Total	(0 subscriptions)	Your Current Rate
		\$0/year

Proceed to Checkout

→ Skip for Now

**SIGN UP**

Visit [www.demandstar.com](http://www.demandstar.com)



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206.940.0305

# Responding to an Electronic Bid

5 Step Instructions

## Step 1

Many governments are moving toward requiring bid responses electronically. Here are the steps to respond to a bid electronically.

- Click on the solicitation name

The screenshot shows a web interface with a navigation bar at the top containing 'Dashboard', 'Bids', 'Quotes', 'Company Alerts', 'Activities', 'Bidding Alerts', 'Messages', and 'Responses'. Below the navigation bar is a 'Bids' section with a 'Sort By' dropdown set to 'Due Date'. A list of bid entries is displayed, with an arrow pointing to the first entry:

Bid ID	Location	Broadcasts	Due	Planholders	Watch
TSFBIDVH024JAH01	City of Fort Pierce - Purchasing Department, Fort Pierce, AZ	1/19/2020	3/1/2020	3	Watch
AAEB-CG-DD-EE	Age 420, Texas, FL	2/4/2020	2/29/2020	0	Watch
TEST BID	Age 420, Texas, FL				Watch

## Step 2

Once you are in the solicitation, you will see the Bid Details page that is standard for all solicitations

- When you are ready to submit your bid, click on "Submit E-Bid Proposal"

**Bid Details**

Agency Name: Agency 1  
 Bid Number: 1234567890123456  
 Bid ID: 1234567890123456  
 Bid Type: E-Bid  
 Document Code: 1234567890123456  
 Fiscal Year: 2020  
 Bid Name: TEST BID

**Scope of Work**

1234567890123456

**Documents**

Filename	Type	Size (KB)	Status
file	Document	1234567	Complete

**Distribution Info**

Site Code: 123456  
 Plan Number: 123456  
 Bid Type: E-Bid  
 Distribution By: 1234567890123456  
 Distribution Method: 1234567890123456  
 Distribution Code: 1234567890123456  
 Project Estimated Budget: 1234567890123456  
 Distribution Type: 123456

**Publications**

1234567890123456

**Pre-Bid Conference**

1234567890123456

**Commodity Code**

1234567890123456

**Submit E-Bid Proposal**

## Step 3

Enter information requested page-by-page and you can see what will come next via the menu bar on the left under "E-Bid Progress"

If there is not a total bid amount in your submission, please put "0"

Example: a request for qualifications opportunity may not require a bid amount so vendors will input "0" under "Bid Amount"

**DEMANDSTAR** Dashboard Bid Quotes E-Bid Progress E-Bid Response

**Bid Details**

Agency Name: Agency 1  
 Bid Number: 1234567890123456  
 Bid Due Date: 12/31/2020 12:00:00  
 Bid Opening: 12/31/2020 12:00:00  
 Bid Name: TEST BID

**E-Bid Progress**

- Contact Information
- Document Upload
- Review Bid

**E-Bid Response**

**Contact Information**

Company Name:

Address 1:

Address 2:

City:

Country:

State/Province:

County:

Postal Code:

Phone Number:

Extension:

Bid Amount:

Alternate Bid Amount:

Notes:

**Next**



## Step 4

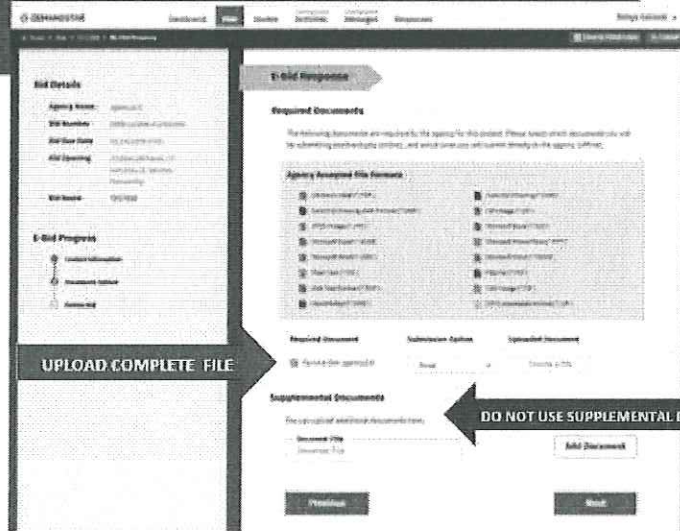
After you click NEXT on the Contract Information page, you will be directed to enter the documents required.

Create one (1) file containing only the required documents listed on the "Electronic Proposal Submission Checklist" page of the specifications and upload using the "Bidder Response ALL Documents" function.

**NOTE: Do not enter information using the "Supplemental Documents" function.**

Due to file size limitations, please do not include the City's specification document in your uploaded response as this information is already on file. Font and page limitations may also apply.

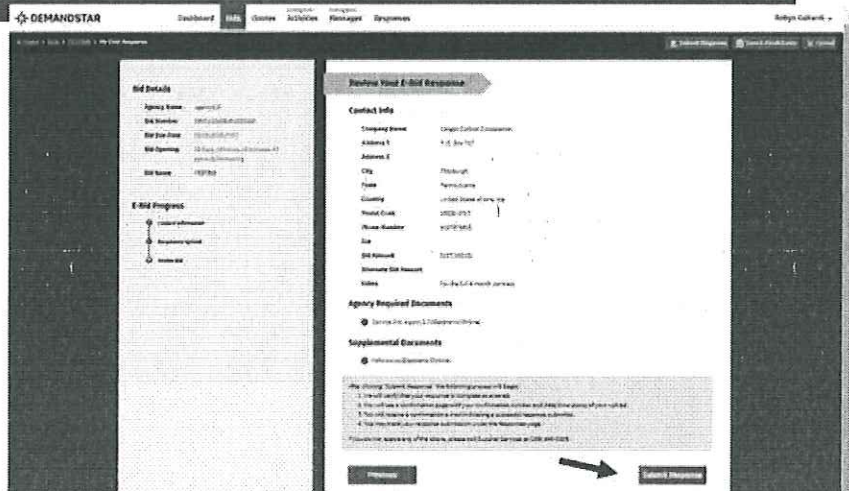
**BEST PRACTICE TIP:** In some instances, multiple addenda may be issued for a solicitation. To avoid having to re-upload your firm's response file multiple times, it is **recommended** that vendors upload within five (5) business days of the due date. The City posts all documents, to include addenda, on the Finance Department Bid Opportunities web page: [https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid\\_Opportunities.htm](https://www.columbusga.gov/finance/purchasing/docs/opportunities/Bid_Opportunities.htm).



## Step 5

Review Your E-Bid Response, and if everything is correct, then press "Submit Response"

You are done! And the government to which you've submitted this will download your responses and documents and see the day and time upon which you submitted your proposal.



**EXHIBIT C**

*Columbus Consolidated Government*

*Protective Fire Clothing and Accessories (Annual Contract)*

*RFB No. 21-0035*

*North America Fire Equipment Co, Inc.*  
*dba NAFECO*

*Bid Submission*



**FORM 1**

**COMMUNICATION CONCERNING THIS SOLICITATION**

**THIS PAGE MUST BE SIGNED AND RETURNED WITH THE VENDOR'S BID/PROPOSAL. FAILURE TO INCLUDE THIS FORM WILL AUTOMATICALLY RENDER VENDOR'S RESPONSE NON-RESPONSIVE.**

.....  
ALL QUESTIONS OR CLARIFICATIONS CONCERNING THIS SOLICITATION SHALL BE SUBMITTED IN WRITING. THE CITY WILL NOT ORALLY OR TELEPHONICALLY ADDRESS ANY QUESTION OR CLARIFICATION REGARDING BID/PROPOSAL SPECIFICATIONS. IF A VENDOR VISITS OR CALLS THE PURCHASING DIVISION WITH SUCH QUESTIONS, HE OR SHE WILL BE INSTRUCTED TO SUBMIT THE QUESTIONS IN WRITING.

**ALL CONTACT CONCERNING THIS SOLICITATION SHALL BE MADE THROUGH THE PURCHASING DIVISION.** BIDDERS SHALL NOT CONTACT CITY EMPLOYEES, DEPARTMENT HEADS, USING AGENCIES, EVALUATION COMMITTEE MEMBERS, INCLUDING NON-CCG EMPLOYEES, CONTRACTED PERSONNEL ASSOCIATED WITH THIS PARTICULAR PROJECT (I.E. ARCHITECTS, ENGINEERS, CONSULTANTS), OR ELECTED OFFICIALS WITH QUESTIONS OR ANY OTHER CONCERNS ABOUT THE SOLICITATION. QUESTIONS, CLARIFICATIONS, OR CONCERNS SHALL BE SUBMITTED TO THE PURCHASING DIVISION IN WRITING. IF IT IS NECESSARY THAT A TECHNICAL QUESTION NEEDS ADDRESSING, THE PURCHASING DIVISION WILL FORWARD SUCH TO THE USING AGENCY, WHO WILL SUBMIT A WRITTEN RESPONSE.

THE PURCHASING DIVISION WILL FORWARD WRITTEN RESPONSES TO THE RESPECTIVE BIDDER. IF IT BECOMES NECESSARY TO REVISE ANY PART OF THIS SOLICITATION, A WRITTEN ADDENDUM WILL BE ISSUED TO ALL BIDDERS.

THE CITY IS NOT BOUND BY ANY ORAL REPRESENTATIONS, CLARIFICATIONS, OR CHANGES MADE TO THE WRITTEN SPECIFICATIONS BY CITY EMPLOYEES, UNLESS SUCH CLARIFICATION OR CHANGE IS PROVIDED TO THE BIDDERS IN A WRITTEN ADDENDUM FROM THE PURCHASING MANAGER.

BIDDERS ARE INSTRUCTED TO USE THE ENCLOSED "QUESTION/CLARIFICATION FORM" TO FAX OR EMAIL QUESTION. QUESTIONS AND REQUESTS FOR CLARIFICATION MUST BE SUBMITTED AT LEAST FIVE (5) BUSINESS DAYS BEFORE THE DUE DATE.

ANY REQUEST/CONCERN/PROTEST, AFTER A SOLICITATION HAS CLOSED AND PENDING AWARD, MUST ALSO BE SUBMITTED IN WRITING TO THE PURCHASING DIVISION.

**I agree to forward all communication about this solicitation, in writing, to the Purchasing Division. I understand that communication with other persons, other than the Purchasing Division, will render my Bid/Proposal response non-responsive and I will no longer be considered in the solicitation process.**

**Vendor Name:** North America Fire Equipment Co., Inc. (NAFECO)

**Print Name of Authorized Agent:** Ronald Woodall

**Signature of Authorized Agent:** *Ronald Woodall*





COLUMBUS CONSOLIDATED  
GOVERNMENT  
Georgia's First Consolidated Government



FINANCE DEPARTMENT  
PURCHASING DIVISION

100 TENTH STREET, P. O. Box 1340  
COLUMBUS, GEORGIA 31902-1340  
706-225-4087, Fax 706-225-3033  
BidLine 706-225-4536  
[www.columbusga.org](http://www.columbusga.org)

June 11, 2021

Addendum No. 1

Protective Fire Clothing and Accessories (Annual Contract)  
RFB No. 21-0035

Acknowledgment of receipt of Addenda must be included with sealed bid. Failure to acknowledge receipt of this addendum may render your bid "incomplete".

Initials:     RW     Company: North America Fire Equipment Co., Inc.

Vendors are informed that the above subject Bid is hereby modified, corrected, or supplemented as specified, described and set forth in this Addendum:

1. Question: "Item 4 on the Pricing Page lists "PGI Cobra Ultimate" hood (pg 35), but the provided specs indicate Majestic Pac II P84 (pg 29). Please advise."

Answer: The bid should be based on the PGI Cobra Ultimate hood as shown on the Pricing Page, Line 4. **Specifications for the HOOD are hereby changed to APPENDIX A:**

Majestic Pac II P84 Hood specifications (Page 29) has been replaced with PGI Cobra Ultimate Hood. See **REVISED Detailed Description/Specifications, Appendix A (attached), and submit with your bid.**

2. Question: "Item 5 on the Pricing Page lists "Vanguard MK1" glove (pg 35), but the provided specs indicate Shelby 5225/5226 (pg 29). Please advise."

Answer: The bid should be based on the Vanguard MK1, Model 7877, Gauntlet glove as shown on the Pricing Page, Line 5. **Specifications for GLOVES are hereby changed to APPENDIX B:**

Shelby Specialty Gloves specifications (Pages 31-32) has been replaced with Vanguard MK-1 Model 7877, Gauntlet gloves. See **REVISED Detailed Description/Specifications, Appendix B (attached), and submit with your bid.**

3. Question: *"Can you provide some detail on the desired leather front? I.E. Number of panels? What is in the center? Is back bracket needed? All of this information has an effect of the pricing."*

Answer: The leather front for helmets is by Conway Shield. We use three (3) different colors – black, red and white. There are two (2) panels. There is nothing on center. No bracket on back.

4. Question: *"Does the department have a preferred make & model for the leather structural boot?"*

Answer: The preferred make & model for boots is Thorogood Hellfire or equivalent.

**Andrea J. McCorvey**  
**Purchasing Division Manager**



**We do amazing.**

BID FORM

PROTECTIVE FIRE CLOTHING AND ACCESSORIES  
(Annual Contract)  
RFB NO. 21-0035

**IMPORTANT INFORMATION:**

PLEASE SUBMIT ONE (1) ELECTRONIC BID RESPONSE VIA DEMANDSTAR  
ON OR BEFORE June 30, 2021 – 2:30 PM (EST)

By signing this Bid Form, the authorized representative understands the City reserves the right to request any omitted information, **WHICH DOES NOT AFFECT THE SUBMITTED BID PRICE**. Bidders shall be notified in writing, and shall have two (2) days after notification to submit the omitted information, to exclude *Communications Concerning This Solicitation*. If the omitted information is not received within two (2) days, the Bidder shall be deemed non-responsive and the Bid Submission will be deemed "Incomplete". Use the following check-list to verify the items are included in sealed bid:

- Communication Concerning This Solicitation (Form 1)       Bid Form (Form 2)
- Pricing Pages (Pages 35-36)       Responses to Detailed Specifications (Pages 15-32)
- Manufacturer Warranty       Product Literature / Specifications       Sample Invoice
- Contract Signature Page (Form 3)       Business License       W-9 Rev 2018

Initial below to acknowledge receipt of the following addenda (if any):

Addendum No. 1 RW      Addendum No. 2 \_\_\_\_\_      Addendum No. 3 \_\_\_\_\_

The undersigned hereby declares that he has/they have carefully examined the specifications herein referred to and will provide all equipment, services and terms of the Columbus Consolidated Government.

North America Fire Equipment co., Inc. (NAFECO)      ronald.woodall@nafeco.com

---

Vendor Business Name      Email Address

Ronald Woodall      Ronald Woodall      6/24/21

---

Authorized Signature      Print Name      Date



Please circle and initial if Business is {Minority} or {Woman} Owned: \_\_\_\_\_

If certified as a DBE or WBE, list the certifying agency: \_\_\_\_\_

Not Minority, Woman or DBE owned (please initial) RW

**\*\*\*COMPLETE ALL PAGES AND RETURN WITH BID\*\*\***



## PRICING PAGE



**NAFECO™**  
 1515 West Moulton Street  
 Decatur, Alabama 35601  
 800-628-6233  
 Fax (256) 355-0852  
 www.nafeco.com

### PROTECTIVE FIRE CLOTHING AND ACCESSORIES (Annual Contract) RFB 21-0035

<b>Vendor Name:</b>					
	DESCRIPTION	MANUFACTURER	ESTIMATED USAGE	UNIT COST	EXTENDED COST
1.	Protective Coats	LION SUPER DELUXE	30 each	\$ 1,041.93	\$ 31,257.90
2.	Protective Pants	LION SUPER PANT	30 each	\$ 641.15	\$ 19,234.50
3.	Suspenders	LION SB342T	30 each	(INCLUDED IN \$ PANT PRICE)	\$ (INCLUDED IN PANT PRICE) **
4.	Hood (PGI Cobra Ultimate)	PGI 3049298	30 each	\$ 38.35	\$ 1,150.50
5.	Gloves (Vanguard MK-1 Model 7877, Gauntlet)	VANGUARD 7877	30 each	\$ 81.00	\$ 2,430.00
6.	Helmets (LION Brand, Style #6-2, with Integrated Goggles LFH9120I)	LION LFH9120I	30 each	\$ 274.99	\$ 8,249.70
7.	Leather Front for Helmet	CONWAY 6-2	30 each	\$ 53.00	\$ 1,590.00
8.	Leather Radio Harness; 1 1/4"	BOSTON LEATHER 6542	30 each	\$ 36.50	\$ 1,095.00
9.	Leather Radio Harness; 1 1/4" XL	BOSTON LEATHER 6542-XL	30 each	\$ 39.10	\$ 1,173.00
10.	Anti-Sway Strap; Plain	BOSTON LEATHER 5425-1	30 each	\$ 8.97	\$ 269.10
11.	Radio Holder for Motorola APX	BOSTON LEATHER 5611RC	30 each	\$ 34.40	\$ 1,032.00
12.	Structural Bunker Boots (Leather); Mens	LION by Thorogood 804-6369	30 each	\$ 284.94	\$ 8,548.20
13.	Structural Bunker Boots (Leather); Ladies	LION by Thorogood 504-6369	30 each	\$ 284.94	\$ 8,548.20
14.	ESS Goggles 740-0268 INTERZONE 2	ESS 740-0268	30 each	\$ 55.00	\$ 1,650.00
15.	Pelican Flashlight 3415M	PELICAN 3415M	30 each	\$ 39.25	\$ 1,177.50
<b>TOTAL ESTIMATED CONTRACT VALUE</b>					<b>\$ 87,405.60</b>

\*\* If additional suspenders are needed, price is \$44.55 per pair.

**VENDOR SHALL PROVIDE A PERCENTAGE DISCOUNT OFF LIST PRICE FOR ITEMS NOT LISTED:**

4.0 %

Delivery will be made within \*\* days after receipt of purchase order; all shipping, delivery and freight charges must be included in bid prices. The City will pay no additional shipping, delivery, freight charges, and/or any additional add-on fees. **Inability to make delivery within specified time will authorize the City to purchase from other sources.**

NORTH AMERICA FIRE EQUIPMENT CO., INC. (NAFECO)  
 COMPANY NAME

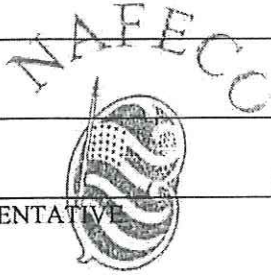
1515 West Moulton Street      Decatur      AL      35601  
 COMPANY STREET ADDRESS - PHYSICAL LOCATION      CITY      STATE      ZIP CODE  
 (P.O. BOXES WILL RENDER BID INCOMPLETE)

1515 West Moulton Street      Decatur      AL      35601  
 COMPANY REMITTANCE OR MAILING ADDRESS      CITY      STATE      ZIP CODE

256-353-7100 or 800-628-6233      256-355-0852  
 COMPANY PHONE NUMBER      COMPANY FAX NUMBER

*Ronald Woodall*      6/24/21  
 SIGNATURE OF AUTHORIZED REPRESENTATIVE      DATE OF SIGNATURE

Ronald Woodall, Vice President      ronald.woodall@nafeco.com  
 "PRINT" NAME AND TITLE OF AUTHORIZED REPRESENTATIVE      EMAIL ADDRESS



**\*\*** Delivery for line items #1 and #2 - 90 to 120 days ARO.

Delivery for all other line items - 30 to 45 days ARO.



# DETAILED TECHNICAL SPECIFICATIONS

## NAFECO FUSION STOCK PROTECTIVE CLOTHING AND ACCESSORIES SPECIFICATIONS NFPA 1971, 2007 EDITION

### SCOPE

The purpose of the clothing is to provide protection during structural firefighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

COMPLY

YES

NO

### STANDARD

All garments produced shall meet or exceed the criteria set forth in the current edition of NFPA 1971 STANDARD ON PROTECTIVE CLOTHING FOR STRUCTURAL FIRE FIGHTING, FED-OSHA CFR 1910, Subpart L, OSHA 29 CFR Part 1910.1030 and/or the requirements of CAL-OSHA title 8, Article 10.1, Para. 3406.

All components and composites used in the construction of garments shall be third party tested, certified and listed for compliance to NFPA 1971. The label of the third part tester shall denote certification.

The manufacturer shall be registered to the ISO Standard 9001 to assure a satisfactory level of quality.

COMPLY

YES

NO

### USER GUIDE INFORMATION

Each garment shall include a User Information Guide with information required by NFPA 1971. This guide shall include:

(a) Pre-use information:

- Safety considerations
- Limitations of use
- Garment marking recommendations and restrictions
- A statement that most performance properties of the garment cannot be tested by the user in the field
- Warranty information.

(b) Preparation for use:

- Sizing / adjustment
- Recommended storage practices.

(c) Inspection:

- Inspection frequency and details.

(d) Don / Doff:

- Donning and doffing procedures
- Sizing and adjustment procedures
- Interface issues.

(e) Use:

- Proper use consistent with NFPA 1500, Standard on Fire Department, Occupational Safety and Health Program, and 29 CFR 1910, 132.

(f) Maintenance and Cleaning:

- Cleaning instructions and precautions with a statement advising users not to use garments that are not thoroughly cleaned and dried
- Inspection details



- Maintenance criteria and methods of repair where applicable
  - Decontamination procedures for both chemical and biological contamination.
- (g) Retirement and Disposal
- Retirement and disposal criteria and considerations.
- (h) Drag Rescue Device (DRD)
- Use, inspection, maintenance, cleaning and retirement of the DRD.

COMPLY                       YES                       NO

**TRACKING LABEL SYSTEM**

There shall be a PDF417, two dimensional bar code label permanently affixed to each garment for tracking purposes. The bar code shall contain a minimum of the following information:

- a. unique serial number
- b. item description (brand, model, material color)
- c. lot information (date of mfg., size, etc.)
- d. material description
- e. the standard to which the garment is compliant.

The bar code shall be able to withstand customary wash and wear cycles. The PDF417 bar code must incorporate a minimum of a 30% "error correction" capability.

COMPLY                       YES                       NO

**SIZES**

Coats shall be made available in even chest sizes with corresponding sleeve lengths available in short, regular, and long. Pant sizes shall be made available in even waist sizes with inseam lengths available in extra short, short, regular and long. Male and female sizing available.

COMPLY                       YES                       NO

**WARRANTY**

Each garment shall have a limited lifetime warranty against defects in material and workmanship.

COMPLY                       YES                       NO

**COMPOSITE PERFORMANCE**

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Thermal Protective Performance (TPP) of not less than 41 when tested in accordance with NFPA 1971 standard.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Total Heat Loss (THL) of not less than 238 when tested in accordance with NFPA 1971 standard.

The Heat Transfer Index rating shall be 25 seconds for the shoulder when measured at 2 psi (pounds per square inch) and 25 seconds for the knee when measured at 8 psi.

COMPLY                       YES                       NO

**STRESS POINTS**

All outer shell stress points, including top and bottom pocket corners, pocket flap corners, top and bottom of storm flap/fly shall be reinforced using a 42 stitch minimum bar tack.

COMPLY                       YES                       NO

**LABELING**

Each garment shall have a garment label(s) permanently and conspicuously attached stating at least the following language, as well as detailed warning instructions provided by the manufacturer.

**DO NOT REMOVE THIS LABEL**

**THIS GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA 1971, STANDARD ON PROTECTIVE ENSEMBLE FOR STRUCTURAL FIRE FIGHTING, 2013 EDITION MADE IN THE U.S.A.**  
COMPLY                     YES                     NO

**PACKAGING**

Each Coat and Pant shall be packaged in a dark plastic bag in order to provide protection during shipping and prior to first use.

COMPLY                     YES                     NO

**LION FIRE ACADEMY**

Online training shall be available meeting NFPA 1500 training requirements on the safe use of the (garments, helmet, boots, gloves, hood). This online training shall include:

- Personal Responsibility of the Individual Fire
- Purpose and Limitations
- Structural PPE Construction, Features, and Functions
- Routine Inspection
- Donning and Doffing
- Proper Fit and Overlap
- Using Your PPE Safely
- How Fire Fighting Affects the PPE
- Routine Cleaning of PPE
- Assembly and Disassembly of PPE
- Storage
- Useful Life and Retirement of PPE

Additionally, online training satisfying NFPA 1851 training requirements on advanced inspection, advanced cleaning and basic repairs (turnouts and helmets) shall be available.

COMPLY                     YES                     NO

**ACQUISITION REGULATION**

In the past seven-year period, has your firm, or any of its principals, been convicted or had a civil judgement rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or Local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property?

COMPLY                     YES                     NO



# DETAILED DESCRIPTION SPECIFICATIONS

## JANESVILLE® SUPER-DELUXE™ COAT

### COAT MODEL / DESIGN

**COAT CONSTRUCTION:** The coat shell shall be of 3-panel construction in all layers with an inverted pleat on each side where back front and back body panel pieces meet. Each pleat shall begin at the back of each shoulder and shall extend vertically down the side of the coat. A combination moisture barrier / thermal shall include a corresponding 1" inward dynamic fold approximately 1.5" from each sleeve seam at the shoulder.

This fold shall provide for coat expansion when extending arms forward and shall interface with the inverted pleats of the outer shell to maximize mobility and function of the outer shell and thermal liner. The coat shell and moisture barrier / thermal liner shall be oversized to assure proper chest fit and insure maximum mobility without restriction of the arms and shoulders. Bi-swing construction shall provide better fit, longer wear and greater comfort. Sleeves shall be of full length and of shoulder insert, 2-panel type design.

**BELLOWS UNDERARMS:** Bellows underarm construction shall be used in all layers of the coat - outer shell / moisture barrier / thermal liner - ensuring maximum upper body freedom of movement including complete arm mobility when reaching up and/or forward. Bellows construction shall extend to all inner layers of the coat making it possible for the fit and freedom of movement, derived from the outer shell bellows construction, to be passed through the inner layers to the wearer's body.

The outer shell / moisture barrier / thermal liner bellows shoulder construction shall consist of an underarm and shoulder bellows of elongated football shape not less than 8" wide by not less than 15" long sewn into each of the coats' fabric layers by two-needle construction. The bellows in each layer shall begin at a point corresponding to the front of the armpit, wrap around under the arm and shoulder joint, and terminate at the rear top of the shoulder.

**FREEDOM ELBOW:** The sleeve shall have an insert throughout all layers that shall provide a natural bend in the sleeve. This insert shall be set in the back of each sleeve and shall be a shortened football shape, 6" wide in the middle and 3" wide at the seams.

COMPLY

YES

NO

### COAT MODEL / DESIGN

When measured at the center of the back from the collar seam to the hem bottom, the coat shall measure 32" long.

COMPLY

YES

NO

### DRAG RESCUE DEVICE

The Fire Fighter Recovery Harness™ shall be constructed of a one and one-half inch wide KEVLAR® strap that shall be installed between the outer shell and the thermal liner. This harness shall have a hand loop (16" in circumference) that exits the outer shell through a 2" polymer coated aramid reinforced slot on the back of the coat just below the collar and is held in place by means of a piece of 1.5" x 2" hook on the strap and a piece of 1" x 2" loop attached to the outer shell.

This strap is then secured under a 2.25" x 5.25" flap that is sewn in at the neck / collar area. Two pieces 1" x 2" loop shall be set vertically on shell to align with two pieces of 1" x 2" hook set vertically to the underside of the flap. The harness is also held in proper alignment by means of a 2" x 2" piece of loop placed on the inside of the outer shell underneath the chest trim that corresponds to a piece of 1.5" x 2" hook located on the harness. Two 1" x 3.5" self-fabric straps with 1" x 2" hook on one end and 1" x 2" loop on other end shall be set to coat in the shoulder cap area to keep straps in proper position for use.



Fire Fighter Recover Harness™ provides mechanical leverage for dragging a downed and incapacitated structural firefighter from a life-threatening environment. The design of the harness enables the rescuer to drag the downed firefighter in line with the axis of the firefighter's skeletal frame, in order to decrease the risk of further injury.

COMPLY

YES

NO

**COAT OUTER SHELL MATERIAL**

The outer shell shall be constructed of +/- 6.5 oz./sq. yd, 65% Kevlar®/35% Nomex® twill weave with extremely durable FPPE water resistant Teflon® FPPE alloy. Color shall be GOLD.

COMPLY

YES

NO

**COAT LINE & MOISTURE BARRIER**

**THERMAL LINER:** The thermal liner shall be comprised of Glide™ high-lubricity, stress reducing, filament/spun face cloth weighting 3.6 oz/sq yd. The high filament yarns, with superior wicking characteristics, shall represent no less than 60% of the face cloth's composition, and shall be positioned in the warp direction of the weave in order to optimize their slipper characteristics on the face, and promote superior moisture management within the microclimate of the garment.

The Glide™ face cloth shall be quilted to one layer E-89™ spunlace aramid (85%NOMEX® / 15%KEVLAR®) weighing approximately 2.3 oz / sq yd and one layer of apertured (11-13 apertures / sq inch) E-89™ spunlace aramid (85%NOMEX® / 15%KEVLAR®) weighing approximately 1.5 oz / sq yd both layers shall be treated with a Teflon® finish to promote minimal moisture stored in the garment microclimate as well as promote rapid drying (Total Weight +/- 7.3 oz / sq yd).

**MOISTURE BARRIER:** Nonwoven aramid substrate laminated to a lightweight breathable, Gore RT7100™ PTFE, membrane; weighing 4.6 oz / sq yd. The liner shall have one 8.5" x 8.5" internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of coat liner.

**QUILT THERMAL LINER CONSTRUCTION:** Quilt Thermal Liner Construction: The moisture barrier shall be completely sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier / thermal liner shall finish no more than 1" from the cuffs and 3" from the hem.

**MOISTURE BARRIER / THERMAL LINER ATTACHMENT:** Completely Removable:

The moisture barrier / thermal liner shall be completely detachable from the outer shell for ease of cleaning by the use of hook and loop, zippers, and snaps. There shall be a zipper down each front facing, hook and loop along the neck to interface with collar as well as hook and loop and one snap at each sleeve end. All moisture barrier seams shall be sealed as required by NFPA 1971.

COMPLY

YES

NO

**REFLECTIVE TRIM**

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment. Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Coat trim shall be applied as follows: New York Pattern: One 3" strip shall be set full circumference at the bottom sweep of the outer shell; one 3" strip shall be set around each sleeve approximately 2" above the cuff; one 3" strip shall be set around each sleeve just above the elbow; one 3" strip shall be set full circumference at the chest.

COMPLY

YES

NO

**COAT COLLAR**

**MOISTURE BARRIER / THERMAL LINER CONSTRUCTION:** The liner collar shall be a layer of self-material and a layer of CROSSTECH® Black. The design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the liner collar shall be attached to the facings at the front closure of the outer shell. The neck of the liner collar shall be secured to the neck of the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings. A 4" wide CROSSTECH® Black and 1.75" self-material extension shall be sewn the full length of the neck with two pieces of 1" loop for attachment to shell collar. The self-material extension shall overlap the shell collar to prevent exposure of the hook and loop. Collar closure shall be provided by FR hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontal.

**COLLAR:** The 3" split collar shall consist of two-piece construction shaped for comfort. The collar shall be configured such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with a layer of CROSSTECH® Black. The shell collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of coat. The shell collar shall have two pieces ¾" hook along top edge for liner attachments. The collar shall be attached to the liner facing using ¾" hook along top edge for liner attachment. The collar shall be attached to the liner facing using ¾" hook. Collar shall be of such design so as not to interfere with SCBA face masks, or helmet.

COMPLY                       YES                       NO

**HANGER LOOP**

An external hanger loop constructed of a double layer of outer shell material and reinforced with two 42-stitch bar tacks shall be provided on the outside of the coat at the collar seam. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is hung by the hanger loop, loaded evenly with a weight of 80 lbs. and allowed to hang for one minute.

COMPLY                       YES                       NO

**COAT INNER YOKE REINFORCEMENT**

A layer of Semper Dri™ (3.0 oz/sq yd Teflon® treated Chambray (NOMEX® spun) face cloth quilted to araflo/E-89™ (Total weight +/- 6.0 - 6.8 oz/sq yd)) shall be positioned between the moisture barrier and thermal liner for extra thermal protection in a high heat and compression area of the coat. It shall be sewn to the inside of the upper back portion of the thermal liner across the upper back from the back shoulder and collar seams 7" down, over the tops of shoulders and down the front approximately 4" ending at the armhole.

COMPLY                       YES                       NO

**COAT SHOULDER REINFORCEMENT**

A 4" wide area at the top of the shoulders extending 6" from the collar seam shall be capped with outer shell material for abrasion resistance and thermal protection. For additional thermal protection and cushioning, one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be oriented between the outer shell and the shoulder cap reinforcement.

COMPLY                       YES                       NO

**COAT ELBOW REINFORCEMENT**

The elbow shall be reinforced with black split cowhide leather for abrasion resistance and thermal protection.

COMPLY                       YES                       NO



**COAT CUFF REINFORCEMENT**

The cuff of the sleeve shall be reinforced with a binding of black split cowhide leather not less than 3" in total width for abrasion resistance and thermal protection. At least 2" of the cuff reinforcement shall extend down the interior of the outer shell sleeve with a .75" wide strip of FR hook sewn full circumference to the topside of the cuff reinforcement. For added safety, (1) female snap fastener shall be set in the hook fastener to assist in attaching outer shell to moisture barrier / thermal liner.

COMPLY

YES

NO

**COAT WRISTLETS**

An internal wristlet shall consist of a 2-ply knit of 48% NOMEX® / 48% KEVLAR® / 4% Spandex for superior recovery. Wristlet to be combination of natural and bronze colors producer dyed by DuPont, and with extremely durable Teflon® water resistant alloy not less than 8" extending completely over the palm with a thumbhole preventing the wristlet from sliding back. Wristlets shall be double stitched and bound to the moisture barrier / thermal liner providing extended thermal and slash protection.

COMPLY

YES

NO

**COAT WATER WELL – EVER-DRI**

A combination Semper Dri™ (3.0 oz/sq yd Teflon® treated Chambray (NOMEX® spun) face cloth quilted to araflo / E-89™ (Total weight +/- 6.0-6.8 oz/sq yd) and one layer of breathable CROSSTECH® Black (Type 2F) leader shall be sewn no more than 1" back from the combination liner sleeve end to form a sleeve well. One male snap and one .75" wide strip of FR loop shall be sewn full circumference to the end of the thermal liner / CROSSTECH® Black (Type 2F) moisture barrier leader to help secure the combination liner to the outer shell. This sleeve well shall prevent water and hazardous materials from entering the sleeve when arms are in a raised position.

The combination liner sleeve ends shall be inserted into the outer shell sleeve ends by means of lining up the male snaps then attaching the FR loop fastener of the combination liner sleeve end with the female snap and FR hook fastener of the outer shell cuff. This method of combination liner attachment shall prevent any gaps from occurring between the combination liner and sleeve well during a full range of motion. The combination liner shall extend to within 1" of the sleeve end.

COMPLY

YES

NO

**COAT CLOSURE SYSTEM**

**THERMAL FRONT PANEL CONSTRUCTION:** There shall be continuous thermal and moisture protection around the entire torso including the storm flap. To ensure this protection, as well as reduce potential for wicking moisture to inside of liner, both right and left inside front facings of the coat outer shell shall incorporate outer shell fabric and Gore RT7100™ PTFE moisture barrier, extending from collar to hem.

**COAT FRONT CLOSURE DESIGN:** The complete outer shell coat front closure design shall consist of a FRONT CLOSURE SYSTEM completely protected by an OUTSIDE STORM FLAP which shall have its own, independent STORM FLAP CLOSURE SYSTEM.

**STORM FLAP:** A storm flap measuring not less than 3" wide, nor less than 22" in length shall be set on the outside of the right side of the coat opening for maximum thermal protection and clear drainage. The inner lining of the storm flap shall be Gore RT7100™ PTFE moisture barrier meeting all requirements for moisture barriers sandwiched between two layers of outer shell fabric.

**FRONT / STORM FLAP CLOSURES:** The front closure shall consist of a thermoplastic zipper such that fast closure and exit is possible yet the coat remains securely closed while working. The storm flap closure shall consist of double-stitched 1.5" wide FR hook and loop attachments with FR hook fastener sewn on the left front of the coat, and corresponding FR loop fastener sewn on the inner side of the outer storm flap. The hook and loop closure shall extend the full length of the outer storm flap eliminating all exposed frontal hardware. The front closure shall consist of 1.5"



hook and loop attachments which shall be sewn into the coat overlap, along the leading edge of the left and right sides of the coat.

COMPLY

YES

NO

**LINER INSPECTION SYSTEM**

There shall be an 11" opening located on the coat liner system at the center left front of the liner. This opening will provide the ability to completely invert the coat liner to properly view the integrity of the entire liner system. There shall be one piece 1" x 4" FR loop sewn to the back side of the liner system with a piece of 1.5" x 3" FR hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

COMPLY

YES

NO

**Coat Options**

\*\*\* Accessories that will be included with the Coasts; listed below, if any...

COMPLY

YES

NO

**MIC TAB**

There shall be 2" x 5" triple-layer self-fabric mic tab sewn to the shell.

COMPLY

YES

NO

**ITEM LOCATION FOR ABOVE**

Shall be located as follows - (1) Left Chest above Radio Pocket; (1) Right Chest.

COMPLY

YES

NO

**LETTERING PATCHES**

There shall be one 5" x 18" contoured 2-layer self-fabric one-line Letter Patch attached to hang from back hem via hook & Loop and corner snaps.

COMPLY

YES

NO

**SEWN ON LETTERING**

There shall be 3" lime-yellow Scotchlite letters, sewn-on to the hanging name patch for 1<sup>st</sup> Initial + Last Name.

COMPLY

YES

NO

**Coat Pockets - Coat pocket specifications listed below:**

**COAT POCKETS**

COMPLY

YES

NO

**TURN-OUT POCKETS**

There shall be 8.5" x 8" handwarmer pockets that expand by means of a 2" pleat. The pockets shall be lined and reinforced with self-fabric 4.5" up on the inside of the pocket with a self-material backer. The pocket shall be set at the bottom of the coat hem and reflective trim shall be set on each pocket. Pockets and flaps shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Each pocket flap shall measure 3" x 9.5". Pocket flaps shall close to the pocket using 2 pieces of 1.5" x 2.75" loop horizontally on the pocket and 2 pieces of 1.5" x 2.75" hook vertically on underside of flap.

COMPLY

YES

NO

**Item Location for Above**

Shall be located on left and right of the front bottom.

COMPLY

YES

NO

**TURN-OUT POCKETS**

There shall be a 3.5" wide x 9" deep full bellows radio pocket that expands by means of side and front gussets to a thickness of 2" in front and back. Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with a minimum 42-stitch bar tack. A brass eyelet shall provide drainage of moisture. Pocket flat shall be 4.5" x 5". Pocket shall be fully lined all 3 sides inside pocket with polycotton lining. Pocket flap shall close to the pocket top using 1 piece of 1" x 2" loop on pocket horizontally and 1 piece of 1" x 2" hook on flap vertically.

COMPLY

YES

NO

**Item Location for Above**

Shall be located on the left chest.

COMPLY

YES

NO



# DETAILED DESCRIPTION SPECIFICATIONS

## JANESVILLE® SUPER PANT

### LION® Super Pant™

#### PANT MODEL / DESIGN

**PANT CONSTRUCTION:** The pant shall be no more than 1" higher in the front than a standard bunker pant with a gradual increase to 2" higher than a standard bunder pant in the rear.

**RADIAL INSEAM BAND:** The pant inseam shall incorporate a comfort/mobility design in all layers. The banded pant insert shall run continuously from the top of the mobile knee of one leg, through the crotch, to the top of the mobile knee of the opposite leg. This design eliminates crotch seams therefore eliminating crotch seam failure. This design also provides a more comfortable fit and increased mobility while decreasing bunching of materials.

**FREEDOM KNEE:** The knee shall incorporate a comfort/mobility design in all layers. This design shall allow for a natural bending motion of the knee. The apex of the knee shall allow for not less than a 1.5" bellows at the center. The radial seam shall provide a gusset that the knee can fall into when crawling, climbing, bending, kneeling, etc... The bottom of the mobile knee shall be placed not less than 10" from the cuff to fall anatomically correct.

**WAISTBAND:** The waist of the pants shall be reinforced on the inside with two-ply of outer shell fabric material not less than 1.5" in width. The pant waist shall be turned under to provide double material strength with the independent waistband, which shall then be double stitched to the outer shell.

#### PANT OUTER SHELL MATERIAL

The outer shell shall be constructed of +/- 6.5 oz/sq yd , 65% KEVLAR® / 35% NORMEX® twill weave with extremely durable FPPE water resistant Teflon® FPPE alloy. Color shall be GOLD.

COMPLY

YES

NO

#### PANT LINER & MOISTURE BARRIER

**THERMAL LINER:** The thermal liner shall be comprised of Glide™ high-lubricity, stress reducing, filament/spun face cloth weighing 3.6 oz/sq/yd. The high filament yarns, with superior wicking characteristics, shall represent no less than 60% of the face cloth's composition, and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face, and promote superior moisture management within the microclimate of the garment. The Glide™ face cloth shall be quilted to one layer E-89™ spunlace aramid (85% NOMEX® / KEVLAR®) weighing approximately 1.5 oz/sq yd both layers shall be treated with a Teflon® finish to promote minimal moisture stored in the garment microclimate as well as promote rapid drying (Total weight +/- 7.3 oz/sq yd).

**MOISTURE BARRIER:** Nonwoven aramid substrate laminated to a lightweight breathable, Gore RT7100™ PTFE, membrane; weighing 4.6 oz / sq yd.

**MOISTURE BARRIER / THERMAL LINER CONSTRUCTION:** Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The bottom nine inches of each thermal leg shall be constructed of treated chambray facecloth with two layers of apertured (11-13 apertures/sq inch) E-89™ spunlaced aramid to deter the wicking of moisture up the thermal liner leg. The waist of the moisture barrier / thermal liner shall be secured to the waist of the outer shell such that when donning the pant a leg may not be accidentally caught between the outer shell and its inner linings along the waist and between the legs of the pant.

**QUILT THERMAL LINER CONSTRUCTION:** The moisture barrier shall be completely sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. The moisture barrier / thermal liner shall finish no more than 3" from the cuffs.



**MOISTURE BARRIER / THERMAL LINER ATTACHMENT:** The moisture barrier / thermal liner shall be completely detachable from the outer shell for ease of cleaning by using snaps. Nine evenly spaced snaps shall secure the liner to the integral waistband; Two snaps shall be set in leather leg tabs at each leg end. All moisture barrier seams shall be sealed as required by NFPA 1971.

**REFLECTIVE TRIM**

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment.

Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Pant trim shall be applied as follows: one strip set full circumference around the bottom of the cuff 3" from the bottom cuff.

COMPLY                       YES                       NO

**PANT FLY CLOSURE**

**STORM FLY/CLOSURE:** The outer shell shall have an overlapping fly front running the full length of the fly on the left side. The flap shall not be less than 2.5" wide at the waistband. The bottom of the fly shall be reinforced with a 42 stitch bar tack.

The storm fly shall be held closed along its length by means of a hook and loop fastener closure 1.5" minimum width, along the leading edge for a distance of not less than 6" from the bottom of the fly closure to the waist area for proper alignment and secure closure. Additionally, one snap shall be positioned at the inside top of the fly. Pant closure shall be provided by a thermo plastic zipper.

The storm fly shall be outer shell material, lined with a 3.5" strip of CROSSTECH® (Type 2C) moisture barrier materials to prevent wicking.

**THERMAL FLY ASSEMBLY:** The moisture barrier / thermal liner shall be constructed with an extension on the left side at the waist of all layers of the fly opening to assure continuous thermal and moisture protection. This overlap shall be positioned between the layers of the outside storm fly. A 3/4" side x 9" long hook fastener shall be sewn to the moisture barrier / thermal liner to engage corresponding loop fastener on the underside of the outside storm fly.

COMPLY                       YES                       NO

**TAKE UP STRAPS**

One adjustment device shall be affixed to the outside on each side of the pant. Each take-up strap shall be comprised of two sub-component straps. The front strap shall be 1" wide x 5" in length, folded in half to form a loop, and shall be affixed to the side of the pant by means of two bar tacks spaced 2" apart. The loop shall face toward the back and hold a nickel plated 1" metal loop. The back strap shall be 1" wide x 9" in length of double layered outer shell material and hook and loop fastener. The rear 4.5" shall be sewn and triple bartacked to the shell. The front section of the strap shall remain loose and be aligned so that it is threaded through the metal loop. It shall have a piece of 1" x 3" hook fastener attached to the loose strap end to engage the corresponding 1" x 4.5" loop fastener at end of strap to allow for adjustment.

COMPLY                       YES                       NO

**PANT KNEE REINFORCEMENT**

The knee shall be split cowhide leather (black) material and measure 9" across the bottom, not less than 7" on the sides and gradually increase to 12" at the center point at the apex. For added thermal protection, an additional layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be positioned between the moisture barrier and thermal liner. For additional extended thermal protection, one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be also be positioned between the reinforcement layer and outer shell.

COMPLY                       YES                       NO

**PANT CUFF REINFORCEMENT**

The cuff are of the pant shall be reinforced with a binding of black split cowhide leather not less than 2" in total width for greater strength, abrasion resistance, and thermal protection. In addition, a 3" x 3 1/2" piece of reinforcement material shall be sewn on the inseam area of the pant leg above the pant cuff and below the pant trim, in order to provide extra abrasion protection. The material used on the kick shield shall match the material used on the pants cuffs.

COMPLY  YES  NO

**MISC PANT OPTIONS**

The back portion of the cuff will gradually curve upward from each side seam to a maximum of 2" at the center back of the pant leg to prevent wear on the back of the cuff.

COMPLY  YES  NO

**LEG TABS**

Two gold leather leg tabs 3/4" wide x 1 3/4" long with female snaps shall be bartacked 2" up from bottom edge on inside of the pant cuff with one on the inseam and one on the outseam.

COMPLY  YES  NO

**LINER INSPECTION SYSTEM**

There shall be an opening located on the pant liner system to the right side of the waist separating the thermal barrier and moisture barrier, approximately 10" in length. This opening will provide the ability to completely invert the ant liner to properly view the integrity of the entire liner system. There shall be a piece of 1" x 3" FR loop sewn to the moisture barrier 3" over from beginning of opening and a corresponding piece of 1" x 3" FR hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

COMPLY  YES  NO

**PANT OPTIONS**

\*\*\* Accessories that will be included with the Pants; listed below, if any ...

COMPLY  YES  NO

**PANT POCKETS**

Pant pocket specifications listed below ...

COMPLY  YES  NO

**TURN-OUT POCKETS**

There shall be a 10" wide x 10" deep outside full bellows pocket that expands by means of side and bottom gussets to a thickness of 2" in front and back. Pockets shall be fully lined with KEVLAR® twill on all 4 sides inside pocket. Pockets and flaps shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flaps reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Pocket flaps shall be 11" x 5". A hook and loop fastener closure system shall be set with 1" x 10" loop fastener horizontally on the pocket and (3) pieces of 1" x 3" hook fastener vertical on the underside of the flap.

**Item Location for Above**

Shall be located on the left thigh.

COMPLY  YES  NO

**TURN-OUT POCKETS**

There shall be a 9" wide x 10" high, outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back. Pockets shall be fully lined with KEVLAR® twill on all 4 sides inside of pocket; There shall be two additional layers of KEVLAR® lined self-fabric on the shell side inside the pocket. First lay 6.5" high, second layer 4.5" high. Both layers stitched in 3" increments to create six tool compartments. Pocket and flap



shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture is to be provided by brass eyelets. Pocket flaps shall be 5" x 10". A hook and loop fastener closure system shall be set with 2" x 9" loop fastener horizontally on the pocket and three pieces of 1.5" x 3" hook fastener vertically on the underside of the flap.

**Item Location for Above**

Shall be located on the right thigh.

**COMPLY**

**YES**

**NO**



# DETAILED DESCRIPTION SPECIFICATIONS

## **DELUXE H-BACK SUSPENDERS (REGULAR) WITH METAL TABS**

These are 42" EZH Deluxe H-Back Quick-Adjust, Non-Stretch Suspenders,  
Black with Navy Blue padded shoulders,  
Quick tug of plastic loops delivers perfect adjustment each time,  
Makes donning quick and easy,  
Metal loop attachments,  
Features: 8 Point Snap Attachment.

COMPLY

YES

NO

### SUSPENDER TABS

Four 2" wide self material suspender tabs with 1.75 x 2.5" leather reinforcement shall be attached to waist with two on the front and two on the back. Each tab shall have two male and two female logo snaps. Each tab shall be reinforced with two bartacks on each tab.

COMPLY

YES

NO

### SUSPENDERS

#### **SCOPE**

A highly engineered 42" black suspender designed for greater range of mobility and reduced stress allowing for four points of attachment, using self-fabric, leather-reinforced suspender tabs with snaps, to a V-Force™. Traditional or contoured waist bunder pant. The shoulder pads shall have a one-inch wide, lime-yellow, Scotchlite strip located the entire length facing outward.

#### **DESIGN**

Two 8" front pull straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through 2" metal loops and secured with a two-needle lock-stitch at one end. A black military finish steel double dee ring shall be fed through the webbing. The other end of the webbing shall be fed through a 2" wide thermo-plastic dee ring and secured with a two-needle lock-stitch. The dee ring shall function as a pull strap for easily adjusting the suspenders for proper fit.

Two 18" shoulder straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through the top half of the steel double dee ring and secured with a two-needle lock-stitch. Two 7" back straps made of 2" wide elastic webbing shall be joined with a 2" overlap at the end of each should strap with a single-needle lock-stitch. The end of each back strap shall be fed though a 2" metal loop and secured with a two-needle lock-stitch.

One 2 ½" horizontal back strap made of 2" wide elastic webbing shall be set perpendicular between the two shoulder straps and back straps at the point of overlap, secured with a single-needle lock-stitch, and reinforced with a two-needle lock-stitch "X" through the joining straps.

Four 2" wide self-fabric suspender tabs with leather reinforcement, using 2 male and 2 female logo snaps for suspender attachment, shall be require on pants for use of these suspenders. Two self-fabric suspender tabs shall be attached to the back of the pant and to the front of the pant and reinforced with two bartacks each tab. Each self-fabric tab attached to the pants shall be fed through each 2" metal loop on the suspenders.

Each shoulder strap shall be encapsulated with a 2.25" wide x 13" long sheath of padding constructed of 1/8" thick fire-retardant closed-cell foam laminated to Nomex pajama check substrate. Shoulder pads shall start 1" up from the cross point of the horizontal back strap ("H" cross) and be bartacked at each end so they do not slide forward. The straps shall have a one-inch side, lime-yellow, Scotchlite strip located the entire length, facing outward.

COMPLY

YES

NO

APPENDIX A

REVISED

DETAILED DESCRIPTION / SPECIFICATIONS

**PGI Cobra Ultimate HOOD  
NFPA 1971, Current Edition**

**DESIGN:** Two Piece with Notched Shoulder. Carbon Shield 2-ply, Color - Black, Long, Model #3049298

**MATERIAL COMPOSITION**

40% P84  
55% Lenzing FR  
5% Kevlar

COMPLY       YES       NO

**HEAD DESIGN**

Layers 2 ply material; Length from top of head to neck is 13 inches; Width back seam to top of face is 9 inches; Width back seam to bottom of head is 11 inches; Sizing is one size fits all (universal size). Do not modify, change or alter your protective hood in any manner.

COMPLY       YES       NO

**BIB DESIGN**

Layers 2 ply material; Length 8 inches (front and back); Notched shoulder design from top of head to bottom of notches shoulder is 15 inches.

COMPLY       YES       NO

**OVERALL HOOD**

Length from top of head to bottom of apron is 21 inches;  
Face Opening Measurement: Sewn with 1/2" elastic.  
Elastic Face Opening relaxed is 5 inches (UL requirement 4.7 – 5.7 inches) and stretches to 15 inches.

COMPLY       YES       NO

**CONSTRUCTION**

Two Piece 100% Nomex thread, with Notched Should Insert. Meets or Exceeds NFPA 1971 Current Edition and is UL Certified.

COMPLY       YES       NO

**SEAMS**

All seams are merrow stitched then top and bottom covered with a 5-thread cover stitch for extended durability. All bottom edges are bound with binding. Thread is 100% Nomex.

COMPLY       YES       NO

**CARE**

Machine wash warm with regular detergent – no chlorine bleach. Tumble dry low heat.  
DO NOT commercially dry clean.

COMPLY       YES       NO

**CERTIFICATION**

Meets or exceeds NFPA 1971, Current Edition and is UL Certified. Meets or exceeds Cal/OSHA Standards.

COMPLY

YES

NO

**WARRANTY INFORMATION**

The hood is warranted by the manufacturer to be free from defects in material and workmanship. This warranty does not cover normal wear or unusual exposures. This warranty is in lieu of all other warranties, express or implied, including but not limited to, implied warranties or marketability and / or fitness for a particular purpose. The manufacturer shall not be liable to incidental or consequential damages.

COMPLY

YES

NO



APPENDIX B

REVISED

DETAILED DESCRIPTION / SPECIFICATIONS

**VANGUARD MK-1 GLOVES  
MODEL # 7877, GAUNTLET**

The Vanguard Safety Wear MK-1 model is a gauntlet style wing thumb structural firefighting glove certified compliant to the NFPA 1971 Standard on Protective Ensemble for Structural firefighting-2018 edition, by the Safety Equipment Institute McLean, VA USA.

---

**PALM**

The glove **outer shell on the palm side and along the finger sidewalls** is constructed of water resistant suede goat hide. All finger tips have a separately stitched rolled over portion of suede goat hide about 4cm along the palm side and about 3cm along the back side to enhance tactility/dexterity.

The **second palm side layer and finger sidewalls layer** is 100% Kevlar knit fabric.

COMPLY                       YES                       NO

**BACK**

The glove **back side outer shell** is constructed of water resistant suede cowhide from the cuff edge to slightly beyond the finger crotches and also at **the back of thumb**.

The **second back side layer** is 100% Kevlar knit fabric funning the full length of the glove.

The **third back side layer** is 100% Kevlar non-woven fabric running the full length of the glove.

COMPLY                       YES                       NO

**INNER LINING**

The glove inner lining is a smooth 100% Kevlar knit fabric. The glove is also fully lined with a **Porelle brand polyurethane moisture barrier** which is itself certified compliant to the NFPA 1971-2018 edition Standard.

COMPLY                       YES                       NO

**FEATURES**

Sculpted **Finger Tip** construction for enhanced tactility/dexterity.

The **thumb crotch** is reinforced with cowhide suede leather to reduce wear.

**Palm layers** are sewn down together to enhance grip.

The glove is stitched entirely with **100% Kevlar thread**.

COMPLY                       YES                       NO

**AVAILABLE SIZES**

64N-82XW (XXS-XXXL) + 4XL, 5XL. Cadet Sizing 70W-82XW

COMPLY                       YES                       NO



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 Decatur, AL 35601  
 United States of America  
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# INVOICE

PAGE	1
INVOICE NO.	1084813
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**SOLD TO**  
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**We accept all major credit cards. However, each transaction is subject to a 3% handling fee.**

CUSTOMER PO #	SHIP VIA	TERMS	DATE SHIPPED	PICK TICKET NO.	SLMN 1	SLMN 2
PATRICK FIELDS	Best Way	NET 30	4/21/21	1093475-000	10	

SPECIAL INSTRUCTIONS >  
AH/BG

ORDERED	SHIPPED	BACK ORDERED	U/M	ITEM NO./DESCRIPTION	PRICE	AMOUNT
5.00	5.00	.00	EA	LFH1046 LION Edge Trim, Black American Classic & Legacy 5	16.0000	80.00
4.00	4.00	.00	EA	LFH1066-1093475 Lion Headband Replacement Cover (nomex)	21.0000	84.00

\*\* SAMPLE COPY \*\*

LINE ITEM TOTAL	SHIPPING & HANDLING	TAX	SUB-TOTAL	DEPOSIT	BALANCE DUE
164.00	.00	.00	164.00	.00	164.00



Freedom® Design for Mobility & Comfort

# Super-Deluxe™ Turnout Gear



With its fully featured bi-swing back turnout coat and low-rise waist pants, LION's Super-Deluxe is built to fit the way you work — providing outstanding mobility and comfort.



## FEATURES & BENEFITS INCLUDE:

- Ergonomically shaping to improve comfort and interface with other PPE elements
- Bi-swing back with inverted pleats in all layers of the system expand as the arms move forward, resulting in no tugging or binding at the shoulder
- Underarm bellows reduce the hem rise and sleeve travel
- Freedom Elbow enables the arm to bend freely while keeping the wrists protected by reducing sleeve travel
- Comfort collar and optional throat tab deliver continuous thermal and moisture protection while providing exceptional interface to SCBA mask
- Low-rise pants complement the natural contours of the body for increased comfort
- Radial inseam and banded crotch reduce tension and add comfort to turnout gear
- Freedom Knee provides gusset that the knee can fall into when crawling, climbing, bending and kneeling
- Knees include layer of Lite-N-Dri™ for added thermal protection and comfort
- Available in a wide range of custom sizes to fit your needs



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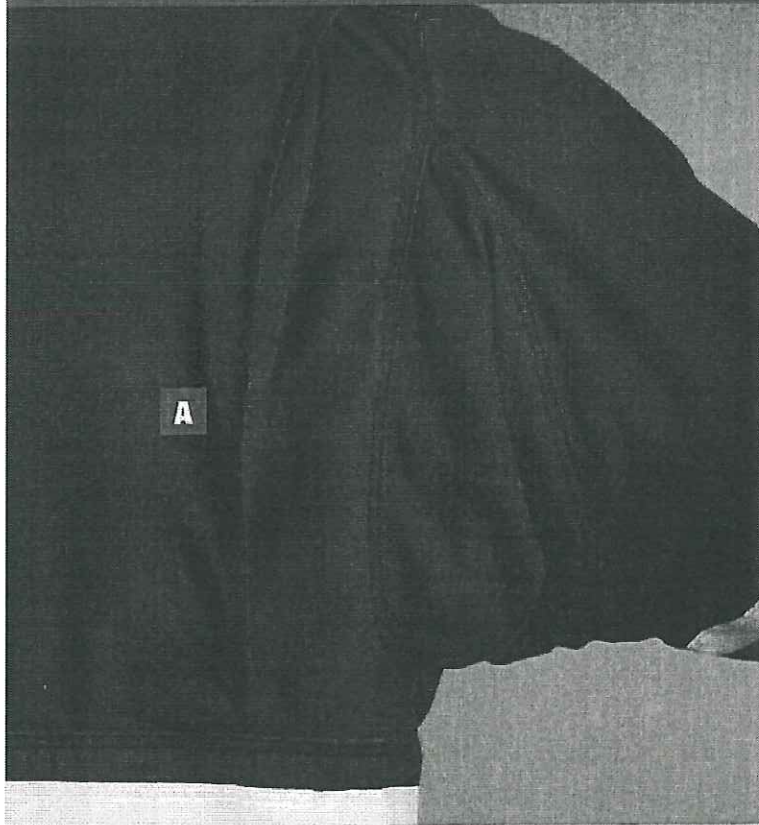


# Super-Deluxe™ Turnout Gear

Freedom® Design  
For Mobility & Comfort



With its fully featured bi-swing back turnout coat and low-rise waist pants LION's Super-Deluxe is built to fit the way you work—providing outstanding mobility and comfort.



## KEY FREEDOM® DESIGN HIGHLIGHTS

**A.**  
Bi-Swing  
Back Design  
with Bellows  
Underarm  
Construction

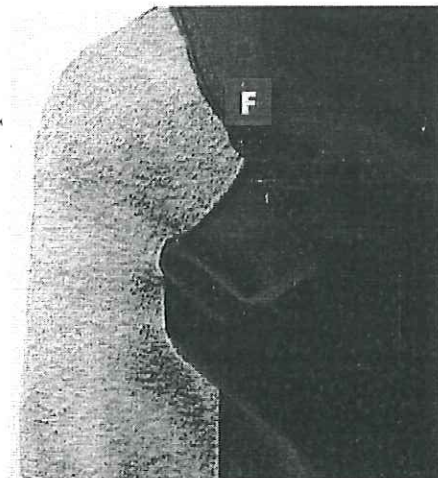
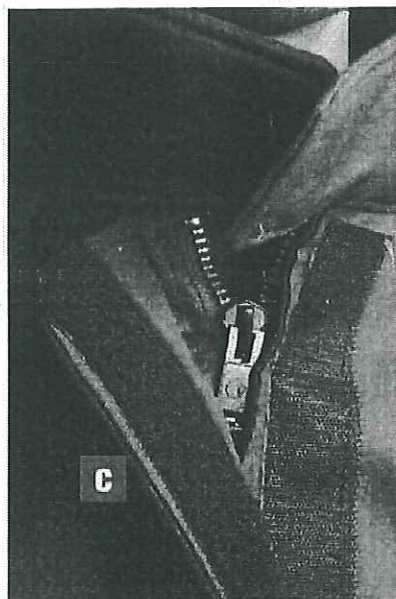
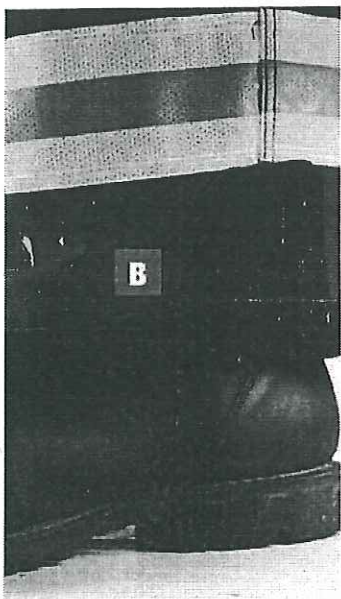
**B.**  
Leather  
Reinforced  
Kick Shields

**C.**  
Storm Flap  
Closure with  
Hook & Loop  
and Thermoplastic  
Zipper Coat  
Closure

**D.**  
Overlapping  
Comfort Collar

**E.**  
8" Over-The-Hand  
Wristlets

**F.**  
Leather  
Reinforcements  
on Knees,  
Cuffs, Shoulders,  
and Elbows



**LION**  
ready for action

To learn more about the LION Super-Deluxe turnout gear and other LION products, contact your LION sales representative or visit [www.lionprotects.com/turnouts-super-deluxe](http://www.lionprotects.com/turnouts-super-deluxe)



**HOW LONG IS USEFUL LIFE?**

- NFPA 1971 performance requirements are based on new, unworn Garments and Composites. Useful life varies depending on Garment materials selected, conditions of wear, maintenance, and storage, but is normally 3 to 5 years.
- Garments more than seven (7) years old and made to earlier versions of the NFPA Standard are highly likely to have exceeded their useful life and must be retired!

**17. LIMITED LIFETIME PRODUCT WARRANTY**

LION warrants that its fire fighter and emergency responder products meet all applicable NFPA standards in effect at the time of their manufacture and further warrants that such products are free during their useful life from any defect in workmanship or any material defect.

Conditions of use are outside the control of LION. It is the responsibility of the user to inspect and maintain the products to assure they remain fit for their intended purpose. In order to maximize the useful life of these products and maintain the warranty, the products are to be used only by appropriately trained personnel following proper fire fighting or emergency response techniques and in accordance with the product's warning, use, inspection, maintenance, care, storage, and retirement instructions. Failure to do so will void the warranty.

**EXCEPT AS SET FORTH ABOVE, LION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE.**

Under the above warranties, LION will repair or replace, at its option, any product which does not meet the above warranties. Such repair or replacement will be the purchaser's sole remedy and LION will not be responsible for any incidental, consequential, or other damages based upon or arising in any way from any breach of the warranties contained herein or the purchaser's use of such product.

These warranty obligations apply only to any product, part, or component which is returned to LION, LION TotalCare, or a LION-Authorized Clean and Repair Center with prior authorization and proof of purchase, and which LION agrees to be defective as covered by this warranty.

The word "product" includes the product itself and any parts or labor furnished by LION with the sales, delivery, or servicing of the product.

**USEFUL LIFE:** NFPA 1971 performance requirements are based on new, unworn Garments and Composites. Useful life is the period of time that NFPA 1971 Compliant Garments, which have been properly cared for, can be expected to provide reasonable limited protection.

The useful life will vary according to type and frequency of use, the weight, and type of materials used in the product. Useful life is normally 3 to 5 years, depending on the conditions of wear, maintenance, and storage. Useful life is highly unlikely to be more than 7 years. Garments more than 7 years old and made to earlier versions of NFPA Standards are highly likely to have exceeded their useful life and must be retired! A Garment should be retired when the costs of repair would exceed 50% of the replacement cost.

**DEFECTS IN WORKMANSHIP AND MATERIALS:** Defects in Workmanship and Materials means poorly manufactured items including seams, stitching, or components (for example, loose or broken seams; zippers or snaps that fall off or do not function properly); and fabrics or barriers which have such flaws as holes, uneven spots, weak areas, pilling, or other flaws caused by irregularities in their manufacture.

**EXCEPTIONS TO LIMITED WARRANTY**


This limited warranty does not cover the following items after receipt of product by end user:

- A. Claims made after 60 days from the date of shipment for damage to materials;
- B. Damage or color change from exposure of materials to direct or indirect sunlight or fluorescent light;
- C. Shade variations among textiles used or shade changes to fabrics caused by wear and tear and/or washing;
- D. Color loss due to abrasion (creases, folds, pleats, edges, collar points, etc.);
- E. Damage caused by improper washing, decontamination, disinfecting or maintenance (for example, use of chlorine or petrochemicals to clean);
- F. Damage caused by repair work not performed to factory specification;
- G. Damage from routine exposure to common hazards which may cause rips, tears, burn damage, or abrasion;
- H. Loss of retroreflectivity of reflective trim due to normal wear or heat exposure;
- I. Detachment of reflective trim due to thread abrasion or heat exposure;
- J. Replacement of zippers or closures worn partially sealed, or damaged by heavy wear and tear;
- K. Loss of buttons, snaps, or cuff hem seams.



# COBRA™ ULTIMATE™ Hood

Style # 3049298 Material : Carbon Shield™

 Arc Rating : 23.3 HRC Rating : 2

DESIGN : Extra Long Double ply hood throughout

- X-Long length covers chest, shoulders and shoulder blades
- Flat-stitched seams
- X-heavy 1/2" wide elasticized face opening.
- Cover stitched bound drape
- Double-ply hood throughout
- UL Classified to NFPA 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting – Current Edition



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(V)

23.3

### Thermal Protection Performance (TPP)

Initial (seconds) 24  
After 5 washings (seconds) 27.6

\*TPP at heat flux of 2.0 cal/cm2 sec

After Flame  
Initial (Inches) 0x0

Warp(wales)xFill (Courses)  
After 5 washings (seconds) 0x0

### Char Length

Initial (Inches) 2 x 1.9  
After 5 washings (Inches) 1.4 x 2.3

Fabric Burst Strength (N) 287

Seam Burst Strength (N) 469.1

### Heat and Thermal Shrinkage

After 5 washings 0%

Limiting Oxygen Index (LOI) 55

Melt or Drip when exposed to flame None

### FABRIC:

- Both outer shell and lining are a blend of Carbon/High Strength Aramid- approx.6.5 oz sq yd.
- 1 x 1 rib knit fabric - knit to allow approx. 200% stretch for maximum stretch and recovery.
- Calendared to minimize laundry shrinkage.

### STITCH TYPES AND SEAMS:

- All stitching conforms to Federal Standard 751 Specifications (FED-STD-751).
- Major seams are flat seam assembled, stitch type 607.
- Elastic in face opening is serged in with stitch type 504 and reinforced with bottom cover-stitch, stitch type 406.
- Binding is applied with bottom cover-stitch, stitch type 406.

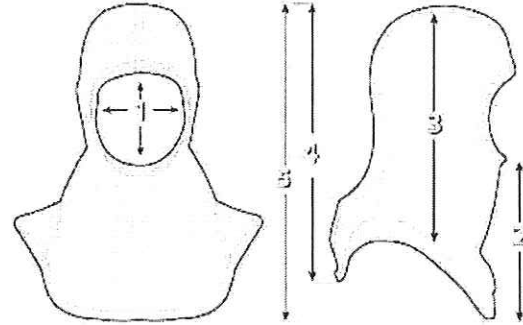
### THREAD:

- All seams are sewn with 100% Nomex thread size Tex 40.

### CONSTRUCTION:

- Composed of two layers throughout.
- For a contoured fit the hood is seamed from top of face opening to back of head.
- Face opening is circular in shape and serged with x-heavy duty 1/2" wide elastic around the perimeter. The elastic is then folded back 1/2" and cover stitched. The face opening stretches a full 16" (which is 25% more than conventional hoods) for easy donning and a snug fit around face of SCBA mask. Face opening maintains original shape after repeated launderings.
- The bottom edge of hood is bound with self-material bias binding.
- Gusset added at side seams to provide complete shoulder coverage and smoother drape.

### FINISHED HOOD | BALACLAVA MEASUREMENTS:



1. Face opening is circular and measures between 4.6" to 5.6" in diameter.
2. Length of hood below face opening approx. 12".
3. Length of hood at side from top to bottom approx. 17".
4. Length of hood at back from top to bottom approx. 19 1/2".
5. Length of hood at front top to bottom approx. 20".

### SIZE:

- One size hood fits all.

### LABELING AND USER INFORMATION:

- Each hood is clearly labeled to identify material contents, NFPA acceptance, UL Classification, Date of Manufacture, and Care Instructions. Included with each hood is a complete users information guide.

### MEETS OR EXCEEDS INDUSTRY STANDARDS:

- UL classified to meet or exceed NFPA 1971-Current Edition; Compliant with CAL-OSHA Sections 3406 and 3410(d) and OSHA Rule 29 CFR, Part 1910, 269. Compliant with NFPA 70E-Current Edition and meets performance specifications of ASTM-F-1506. ARC Rating: 23.3 – Hazard / Risk Category: 2
- Meets CE Requirements Meets or exceeds Draft European Standard prEN 13911 (Classic, Ultimate and Elite Styles).







ISO 9001:2000  
Registered Company

*OUTFITTING THE WORLD FOR SAFETY*

## **PGI, INC. WARRANTY**

PGI warrants products against defects in manufacture only. Because of varied uses and applications of products, no warranty is made or should be implied regarding use. It will be the buyer's responsibility to determine if a particular product will adequately protect the user. Should you have any questions on a product's capabilities, it is suggested you contact our sales department.

## **PGI RETURN OF MERCHANDISE POLICY**

All returns must receive proper authorization. Unauthorized returns will be rejected at customer's expense. A restocking charge of 20% will apply on all goods accepted for credit provided such goods are in saleable condition. Custom products and discontinued item will not be accepted for credit. Call Customer Service to obtain a "Return Authorization" (RA) number and any additional paperwork that may be required.





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### SPECIFICATIONS MK-1 Model # 7877

<p>The Vanguard Safety Wear <b>MK-1</b> model is a gauntlet style wing thumb <b>structural firefighting glove</b> certified compliant to the NFPA 1971 Standard on Protective Ensemble for Structural Firefighting-<b>2018 edition</b>, by the Safety Equipment Institute McLean, VA USA.</p>
<p style="text-align: center;"><b>Palm</b></p>
<p>The glove <b>outer shell on the palm side and along the finger sidewalls</b> is constructed of water resistant suede goat hide. All finger tips have a separately stitched rolled over portion of suede goat hide about 4cm along the palm side and about 3cm along the back side to enhance tactility/dexterity. The <b>second palm side layer and finger sidewalls</b> layer is 100% Kevlar knit fabric.</p>
<p style="text-align: center;"><b>Back</b></p>
<p>The glove <b>back side outer shell</b> is constructed of water resistant suede cowhide from the cuff edge to slightly beyond the finger crotches and also at the <b>back of thumb</b>. The <b>second back side layer</b> is 100% Kevlar knit fabric running the full length of the glove. The <b>third back side layer</b> is 100% Kevlar non-woven fabric running the full length of the glove.</p>
<p style="text-align: center;"><b>Inner Lining</b></p>
<p>The glove <b>inner liner</b> is a smooth 100% Kevlar knit fabric. The glove is also fully lined with a <b>Porelle brand polyurethane moisture barrier</b> which is itself certified compliant to the NFPA 1971-2018 edition Standard.</p>
<p style="text-align: center;"><b>Features</b></p>
<p>Sculpted <b>Finger Tip</b> construction for enhanced tactility/dexterity. The <b>thumb crotch</b> is reinforced with cowhide suede leather to reduce wear. <b>Palm layers</b> are sewn down together to enhance grip. The glove is stitched entirely with <b>100% Kevlar thread</b>.</p>
<p>Available Sizes: 64N-82XW (XXS-XXXL) + 4XL, 5XL. Cadet Sizing 70W-82XW</p>





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# AMERICAN LEGEND<sup>™</sup>

FIBERGLASS FIRE HELMET SERIES

Durable, Light Weight & Low-Profile



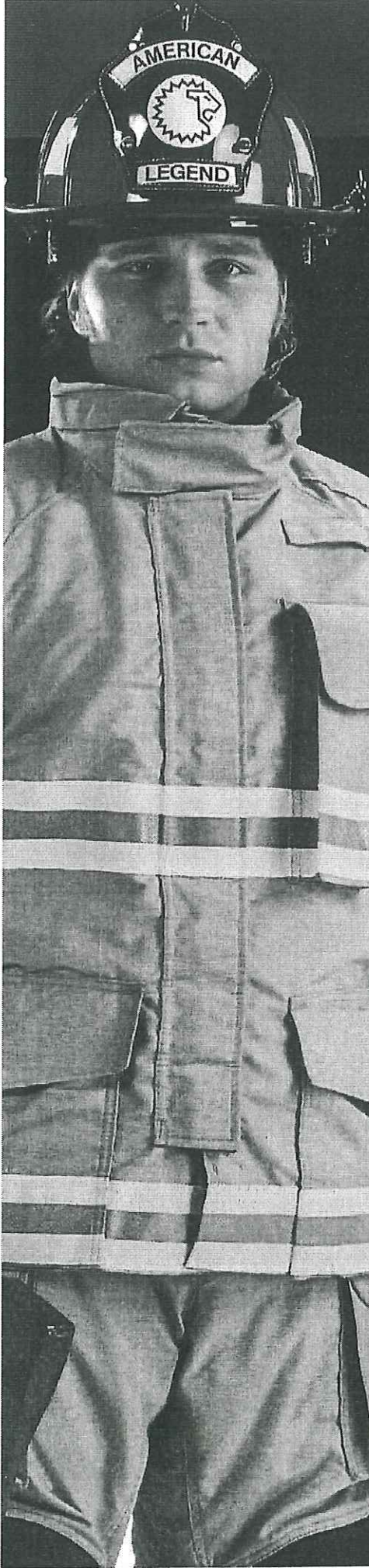
**Kevlar Nomen**



**Scotchlite**<sup>™</sup>  
Reflective Material

HELMETS WITH A TRADITIONAL LOOK & HEAD ROOM TO SPARE





LIGHT WEIGHT. IMPACT-RESISTANT SHELL. ROOMY.

## Let It Go To Your Head.

LION's **American Legend Series** traditional fiberglass fire helmets, provide outstanding head, eye, ear and neck protection, while also offering additional head room and a light weight for on-the-job comfort and mobility. Key American Legend high-performance features include:

- Weigh in at just **53 to 59 ounces** (dependent upon configuration)
- Ratcheting headband with a **Nomex® foam wrap** adjusts to fit head sizes **5.5 to 9** (American Legend) and **5.5 to 9.5** (American Legend X)
- A **low-profile SMC shell** with a powder coat, **impact-resistant** finish
- **Washable, replaceable** Nomex and flannel ear/neck covers
- **Patented Center of Gravity™** adjustment system for a custom fit
- Available in **Black, Red, White and Yellow**

### AMERICAN LEGEND SPECS

Weight	<ul style="list-style-type: none"> <li>• American Legend: 59 oz.</li> <li>• American Legend X: 53 to 59* oz.</li> </ul>
Construction	<ul style="list-style-type: none"> <li>• SMC shell with a powder coat, impact-resistant finish</li> <li>• Impact cap with a ratcheting headband cushioned with Nomex foam wrap</li> </ul>
Suspension	<ul style="list-style-type: none"> <li>• 3-position rear ratchet height adjustment</li> </ul>
Eye Protection	<ul style="list-style-type: none"> <li>• American Legend: Retractable eye guard</li> <li>• American Legend X: Faceshield, flip-downs, goggles or goggles and flip-downs</li> </ul>
Reflective Elements	<ul style="list-style-type: none"> <li>• 2" x 2.5" Lime-Yellow 3M™ Scotchlite™ Reflective Material Trapezoids</li> </ul>
Colors	<ul style="list-style-type: none"> <li>• Black, Red, White and Yellow</li> </ul>
Sizing	<ul style="list-style-type: none"> <li>• American Legend: Adjusts from 5.5 to 9</li> <li>• American Legend X: Adjusts from 5.5 to 9.5</li> </ul>

\* Depending on helmet configuration

©UPON™

Kevlar | Nomex.

3M

Scotchlite™  
Reflective Material





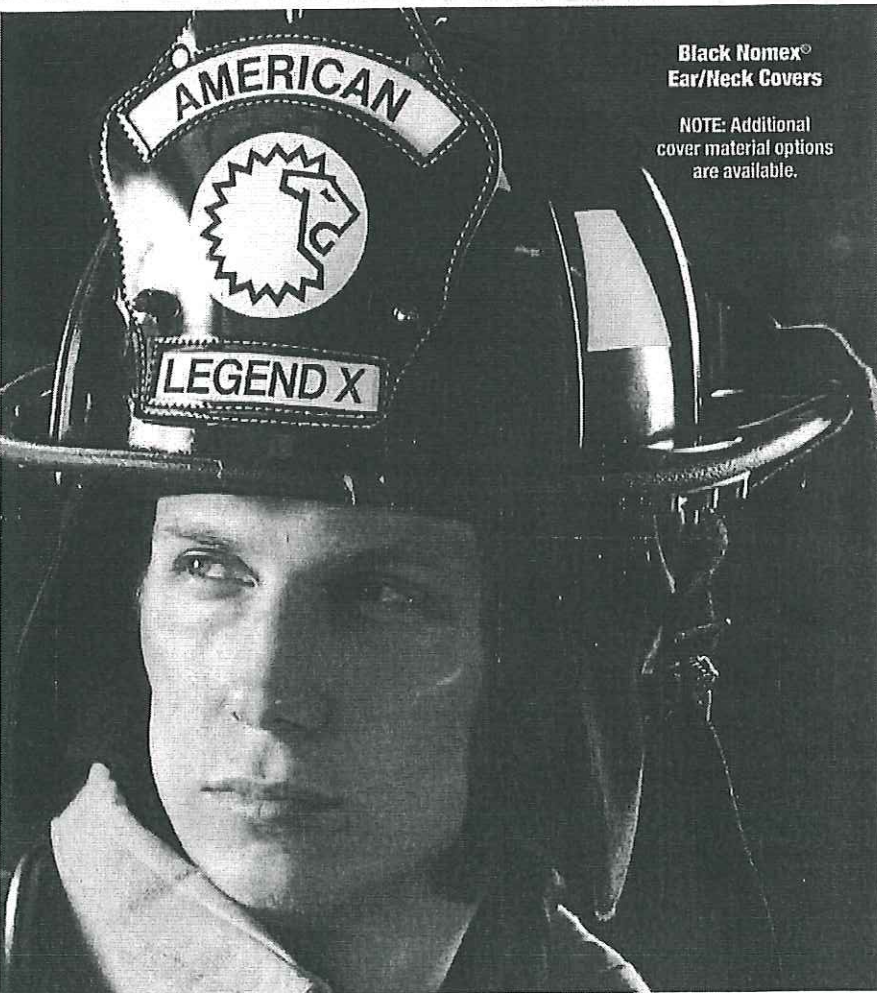
Low-Profile  
SMC Shell with  
Powder Coat  
Impact-Resistant  
Finish

**Kevlar | Nomex**



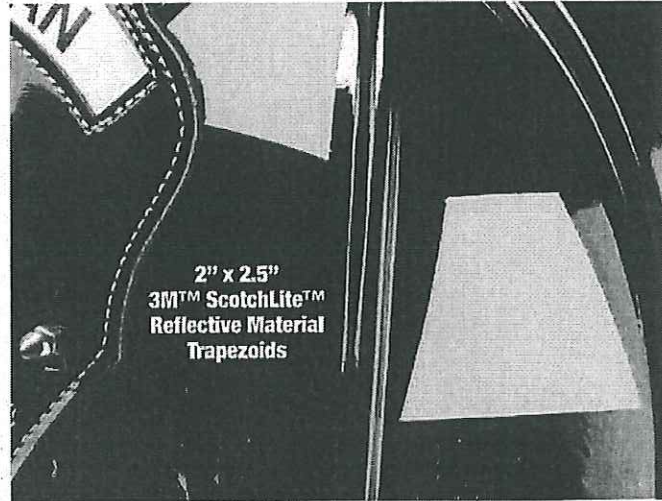
**Scotchlite**  
Reflective Material

Retractable  
Eye Guard

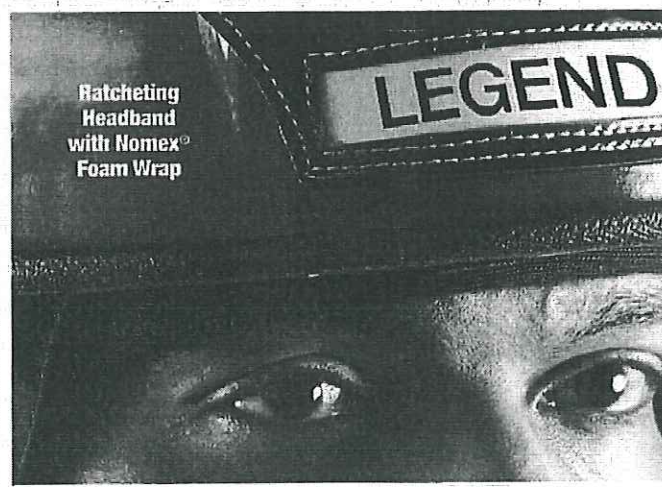


**Black Nomex®  
Ear/Neck Covers**

NOTE: Additional  
cover material options  
are available.



2" x 2.5"  
3M™ Scotchlite™  
Reflective Material  
Trapezoids



Ratcheting  
Headband  
with Nomex®  
Foam Wrap



# HELMETS WITH A TRADITIONAL LOOK & HEAD ROOM TO SPARE

## AMERICAN LEGEND

(Ratcheting headband adjusts from head sizes 5.5 to 9)

DURABLE, HAND-CARVED BRASS EAGLE LEATHER SHIELD HOLDER

SMC FIBERGLASS SHELL WITH A POWDER COAT IMPACT-RESISTANT FINISH

3M™ SCOTCHLITE™ REFLECTIVE MATERIAL TRAPEZOIDS

BRASS D-RING HELMET HANGER



## AMERICAN LEGEND X

(Ratcheting headband adjusts from head sizes 5.5 to 9.5)

INTEGRATED RETRACTABLE EYE GUARD

ESS GOGGLES

BRASS HELMET HOLDER SCREWS

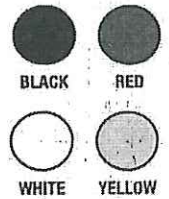
NO-MELT ALUMINUM CORE EDGE BINDING

WASHABLE, REPLACEABLE NOMEX® & FLANNEL EAR/NECK COVERS

QUICK-RELEASE, EASY-ADJUST CHIN STRAP



Available Colors:



■ Standard Legend & Legend X Features   ■ Only available on the Legend

### Available Configurations:

Legend with Retractable Eye Guard #LFH9120I	Legend X with Face Shield #LFH8120E	Legend X with Goggles #LFH8120S	Legend X with Goggles & Flip-Downs #LFH8120D
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For more information about LION's American Legend helmets light weight, low-rise fiberglass fire helmets, contact your LION sales representative or visit us online at [www.lionprotects.com/american-legend](http://www.lionprotects.com/american-legend).

DU PONT  
**Kevlar** | Nomex.  
**3M** | Scotchlite™  
Reflective Material

 **LION**®  
ready for action

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## HELMETS

### 15. LIMITED WARRANTY INFORMATION

Lion Apparel warrants that its fire fighter's protective products meet or exceed all applicable NFPA standards in effect at the time of their manufacture, and further warrants that such products are free from any defect in workmanship or any patent material defect during their useful life.

Lion Apparel will replace any Paul Conway Brand shell damaged during normal fire department firefighting activities, including training, for a period up to five (5) years after date of helmet manufacture, for helmets manufactured by Lion Apparel.

Conditions of use are outside the control of Lion Apparel. It is the responsibility of the user to inspect and maintain the product to assure it remains fit for its intended purpose. In order to maximize the useful life of these products and maintain the warranty, the products are to be used only by appropriately trained personnel following proper firefighting procedures and in accordance with the product's warning, use, and care instructions. Failure to do so will void the warranty. Proper cleaning and decontamination should be performed prior to any returns.

**EXCEPT AS SET FORTH ABOVE, LION APPAREL MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE.**

Under the above warranties, Lion Apparel will repair or replace, at its option, any protective product which does not meet the above warranties. Such repair or replacement will be purchaser's sole remedy, and Lion Apparel will not be responsible for any incidental, consequential or other damages based upon or arising in any way from any breach of the warranties contained herein, or purchaser's use of such product.

These warranty obligations apply only to any product, part, or component which is returned to Lion Apparel or a Lion Authorized Clean and Repair Center with prior authorization and proof of purchase, and which Lion Apparel agrees to be defective as covered by this warranty.

The word "product" includes the product itself and any parts or labor furnished by Lion Apparel with the sales, delivery, or servicing of the product.

The term "useful life" means the length of time the helmet can safely be worn for structural fire fighting activities, without needing major structural repairs that would be economically infeasible. The useful life will vary from helmet to helmet, according to type and frequency of use.

"Defects in Workmanship and Materials" means poorly manufactured items, including seams, stitching, or components (for example, loose or broken assembly components, straps or other pieces that fall off or do not function properly; chipped or cracked shells, or broken impact caps.)

#### 15.1 EXCEPTIONS TO LIMITED WARRANTY

This limited warranty does not cover the following items after receipt of products by end user:

- A. Claims made after 60 days from the date of shipment for damage to fabrics;
- B. Damage or color change from exposure of fabrics to ultraviolet light;
- C. Shade variations among textiles used;
- D. Color loss due to abrasion ;
- E. Damage caused by improper cleaning or maintenance (for example, use of chlorine or petrochemicals to clean);
- F. Damage caused by repair work not performed to factory specification;
- G. Damage from routine exposure to common hazards which may cause rips, tears, burn damage, or abrasion;
- H. Loss of retroreflectivity of reflective trim due to normal wear or heat exposure;
- I. Detachment of reflective trim due to heat exposure or adhesive failure;
- J. Replacement of fasteners damaged by wear and tear;
- K. Loss of hardware.







**NAFECO™**  
 1515 West Moulton Street  
 Decatur, Alabama 35601  
 800-628-6233  
 Fax (256) 355-0852  
 www.nafeco.com

## Universal Radio Holders

Multi-Adjustable Holder

- Adjusts: • Height
- Width
- Depth



5610RC-1

5610RC-5 Nylon



Standard Closed Bottom Holder offers more protection for the radio.

5481RC-1-E



Universal Radio Holder

- Securely fit most radios.
- Two elastic cords help secure the radio.

5487RC-1

5487RC-5 Nylon

RC - Means the radio holder has D-Rings to mate to our radio strap

## Anti-Sway Straps

5425-1  
Standard Anti-Sway Strap

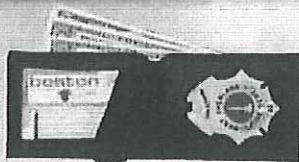
5425R-1  
Reflective Anti-Sway Strap

5424-1  
Short Anti-Sway Strap

## bostonleather.com

View our complete line of quality leather goods, fitting charts for radio holders, belts, straps and suspenders, or locate a dealer near you.

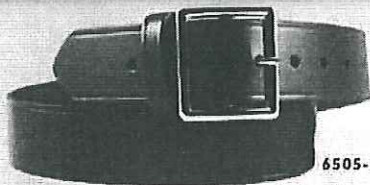
### Badge Cases and Wallets



Many Styles

ANY BADGE CUTOUT

### Belts



6505-1

1-3/4" width 6505-1

1-1/2" width 6582-1

1-1/4" width 6580-1

- Drum dyed, top grain leather.
- Silver or gold finished buckle.

**boston**

PO Box 1213 • 1801 Eastwood Drive  
 Sterling, IL 61081-8213  
 (815)622-1635 • Fax (815)622-3014

All of our products are crafted with pride using the highest quality materials by our team of skilled craftsmen in our own factory in Sterling, Illinois, United States of America.

Fine Leather Belts and Accessories

# boston

*leather*

Since  
1938

bostonleather.com



2013.1



## Fireman's Suspenders



Plain Button	Plain Loop
9175-1	9177-1
9175XL-1	9177XL-1
Reflective	Reflective
9175R-1	9177R-1
9175RXL-1	9177RXL-1

- Handcrafted in the U.S.A
- Finest quality 10-12 ounce, full grain, drum dyed English bridle leather.
- All are available with reflective tape.



Plain Button	Plain Loop
9178-1	9179-1
9178XL-1	9179XL-1
Reflective	Reflective
9178R-1	9179R-1
9178RXL-1	9179RXL-1

Standard Connection

Loop Connection

Traditional 8 point button suspender attachments. (9175 and 9178)

Horizontal loops sewn to the top of the waistband on select turnout gear. (9177 and 9179)



Fitting charts at [bostonleather.com](http://bostonleather.com)

## Truckman's Belt

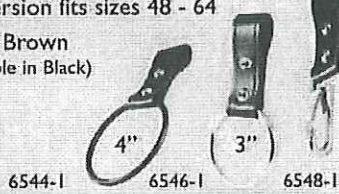


6547-1

1-1/2" Wide Top Grain Leather  
Adjustable from sizes 38 - 50 (Fits Most)

6547XL Version fits sizes 48 - 64

Cordovan Brown  
(Also Available in Black)



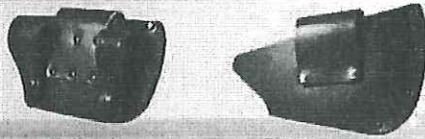
6544-1

6546-1

6548-1



## Axe Sheath



#9160-1

#9100-1

Sewn and Riveted, Top Grain Cordovan Brown Leather  
9160 - Fits TMF Truckmans Axe, secured by PTD Snaps  
9100 - Fits 6 lb. Axe, secured by Metal Clips  
9105 - Same as 9100 but with Swivel

## Air Mask Strap

Heavy Duty 5/8" Wide Leather Strap

9130-1



## Glove Straps

Hook & Loop lined leather or nylon strap.

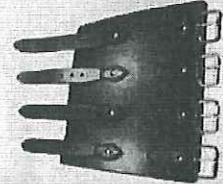
9125-1  
9125-5 Nylon



## Hose Jacket

Fits a 2-1/2" Hose  
Top Grain Cordovan Brown Leather

9200-1



## Channel Lock Holster

For the Channel Lock #87, #88 and #89 Tools

9156-1 Fits #87

9150-1 Fits #88

9155-1 Fits #88 or #89



## EMT Scissor Holder



9115RS-1  
RS - Right Side (handle facing forward)

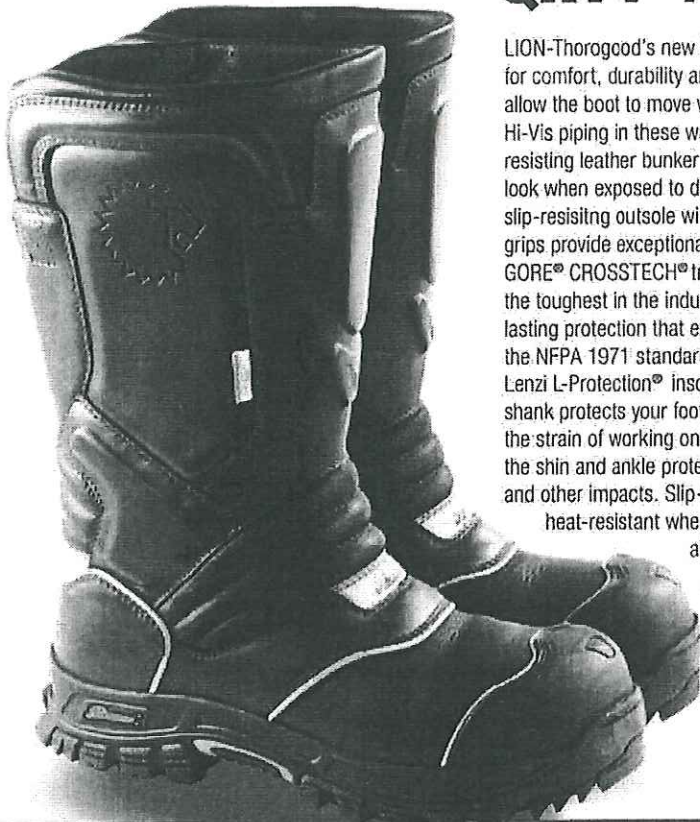


9115LS-1  
LS - Left Side (handle facing forward)  
Clip fits up to 1-3/4" Belt





## QR14 14" Structural Leather Boot



LION-Thorogood's new QR14 bunker boots are built for comfort, durability and safety. The flex gussets allow the boot to move with you. 3M™ Scotchlite Hi-Vis piping in these waterproof, flame- and cut-resisting leather bunker boots creates a high-visibility look when exposed to direct light. The aggressive, slip-resisting outsole with 90 degree heel and ladder grips provide exceptional traction on any surface. GORE® CROSSTECH® triple layer moisture barrier is the toughest in the industry, delivering rugged, long-lasting protection that exceeds the requirements of the NFPA 1971 standard. The composite safety toe, Lenzi L-Protection® insole, and steel triple-rib ladder shank protects your foot from impact, puncture, and the strain of working on ladders. Extra padding in the shin and ankle protects you from ladder rungs and other impacts. Slip-resistant in all conditions and heat-resistant when the going gets hot, these all-weather boots don't quit until you do.

- GORE® CROSSTECH® triple-layer moisture barrier protects against blood-borne pathogens
- Waterproof, flame- and cut-resisting leather upper with abrasion-resisting rubber toe
- Steel Triple-Rib Ladder Shank
- Proprietary Traction Flex outsole
- Cement Construction
- Certified to meet NFPA 1971

**GORE® CROSSTECH®**  
 PRODUCTS

**3M Scotchlite®**  
 Reflective Material HI-VIS

SOLE 2



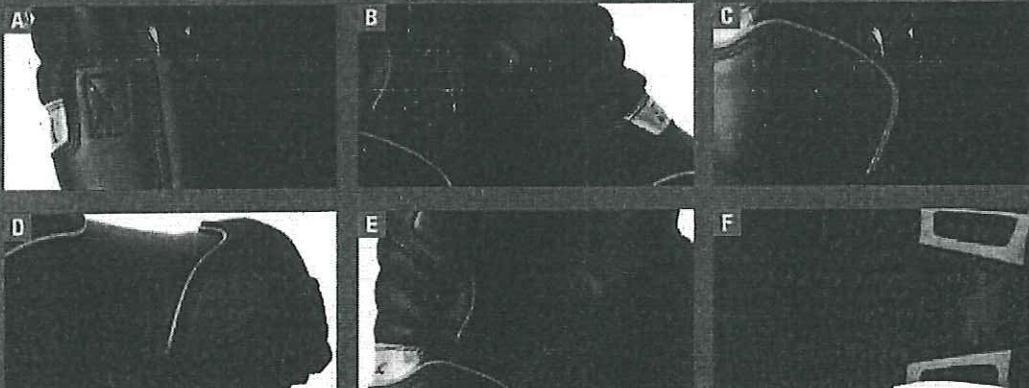
STRUCTURAL FIRE BOOTS

STYLE #	SLIP-RESISTING	WATERPROOF	PUNCTURE-RESISTING	BLOOD-BORNE PATHOGENS	EH/SD	TOE PROTECTION	STRUCTURAL & HAZMAT	SIZES	N	M	W	XW
804-6369	✓	●	✓	●	EH	Comp [75]	✓	<b>MEN'S</b>		5-16	5-16	5-16
504-6369	✓	●	✓	●	EH	Comp [75]	✓	<b>WOMEN'S</b>	5-10	5-10	5-10	

### TECHNICAL FEATURES

Structural  
 CERTIFIED  
 NFPA 1971

GORE  
 CROSSTECH®  
 PRODUCTS



- A. GORE® CROSSTECH® Triple-Layer Moisture Barrier
- B. Powerflex Gussets
- C. 3M Scotchlite™ Reflective Material
- D. Lightweight, Composite Safety Toe
- E. Ankle and Shin Pads
- F. Lenzi L-Protection





## **NFPA FIRE BOOT WARRANTY**

### **LEATHER FOOTWEAR**

All leather Thorogood NFPA products manufactured by Weinbrenner Shoe Company or its authorized distributors are guaranteed to be free of any manufacturing or material defects for a period of one year from date of purchase with the exception of the sole which shall be warranted for the usable life of the boot. (Normal sole wear is not considered a defect.)

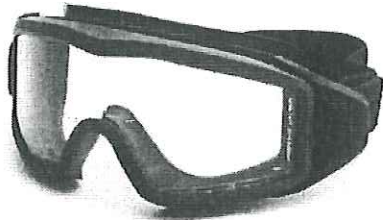
See warranty hang tag attached to boots for complete details. You must activate your warranty. Register your warranty at [weinbrennerusa.com/warranty](http://weinbrennerusa.com/warranty) or call 1-800-826-0002.

This is a limited warranty. Thorogood makes no other warranties including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. In no event will Weinbrenner Shoe Company be liable for incidental or consequential damages even if it has been advised of the possibility of such damages.



## STRUCTURAL FIRE SERIES

NFPA 1971 CERTIFIED FIREFIGHTING GOGGLES



### PRODUCT DESCRIPTION

ESS Structural goggles can be worn alone, on a helmet, or in conjunction with faceshields or flip-downs. ESS Structural goggles are compliant with NFPA 1971-2018, including the 500°F for 5-minute oven test. The goggles' full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes. The patented Speed-Clip™ strap system facilitates quick strap adjustment, even with gloves on.

### LENSES

2.0MM - 2.0MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UV/IRB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE OPTICS™

### BALLISTIC PROTECTION STANDARDS

NFPA 1971-2018 EDITION • ANSI Z87.1-2015 • U.S. FEDERAL OSHA

### INNERZONE™ SERIES



The Innerzone™ Structural goggles can accommodate fitting over most prescription eyewear.

[Rx inserts available see page 45 or visit [www.esseyepro.com/rx](http://www.esseyepro.com/rx)]

### FIREPRO 1971™ & INNERZONE™ CONFIGURATIONS



#### FIREPRO-1971 EX-1™

Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Thumb-Screw Mounting Brackets  
Model #: 740-0535



FIREPRO-1971 EX-2™  
Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Speed-Clip™ Mounting Brackets  
Model #: 740-0536



#### INNERZONE-1™

Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Thumb-Screw Mounting Brackets  
Model #: 740-0254



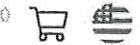
#### INNERZONE-2™

Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Speed-Clip™ Mounting Brackets  
Model #: 740-0255

BUILT FOR BATTLE. TOUGH FOR LIFE.™

[www.esseyepro.com](http://www.esseyepro.com)





# ESS TRY-ON FOR FIT GUARANTEE

[HOME](#) [WARRANTY](#)

[WARRANTY](#) [SHIPPING RATES](#) [LENS CONTINGENCY](#) [RETURNS](#) [FAQ](#)

## ESS WARRANTY POLICY:

Current ESS products are warranted against manufacturing defects for a period of five years (electronic components, if applicable, are covered for one year). The warranty is valid only to the original purchaser with proof of purchase from an authorized ESS Dealer that clearly shows the purchase date. For all valid warranty claims, ESS will repair or replace the product. Please refer to the specific warranty included with your product for specific information regarding warranty coverage.

### WARRANTY INSTRUCTIONS:

To ensure the proper processing of your Warranty claim, please contact ESS Customer Service at 877-726-4072.

### ADDRESS:

ESS Warranty  
ATTN: 4E-D5  
1000 Luxottica Place  
Mason, OH 45040

## ESS TOUGH FOR LIFE™ SUSTAINMENT PROGRAM

ESS products are engineered for use in the world's most hostile environments and are proven tough in battle. No company works harder to protect eyesight,

## HOURS OF OPERATION

The ESS Customer Service Department is open from 10:00 am to 7:00 pm EST Mon-Fri

Please choose from the following:

### ESS US & CANADA

General Info, Warranty, and Returns

Phone: 877-726-4072  
Email: [csinfo@esseyepro.com](mailto:csinfo@esseyepro.com)

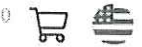
### ESS INTERNATIONAL

[csinfo@esseyepro.com](mailto:csinfo@esseyepro.com)

### ESS CONTRACTS

Purchase Orders, Tax Exempt orders, and Department Rep Codes

Email: [esspurchaseorders@esseyepro.com](mailto:esspurchaseorders@esseyepro.com)

[Please Click Here.](#)

The **ESS Tough for Life™ Sustainment Program** was built to maintain the good condition of your eye pro, keeping you protected no matter what surprises life may bring. We make three unique promises to safeguard your investment and assure your extended use of the world's number one military eye protection.

## FIVE YEAR WARRANTY

ESS backs up its products with a five year manufacturer's warranty against defects in craftsmanship. If your eye pro doesn't measure up to the high production standards we maintain, we will replace it. This is our guarantee that you'll be satisfied with the quality we provide and covers you against issues that relate to production. If it's on us, we've got your back.

### ESS LENS CONTINGENCY PROGRAM™ (ESS LCP)

ESS crafted the industry-first **Lens Contingency Program™** because when it comes to life and to lenses, bad stuff sometimes happens. With the **ESS Lens Contingency Program™**, there's a one-time remedy for the scratched-lens blues: for every pair of lenses that you buy, you can get 50% off the retail price of a new set of lenses. Simply replace your damaged goods with a like-kind lens and put your eye pro back into action. If you're hard on your gear, the **Lens Contingency Program™** is like a new lease on sunglass life. [Click here to participate.](#)

## REPLACE, REPAIR, RESTORE

Our products are tools of the toughest trades. When things in the world are broken, ESS customers fix them. Should an ESS product break, we make sure that you can do the same. If you break or lose nearly any individual part of your eye pro, replacements are available to help you repair or restore your kit with minimal investment. With our unique integrated approach to eye protection, being **ESS Protected™** means you'll be able to keep your eye pro at work longer by repairing, expanding, or adapting your kit as necessary.

*Page last updated April, 2021*





**NAFECO™**  
1515 West Moulton Street  
Decatur, Alabama 35601  
800-628-6233  
Fax (256) 355-0852  
www.nafeco.com

## 3415M

Right Angle Light

### **The most versatile intrinsically safe work light in the world, with magnet clip.**

The 3415M (magnet version) is the ultimate safety certified compact work light. The Class I II III Division 1 certifications provide the security needed for most hazardous locations. The 3415M is equipped with both a spot and flood LED for close-up as well as distance, so you can have wide area light in the immediate work area and still penetrate darkness hundreds of yards away. It can be activated to run one or both LEDs with 3 levels of brightness. The articulating head and built-in clip allows the light to be directed wherever it is needed, while a heavy duty magnet allows the light to be snapped to steel surfaces. The full time battery level indicator ensures you will always know where your battery status is.

The Pelican 3415M- a professional grade multi-task lighting tool that will help you get the job done- under any circumstances.

- Articulating Light Head
- Full Time Battery Level Indication
- Class I, Class II, Class III - Division 1 Safety Certified
- Attached clip with integrated magnet
- Security Lanyard
- Split ring installed
- 2 modes: spot, flashing



## DIMENSIONS

**Length** 7.44" (18.9 cm)

## MATERIALS

<b>Body</b>	ABS
<b>O-Ring</b>	NBR
<b>Lens</b>	Polycarbonate (PC)
<b>Shroud</b>	ABS
<b>Clip</b>	ABS
<b>Contact Spring Retainer</b>	Stainless Steel / Phosphore Bronze / Brass Nickel Plate

## COLORS

■ High Visibility Yellow

## LIGHT SPECS

<b>Lamp Type</b>	LED
<b>Lamp Secondary Type</b>	LED

## POWER

<b>Battery Size</b>	AA
<b>Battery Type</b>	Alkaline
<b>Battery Quantity</b>	3
<b>Volts</b>	4.5v

## WEIGHT

**Weight With Batteries** 9.6 oz (272 gr)

**Weight Without Batteries** 7.1 oz (201 gr)

## SWITCH

**Switch Type** Push Button

**Light Modes** High / Flashing



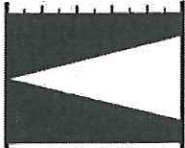


## CERTIFICATIONS

**Class I, Division 1**

**Class II, Division 1**

**Class III, Division 1**

**IECEX ia**

FL1 STANDARD	SPOT / FLOOD	FLOOD	SPOT
	336 LUMENS	177 LUMENS	186 LUMENS
	6h 0mins	15h 0mins	14h 0mins
	133m	37m	135m
	4418cd	336cd	4544cd
	IPX8 (1m)		

### Pelican

23215 Early Ave • Torrance, CA 90505 USA • Phone: (310) 326-4700 • (800) 473-5422 • Fax: (310) 326-3311  
[sales@pelican.com](mailto:sales@pelican.com) • [www.pelican.com](http://www.pelican.com)

Document created on 06-24-21





## Guarantee of Excellence

### FLASHLIGHTS/HEADLAMPS LIMITED LIFETIME WARRANTY

Pelican Products, Inc. ("Pelican") guarantees its flashlights and headlamps for a lifetime against breakage or defects in workmanship. This guarantee does not cover the lamp or batteries.

TO THE EXTENT PERMITTED BY LAW: (A) THIS WARRANTY IS IN LIEU OF ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE; (B) ALL OTHER IMPLIED WARRANTIES AND ANY LIABILITY NOT BASED UPON CONTRACT ARE HEREBY DISCLAIMED AND EXCLUDED; AND (C) IN NO EVENT SHALL PELICAN BE LIABLE FOR ANY INDIRECT, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR SPECIAL DAMAGES, REGARDLESS OF WHETHER A CLAIM FOR SUCH DAMAGES IS BASED ON WARRANTY, CONTRACT, NEGLIGENCE OR OTHERWISE, nor shall Pelican's liability to the purchaser for damages exceed the purchase price of the product in respect of which damages are claimed.

Pelican will either repair or replace any defective product, at our sole option. Certain products are available for a limited time only. If a claim is made involving one of these products, Pelican reserves the right to replace a broken or defective product with a standard Pelican product of comparable size and quality if no comparable limited edition product is available at the time of a claim. TO THE EXTENT PERMITTED BY LAW, THIS SHALL BE THE SOLE AND EXCLUSIVE REMEDY OF THE PURCHASER.

To make a warranty claim, the purchaser must complete the warranty claim form at [pelican.com/claim](http://pelican.com/claim). Any warranty claims shall be made by the purchaser as soon as practicable. The purchaser must obtain a return authorization number from Pelican Customer Service prior to returning any product, and is responsible for paying for all warranty freight costs. If Pelican determines that any returned product is not defective, within the terms of this warranty, the purchaser shall pay Pelican all costs of handling, return freight and repairs at Pelican's prevailing rates.

All warranty claims of any nature are barred if the product has been altered, damaged or in any way physically changed, or subjected to abuse, misuse, negligence or accident.

Some states and countries do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state and country to country.

In Australia: The benefits provided to you under this warranty are in addition to your rights and remedies as a consumer under the Australian Consumer Law as contained in the Competition and Consumer Act 2010 (Cth) ("the Act"). Nothing in this warranty limits the rights or obligations of a party under the Act in relation to the supply to consumers of goods which cannot be limited, modified or excluded. If applicable, our goods come with guarantees that cannot be excluded under the Act. Consumers are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. Consumers are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. If you are not a consumer under the Act, then your rights may be limited. To make a warranty claim, the purchaser may contact Pelican Products Australia, Suite 2.33, West Wing, Platinum Bldg., Erina NSW 2250, Tel: +612 4367 7022, or email: [info.australia@pelican.com](mailto:info.australia@pelican.com). Any claims should be made as soon as practicable. To expedite claims, the purchaser should obtain a return authorization number from Pelican Customer Service prior to returning any product. The purchaser is responsible for paying for all freight costs. If Pelican determines that any returned product is not defective, within the terms of this warranty or the Act, the purchaser may pay Pelican all costs of handling, return freight and repairs at Pelican's prevailing rates. In the event that Pelican determines that any returned product is defective, within the terms of this warranty or the Act, Pelican shall pay the purchaser all reasonable costs of the purchaser in making a claim under this warranty.