



REQUEST FOR BIDS
TOWN OF JOHNSTON

The Town of Johnston is seeking proposals for **Turn Out Gear for the Fire Department.**

Bid Due Date & Opening: Time:	Friday, November 30, 2018 10:00 am
Place of Delivery:	Town Clerk Johnston Town Hall 1385 Hartford Avenue Johnston, RI 02919

Bids must be received prior to the due date and time. Bids received after that time shall be returned unopened. Package must be sealed and clearly marked: **“Sixty-Six (66) sets of Turn Out Gear for JPD Fire Department”**.

The Town is not responsible for accepting any submissions delivered to other town buildings. Bids received prior to the time of opening will be securely kept, unopened until the opening time. No responsibility will attach to an officer or person for the premature opening of a bid not properly addressed and identified.

INSTRUCTION TO BIDDERS

TOWN OF JOHNSTON PURCHASING DEPARTMENT

RECEIPT AND OPENING OF BIDS

Sealed bids will be accepted at the office of the **Town Clerk, Johnston Town Hall, Johnston, RI 02919**, until the time indicated on the advertisement for bids and will then be opened and read in at the Conference Room at the Town Hall.

FORM OF BID

Bids must contain the name and proper address of the bidding firm and must be signed by a responsible member of the firm with their signature and official title. Any exceptions to these specifications must be listed on a separate sheet.

SUBMISSION OF BIDS

- I. Envelopes containing bids must be sealed and addressed to:

Town Clerk
Johnston Town Hall
1385 Hartford Avenue
Johnston, RI 02919

The bids must be marked with the name and address of the bidder, date and time of bid opening, and name of item in bid call.

- II. Any bidder may withdraw the firm's bid by written request at any time prior to the advertised time for opening. Telephonic, email or facsimile transmitted bids, amendments, or withdrawals will not be accepted.
- III. Unless otherwise specified, no bid may be withdrawn after the date and time of the bid opening. Time is of the essence in this bid and failure to deliver within the time period shall be considered default.
- IV. If any proprietary, trade, brand or manufacturer's name or part number is used herein in describing the required equipment, it shall be understood to indicate the minimum standard of composition and quality desired, and shall not be construed to exclude equipment that equals or exceeds the functional capability and quality of the named equipment. If bids are based on such equivalent equipment, indicate the manufacturer's name, model and number for the equipment and include any literature or other explanation of the equipment's quality or performance.
- V. Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after said bid has been opened.

- VI. Descriptive materials such as plans, drawings, photographs, written descriptions, and particularly manufacturer's literature that will enable the Town to determine the exact quality, design and appearance of the equipment proposed, shall accompany the bid. All equipment listed, or shown, in the manufacturer's literature, drawings or photographs, and approved by the Town, shall be furnished.
- VII. All prices bid must be on the basis of F.O.B. Delivery Point, Town of Johnston. Therefore, shipping costs are to be included within the process quoted. Deliveries must consist only of new merchandise or equipment and shall be made between 7:30am and 3:00pm, or as may be arranged during emergencies.
- VIII. Bids received prior to the time of opening will be securely kept, unopened. No responsibility will attach to an officer or person for the premature opening of a bid not properly addressed and identified.
- IX. The Finance Director or his designee may waive any or all bids for cause, failure to meet specifications or any reason deemed appropriate.
- X. An award will be given in writing to the bidder whose offer provides the greatest value to the Town, from the standpoint of meeting specifications and requirements of bidding documents, suitability to purpose, quality, service, previous experience, price, ability to deliver, or for any other reason deemed by the Town to be in its own best interest. Any final analysis or weighted point score does not imply that one bidder is superior to another, but simply, in the Town's judgment the bidder selected appears to offer the best overall solution for our current and anticipated needs. Thus, the result will not be determined by price alone.

Award will be based on, but not limited necessarily to the following (where applicable):

- 1. Adherence to all conditions and requirements of the bid specifications;
- 2. Total bid price; (including any discounts), unit bid price, or extended price;
- 3. General reputation and experience of bidders;
- 4. Evaluation of the bidder's ability to service the Town;
- 5. Financial responsibility of the bidder;
- 6. Prior knowledge of and experience with the bidder in terms of past performance;
- 7. Needs and requirements of the Town;
- 8. Experience with the products involved;
- 9. Bidder's ability to meet delivery and stocking requirements;
- 10. Delivery date or service date; and
- 11. Ordering method.

- XI. After the bid is awarded, all documents pertaining to the successful bid will be available for public inspection in the Town purchasing office.
- XII. If all Bids exceed the available funds, the Finance Director may re-solicit new Bids or enter into competitive negotiations with two or more of the lowest bidders meeting all requirements as outlined.
- XIII. A reasonable inquiry to determine the responsibility of the bidder or offer may be conducted. Failure to promptly supply information related to such an inquiry may be grounds for disqualification of a bidder. All information supplied is confidential.
- XIV. The Town may make such investigations as it deems necessary to determine the ability of the bidder to provide the materials or services, and the bidder shall furnish to the Town all such information and data for this purpose as the Town may request. The Town reserves the right to reject any bid of the evidence submitted by, or investigation of such bidder fails to satisfy the Town that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein.
- XV. Bid price shall be firm; unit price shall include any and all trade discounts. Price shall be inclusive of any freight, handling, delivery surcharges or any other incidental charges. Your bid shall be exclusive of any Federal or State taxes, as the Town of Johnston is exempt from payment of such taxes. A certificate of exemption shall be forwarded to the elected vendor upon request.
- XVI. Delivery shall be made to the Town of Johnston on the “ship to” address of the Purchase Order. Delivery is required within the time stated herein from the date of the issuance of the purchase order, unless otherwise noted. Delivery shall include assembly, servicing and placement of equipment in operable status unless specified otherwise. No deliveries shall become due or acceptable without a written Purchase Order issued by the Town of Johnston.
- XVII. The Department Director, or his designee, shall accomplish inspection and acceptance of materials/equipment purchased for the department.
- XVIII. In case of default, the Town may procure the materials from other sources and hold the bidder responsible for any excess costs occasioned thereby and may immediately cancel the Purchase Order.
- XIX. Bidders are advised that this section of the specifications will be evaluated before the technical specifications. Bids that do not comply with our General Conditions, Bonding, Insurance, Delivery, Bidder Qualifications, Service and Warranty requirements will be immediately deemed non-responsive and shall be immediately rejected without further review of the technical specification.
- XX. Bids not received by the Bid Submittal Deadline are late. Late Bids will be returned to Bidders unopened.

- XXI. No employee, officer or agent of the Town of Johnston shall participate in the selection, the award or administration, of the contract if a conflict of interest, real or apparent, would be involved. Such a conflict would arise when one of the following has a financial or other interest in any firm proposing on or selected for the award:
- (a.) The employee or an officer or agent of the employee;
 - (b.) Any member of the employee's immediate family;
 - (c.) The employee's business partner; or
 - (d.) An organization that employs, or is about to employ, any of the above.

Documents Required for Submission with Sealed Bid

1. **Bid Bond:** Must be for 10% of the price of the Bid.

Documents Required if Selected as Winning Bidder

2. **Performance Bond:** Must be for 100% of completed cost of project/service.
3. **Insurance Binder:** A certificate of insurance indicating liability and workers' compensation coverage must be provided.

See attached Specifications.

**GENERAL SPECIFICATIONS
PROTECTIVE JACKET AND PANTS
FOR STRUCTURAL FIRE FIGHTING**

Johnston Fire, Rhode Island
November 2018

SCOPE

This specification details design and materials criteria to afford protection to the upper and lower body, excluding head, hands, feet, against adverse environmental effects during structural fire fighting. All materials and construction shall meet or exceed NFPA Standard #1971 and OSHA for structural fire fighters protective clothing.

Comply Exception

SIZING

In order to insure that every member of the department can safely perform to the maximum of their ability without extra bulk and without restriction, Jackets and Pants shall be available in all sizes and dimensions as follows:

Jackets:

Gender: Gender specific Men's and Women's patterns shall be available.
Chest: Even sizes
Back Length: Men's 29", 32" (STD), 35"
 Women's 29"
Sleeve: 1" increments

Pants:

Gender: Gender specific Men's and Women's patterns shall be available.
Waist: Even sizes
Inseam: Even sizes

Comply Exception

OUTER SHELL MATERIAL - JACKET AND PANTS

The **Kombat™ Stretch (a.k.a. PBI® Stretch)** outer shell shall be constructed of Kevlar®/PBI™/Stretch outer shell fabric with an approximate weight of 7.2 oz. per square yard and manufactured by TENCATE PROTECTIVE FABRICS. For optimal stretch and durability, the fabric must be treated with a modified SST™ (SUPER SHELLTITE) which is a durable water-repellent finish that also enhances abrasion resistance. The color of the garments shall be black.

Comply Exception

THERMAL INSULATING LINER AND MOISTURE BARRIER - JACKET AND PANTS

The thermal liner shall be constructed of 6.7 oz. per square yard TENCATE **CALDURA® WITH NOMEX NANO ELITE**; with a double raschel 100% Kevlar® mesh insert. The Caldura® with Nomex® Nano is comprised of one layer of Nomex® Nano and one layer of 2.3 oz. per square yard Nomex® E-89™ spunlaced Nomex®/Kevlar® aramid blend, quilt stitched to para-aramid/FR Rayon/Nylon Face Cloth. Further mention of "Thermal Liner" in this specification shall refer to this section.

An approximate 7 inch by 9 inch pocket, constructed of thermal liner over-edged to a layer of moisture barrier

material, shall be affixed to the inside of the jacket thermal liner on the left side by means of a single needle stitch. The thermal liner shall be attached to the moisture barrier and bound together by bias-cut Neoprene coated cotton/polyester around the perimeter. This provides superior abrasion resistance to the less expensive, less durable “stitch and turn” method.

For the jacket, there shall be a mesh insert extending from shoulder to shoulder along the annular tab insert at the collar, with a tapered shape, culminating at an approximate span of 11 inches, ending approximately 2 inches above the jacket liner hemline. This breathable insert shall not be installed over the thermal liner fabric, but rather serve as the thermal liner in the area of coverage.

For the pant, there shall be a mesh insert measuring approximately 4 inches wide, extending the entire length of the inseam, from inner cuff to inner cuff. As with the jacket, this breathable insert shall not be installed over the thermal liner fabric, but rather serve as the thermal liner in the area of coverage.

The moisture barrier material shall be W.L. GORE **CROSSTECH® black moisture barrier** - Type 2F, which is comprised of a CROSSTECH® membrane laminated to a Nomex® IIIA woven pajama check substrate. The CROSSTECH® membrane is an enhanced bi-component membrane comprised of an expanded PTFE (polytetrafluoroethylene, for example Teflon®) matrix having a continuous hydrophilic (i.e. water-loving) and oleophobic (i.e. oil-hating) coating that is impregnated into the matrix. CROSSTECH® moisture barrier seams shall be sealed with GORE-SEAM® tape using a Series 6000 (or higher) GORE-SEAM™ sealing machine to afford comparable bacteriophage penetration resistance performance. Further mention of “Specified Moisture Barrier” in this specification shall refer to this section.

_____ Comply _____ Exception

SEALED MOISTURE BARRIER SEAMS

All moisture barrier seams shall be sealed with a minimum 1-inch wide sealing tape. One side of the tape shall be coated with a heat activated glue adhesive. The adhesive side of the tape shall be oriented toward the moisture barrier seam. The adhesive shall be activated by heat and the sealing tape shall be applied to the moisture barrier seams by means of pressure exerted by rollers for that purpose.

_____ Comply _____ Exception

METHOD OF THERMAL LINER/MOISTURE BARRIER ATTACHMENT FOR JACKETS AND PANTS

The thermal liner and moisture barrier shall be completely removable from the jacket shell. A total of six snap fasteners shall secure the thermal liner/moisture barrier to the outer shell along the length of the neck line under the top most collar. The top most collar shall be turned under and finished such that the snaps on the collar shall not be able to contact the wearer’s skin. Corresponding snaps shall be installed through a moisture barrier leader measuring an approximate height of 1¾ – 2 inches and shall not penetrate through to the outer shell on the backside of the collar. The remainder of the thermal liner/moisture barrier shall be secured with snap fasteners appropriately spaced on each jacket facing and Ara-Shield® snap fasteners at each sleeve end. One of the Ara-shield® snap tabs at the liner sleeve end shall be a different color to correspond with color-coded snap tabs on the shell sleeve end for ease of matching the liner system to the outer shell after inspection or cleaning is completed.

Additionally, there shall be two snap tabs at hem to secure liner to shell.

The thermal liner and moisture barrier shall be completely removable from the pant shell. Nine snap fasteners shall be spaced along the waistband to secure the thermal liner to the shell. The legs of the thermal liner/moisture barrier shall be secured to the shell by means of Ara-Shield® snap fasteners, 2 per leg. The Ara-shield® snap tabs on the shell shall be color coded to corresponding color-coded snap tabs in the liner for ease of matching the liner system to the outer shell after inspection or cleaning is completed. There shall be no hook and loop used to close the liner access opening.

_____ Comply _____ Exception

THERMAL PROTECTIVE PERFORMANCE AND TOTAL HEAT LOSS

The unique Athletix design incorporates two different liner fabrics in order to facilitate movement and compliment the stretch outer shell. The 2018 certification values as reported by Underwriters Laboratories on the section of the garment consisting of CALDURA® with NOMEX® NANO ELITE as the thermal liner is a TPP value of 42.1 and a THL value of 303.0. The section of the garment with the double raschel 100% Kevlar® mesh insert thermal liner is reported as having a TPP value of 39.6 and a THL value of 292.4.

_____ Comply _____ Exception

STITCHING

The outer shell shall be assembled using stitch type #301, #514 and #516. The thermal liner and moisture barrier shall be assembled using stitch type #301, #401, #504, #514, and #516. Major A outer shell structural seams and Major B structural liner seams, shall have a minimum of 8 to 10 stitches per inch. All Major A seams shall be sewn with ball point needles only. All seams shall be continuously stitched only.

_____ Comply _____ Exception

JACKET CONSTRUCTION

BODY

The coat body outer shell shall be constructed of seven separate panels. Each jacket front shall have two panels, joined together from the top of the shoulder seam to the hemline and accentuated by FR fluorescent piping. The jacket back outer shell shall have three separate panels, with the middle back panel joined to smaller full length panels on either side, also accentuated by FR fluorescent piping. The outer shell panels shall all be joined by means of an over-edge on the underside of the body, with double needle stay stitching on the outermost surface. This method of seaming serves to eliminate heavy, bulky seams and was chosen specifically to facilitate the stretch and freedom of movement afforded by the unique fabrics and design.

There shall also be two elastic inserts, one on either side of the lower jacket back, located just below the middle band of trim and situated between each of the two vertical seams joining the back panels. Each of the elastic inserts shall be installed on the inside of the outer shell, covering an approximate distance of 4 inches each, and shall be covered with an FR fabric on the interior of the shell.

The moisture barrier layer shall incorporate two vertical darts designed to work with the stretch provided in the liner mesh. The darts are positioned at the shoulder blades, outside of the SCBA straps and work together with the thermal liner mesh and stretch outer shell fabric providing maximum expansion. The moisture barrier darts shall be seam sealed to assure liquid resistance integrity.

_____ Comply _____ Exception

LOGOS

The garment brand shall be identified by means of red FR Nomex® thread embroidery on the top of the left collar denoting "GLOBE" as the manufacturer. There shall be a reflective label specific to the garment style, measuring 1 inch wide by 4 inches long, installed on the left pocket flap.

_____ Comply _____ Exception

DRAG RESCUE DEVICE (DRD)

A Firefighter Drag Rescue Device (DRD) shall be installed in each jacket. The ends of a 1 inch wide strap, constructed of Kevlar®, shall be sewn together to form a continuous loop. The strap shall be installed in the jacket between the liner system and outer shell such that when properly installed will loop around each arm. The strap shall be accessed through a portal between the shoulders on the upper back where it is secured in place by an FR strap. The DRD shall be removable for laundering. The access port shall be covered by an outside flap of shell material, designed to fit between the shoulder straps of an SCBA. The flap shall have a NFPA-compliant 3M Scotchlite™ reflective logo patch sewn to the outside to clearly identify the feature as the DRD (Drag Rescue Device). The DRD shall not extend beyond the outside flap. This device provides a quickly deployed means of rescuing a downed firefighter. Flimsy, rope-style DRD straps shall not be considered.

_____ Comply _____ Exception

LINER ACCESS OPENING (JACKET)

The liner system of the jacket shall incorporate an opening at the leading edge of the right front panel. This opening shall extend a minimum of 11 inches for the purpose of inspecting the integrity of the jacket liner system. When installed into the outer shell the Liner Access Opening shall be covered and protected by the overlap of the outer shell facing.

_____ Comply _____ Exception

RETROREFLECTIVE FLUORESCENT TRIM

The retroreflective fluorescent trim shall be 3M™ Scotchlite™ COMFORT Trim (Heat applied segmented L/Y borders with silver center). Color shall be either lime/yellow or red/orange – to be determined by the department.

NOTE: The use of 3M™ Scotchlite™ COMFORT trim negates the need for SET sleeve reinforcements.

Each jacket shall have an adequate amount of retroreflective fluorescent trim affixed to the outside of the outer shell to meet the requirements of NFPA 1971 and OSHA.

The trim shall be in the following widths and shall be **NFPA Basic style**; 3 inch wide stripes - around the bottom of the jacket within approximately 1 inch of the hem and around the back and chest area approximately 3 inches below the armpit, around each sleeve below the elbow.

_____ Comply _____ Exception

OPTIONAL SEWN ON RETROREFLECTIVE LETTERING

Each jacket shall have an option for either 2 inch or 3 inch lime/yellow 3M Scotchlite™ lettering on a hanging letter patch.

NOTES: Lettering is NOT available on sleeves.

Lettering on back may be arched in either 4 inch or 7.5 inch arch (7.5 inch is the default)

_____ Comply _____ Exception

HANGING LETTER PATCH

The hanging letter patch shall be constructed of a double layer of outer shell material. The letter patch shall attach to the rear inside hem of the jacket with a combination of snap fasteners and FR hook and loop fastener tape.

There shall be a row of 2 inch 3M™ Scotchlite™ COMFORT Trim at the bottom of the hanging letter patch. Color shall match trim color on the jacket.

_____ Comply _____ Exception

COLLAR AND INTEGRATED OVERLAPPING THROAT TAB

The collar and integrated overlapping throat tab shall consist of a minimum four-layer construction and be of one-piece design. There shall be two layers of specified moisture barrier material sandwiched in between two layers of outer shell fabric. The multi-layered configuration shall provide protection from water and other hazardous elements, while maintaining thermal protection. The collar shall be a minimum of 3 inches in height and graded to chest size. The left leading edge of the collar shall extend up evenly from the leading edge of the jacket front body panel, while the right side of the collar incorporates the integrated overlapping throat tab so that no gap occurs at the throat area. The collar back layers of outer shell and moisture barrier shall be joined to the body panels with a minimum of two rows of stitching. The collar front layers of outer shell and moisture barrier fabric shall have a series of 6 snap fasteners spaced equidistant to minimize gaps on the lower edge of the collar. The top most collar shall be turned under and finished such that the snaps on the collar shall not be able to contact the wearer's skin. There shall be 6 corresponding snap fasteners on a moisture barrier leader, which is sewn to the thermal liner system to engage the snaps on the collar. This moisture barrier leader on the thermal liner system shall be sandwiched between the underside of the top collar shell fabric and moisture barrier material and the bottom collar shell fabric and moisture barrier material so as to reduce the possibility of liner detachment while donning and doffing.

The integrated overlapping throat tab shall be an extension of the collar and constructed of a minimum of two plies of outer shell material with two center plies of moisture barrier material. There shall be 1 piece of 1 inch by 3 inch FR hook fastener tape sewn horizontally to the integrated overlapping throat tab to secure the tab to the collar. There shall be a corresponding piece of FR loop fastener tape measuring approximately 1 ½ inch by 3 inches at the opposite end of the collar. There shall be an Ara-Shield® collar pull tab measuring approximately ¾ inches by 3 inches, folded in half to form a loop which shall be single stitched to the end of the throat tab.

A hanger loop constructed of a double layer of outer shell material shall be sewn to the top inside of the collar at the center.

_____ Comply _____ Exception

JACKET FRONT

The jacket shall incorporate separate facings to ensure there is no interruption in thermal or moisture protection in the front closure area. The facings shall measure approximately 4½ inches on the right side and approximately 3 inches on the left and shall extend from collar to hem. The facings shall be double stitched to the underside of the outer shell at the leading edges of the front body panels. A breathable moisture barrier material shall be sewn to the jacket facings and configured such that it is sandwiched between the jacket facing and the inside of the respective body panel. The breathable film side shall face inward to protect it. The thermal liner and moisture barrier assembly shall be attached to the jacket facings by means of snap fasteners. There shall be wicking barrier constructed of Crosstech® 2F moisture barrier material installed on the front closure system on the left and right side directly below the front facings to ensure continuous protection and overlap. The wicking barrier shall extend no more than a maximum of ¾ inch beyond the inner facing. False facings shall be unacceptable.

_____ Comply _____ Exception

STORMFLAP

A rectangular stormflap measuring approximately 3½ inches wide and a minimum of 27 inches long (based on a 32 inch length jacket) shall be sewn to the inside right front facing to ensure there is no interruption in thermal or moisture protection in the front of the jacket. The inside storm flap shall be constructed of two plies of outer shell material with a center ply of breathable moisture barrier material. The leading edge of this inner stormflap shall be turned forward approximately ½ inch and secured with five separate bartacks spaced equidistant, to form a full length gutter. This gutter serves to repel water or other liquids from entering the system.

_____ Comply _____ Exception

STORM FLAP AND JACKET FRONT CLOSURE SYSTEM

The jacket shall be closed by means of an approximate 22-inch size #10 heavy duty high-temp smooth-gliding YKK Vislon® zipper on the jacket fronts and FR fastener tape on the storm flap. The teeth of the zipper shall be mounted on black Nomex® tape and shall be sewn into the respective jacket fronts. The outermost right front body panel shall close over the left front jacket body panels and shall be secured with FR fastener tape. A 1½-inch piece of FR loop fastener tape shall be installed along the leading edge of the right front panel on the underside with full perimeter stitching. A corresponding 1½-inch piece of FR hook fastener tape shall be sewn with full perimeter stitching and positioned to engage the loop fastener tape when the right front panel is closed over the front over the left front panel of the jacket.

_____ Comply _____ Exception

ZIPPERGRIPPER™

There shall be a ZIPPERGRIPPER™ feature integrated into the zipper closure of the jacket. The ZIPPERGRIPPER™ shall facilitate donning and shall provide additional room at the base of the jacket when sitting otherwise engaged. The ZIPPERGRIPPER™ shall be comprised of black Ara-Shield®, with the zipper installed on one side of the Ara-Shield® and with the opposite side double stitched to the left jacket front. The ZIPPERGRIPPER™ shall be wedged shaped, measuring approximately 4 inches high and finished 1½ inches wide at the bottom. There shall be a single row of stitching, approximately 2 inches high, to ensure the ZIPPERGRIPPER™ is held in place beneath the stormflap.

_____ Comply _____ Exception

CARGO/HANDWARMER EXPANSION (BELLOWS) POCKETS

Each jacket front body panel shall have a 2 inch deep by 8 inch wide by 8 inch high expansion pocket, double stitched to it and shall be located such that the bottom of the pockets are at the bottom of the jacket for full functionality when used with an SCBA. Retroreflective trim shall run over the bottom of the pockets so as not to interrupt the trim stripe. Two rust resistant metal drain eyelets shall be installed in the bottom of each expansion pocket to facilitate drainage of water. *The expansion pocket shall be reinforced with a layer of Kevlar® forming a full pouch on the inside of the pocket.* The pocket flaps shall be rectangular in shape, constructed of two layers of outer shell material and shall measure 3 inches deeper than the pocket expansion and approximately ½ inch wider than the pocket. There shall be a row of minimum ½-inch trim at the bottom of the pocket flap, running the full length of the flap. The upper pocket corners and pocket flaps shall be reinforced with proven backtacks. The pocket flaps shall be closed by means of FR fastener tape. Two pieces of 1 ½ inch by 3 inch, FR hook fastener tape shall be installed vertically on the inside of each pocket flap (one piece on each end). Two corresponding pieces of 1 ½ inch by 3 inch FR loop fastener tape shall be installed horizontally on the outside of each pocket near the top (one piece on each end) and positioned to engage the hook fastener tape.

For ease of opening the pocket with a gloved hand, each pocket flap shall be equipped with an Ara-Shield® pocket pull-tab. The tab shall be located towards the front of the flap and shall measure approximately 1 ⅞ inches wide by 2 ½ inches, folded in half forming a loop and stitched into the pocket flap seam.

Additionally, a separate hand warmer pocket compartment shall be provided under the expandable cargo pocket. This compartment shall be accessed from the rear of the pocket and shall be lined with Nomex® Fleece for warmth and comfort. Shell material linings or thermal liner materials shall not be considered acceptable.

(32" or shorter length) Retroreflective trim shall run over the bottom of the pockets so as not to interrupt the trim stripe.

_____ Comply _____ Exception

SLEEVES

The sleeves shall be of three-piece construction, with a top sleeve consisting of one piece and the underside consisting of two pieces. The sleeve shall be graded in proportion to the chest size. For unrestricted movement, on the underside of each sleeve there shall be an outward facing dart located in the elbow area of the sleeve on the shell, thermal liner and moisture barrier. The moisture barrier dart shall be seam sealed to assure liquid resistance integrity. Neither stove-pipe, nor raglan-style sleeve designs shall be considered acceptable.

_____ Comply _____ Exception

SLEEVE CUFF REINFORCEMENTS

The sleeve cuffs shall be reinforced with a layer of black Dragonhide® material. The cuff reinforcements shall not be less than 1 ½ inches in width and folded in half, approximately one half inside and one half outside the sleeve end for greater strength and abrasion resistance. The cuff reinforcement shall be double stitched to the sleeve end; a single row of stitching shall be considered unacceptable. This independent cuff provides an additional layer of protection as compared to a turned and stitched cuff. Jackets finished with a turned and stitched cuff do not provide the same level of abrasion resistance and shall be considered unacceptable.

_____ Comply _____ Exception

DOUBLE WRISTER SYSTEM

The jacket shall have a double wristlet system. The jacket shall have **Nomex® knit wristlets** not less than 4 inches in length and of double thickness. Nomex® knit is constructed of 96% Nomex® and 4% Spandex for shape retention. The color of the wristlets shall be grey and shall be sewn to flame resistant neoprene coated cotton/polyester material, which in turn shall be sewn to the inside of the sleeve shell approximately five inches from the sleeve cuff. This sleeve well configuration serves to prevent water and other hazardous elements from entering the sleeves when the arms are raised. The neoprene material shall also line the inside of the sleeve shell from the cuff to a point approximately five inches up, where it joins the sleeve well and is double stitched to the shell. Four Ara-shield® snap tabs shall be sewn into the juncture of the sleeve well and wristlet. The tabs shall be spaced equidistant from each other and shall be fitted with female snap fasteners to accommodate corresponding male snaps in the liner sleeves. One of the Ara-shield® snap tabs shall be a different color in the liner to correspond with color-coded snap tabs for ease of matching the liner system to the outer shell after inspection or cleaning has been completed. This configuration shall ensure there is no interruption in protection between the sleeve liner and wristlet.

The jacket shall also have a **Nomex® knit wristlets with thumb loop** not less than 4 inches in length and of double thickness. Nomex® knit is constructed of 96% Nomex® and 4% Spandex for shape retention. A loop of ½ inch wide black 6.0 oz. Brigade material shall be installed on each wristlet. This loop is designed to slip over the thumb and hold the wristlets from riding up the arm. The color of the wristlets shall be grey.

_____ Comply _____ Exception

LINER SHOULDER AND UPPER BACK THERMAL ENHANCEMENT

A minimum of two additional layers of **CALDURA® WITH NOMEX NANO ELITE** thermal liner material shall be used to increase thermal insulation in the shoulder area of the liner system. These thermal enhancement layers shall run along the top of each shoulder extending downward on the front and back approximately 2 inches, complying with the NFPA CCHR requirement for protection in this high compression area. The thermal enhancement layers shall be sandwiched between the thermal liner and moisture barrier layers of the liner system and shall be stitched to the thermal liner layer only. The thermal enhancement layers shall have finished edges by means of over-edging. Raw or unfinished edges shall be considered unacceptable. Thermal scraps shall not be substituted for full-cut fabric padding.

_____ Comply _____ Exception

RADIO POCKET

Each jacket shall have a pocket designed for the storage of a portable radio. This pocket shall be of box type construction, double stitched to the jacket and shall have one drainage eyelet in the bottom of the pocket. The pocket flap shall be constructed of two layers of outer shell material measuring approximately 3 inches longer than the depth of the pocket. The pocket flap shall be closed by means of FR fastener tape. A 1½ inch by 3 inch piece of FR hook fastener tape shall be installed on the inside of the pocket flap beginning at the center of the bottom of the flap. A 1½ inch by 3 inch piece of FR loop fastener tape shall be installed horizontally on the outside of the pocket near the top center and positioned to engage the hook fastener tape. In addition, the entire inside of the pocket shall be lined with neoprene coated cotton/polyester material to ensure that the radio is protected from the elements. The impermeable barrier material shall also be sandwiched between the two layers of outer shell material in the pocket flap for added protection. The radio pocket shall measure approximately 2 inches deep by 3.5 inches wide by 7 inches high and shall be installed on either the left or right chest, location to be determined by department. The radio pocket shall be trimmed for an uninterrupted trim band on the chest.

_____ Comply _____ Exception

MICROPHONE STRAP

A strap shall be constructed to hold a microphone for a portable radio. It shall be sewn to the jacket at the ends only. The size of the microphone strap shall be 1 inch x 3 inches. The microphone strap shall be constructed of double layer outer shell material. The microphone strap shall be mounted above the radio pocket.

_____ Comply _____ Exception

HELMET SNAP w/SELF STRAP

The jackets shall be equipped with a helmet strap. An inward facing safety hook, attached to a double layer self material strap, shall be double stitched in a vertical position to the upper chest. The helmet strap shall be located on either the left or right chest. Location to be determined by the department.

_____ Comply _____ Exception

SURVIVOR FLASHLIGHT HOLDER

Each jacket shall be equipped with a "Survivor" flashlight holder. An inward facing safety hook, attached to a double layer self material strap, shall be double stitched in a vertical position to the upper chest. The inward facing safety hook will accommodate the clip portion of the flashlight. Below the safety hook will be a strap constructed of outer shell material measuring approximately 1 ¼ inches high and 9 inches wide, and will hold the barrel of the flashlight. The lower strap will be equipped with a 1 ½ inch by 2 ½ inch FR hook and loop closure at the front of the strap to facilitate easy removal of the flashlight. There shall be approximately 3 ½ inches between the upper safety hook and lower strap. The "Survivor" flashlight holder shall be sewn to the jacket on either the left or right chest, location to be determined by the department.

_____ Comply _____ Exception

EMBROIDERED AMERICAN FLAG – RIGHT SLEEVE

Each jacket shall have a Nomex® embroidered American flag that measures approximately 2½ inches high by 3½ inches wide. Per Military protocol the field of stars shall be to the top right corner for installation on the right sleeve. Flags made of fabric other than Nomex® shall be considered unacceptable.

Location to be confirmed by department.

_____ Comply _____ Exception

COAT INTERFACE GUARD

The jackets shall be equipped with a coat interface guard at the hemline to reduce the introduction of foreign matter onto the wearer. The interface guard shall be constructed of a neoprene coated material and shall be double stitched to the liner system at the hemline. The interface guard shall measure approximately 3 inches wide at the center rear of the hem, tapering to approximately 1 ¼ inches wide at the leading edges of the right and left front panels. The bottom of the interface guard shall encase a continuous band of an elasticized material extending the entire length of the guard. Approximately 2 inches back from the leading edge of the right and left front panels, there shall be a minimum 3-inch tab single needle stitched to the interface guard. The tab sewn to the right front panel shall include two male snap fasteners, which shall correspond to two female snap fasteners on the tab at the left front panel. The tabs shall interface to complete the closure of the interface guard around the wearer's waist area when engaged.

_____ Comply _____ Exception

PANT CONSTRUCTION

BODY

The body of the shell and liner shall be constructed of seven separate body panels, consisting of four front panels, two back panels and one full length continuous inseam panel. The body panels shall be shaped so as to provide a tailored fit, thereby enhancing body movement and shall be joined together by double stitching with Nomex® thread. The body panels shall be graded to size to assure accurate fit in a broad range of sizes. The inseam panel shall measure approximately 4 inches in width, extending from inner cuff to inner cuff.

The front body panels shall be wider than the rear body panels to provide additional fullness over the knee area. This is accomplished by providing two separate sections on the front panels for shaping and is enhanced by rolling the outside leg seams to the rear of the pant. The slight taper shall prevent premature wear of the inseams by pushing them back and away from the primary high abrasion areas encountered on the sides of the lower legs.

The rise of the rear pant center back seam from the top back of the waistband to where it intersects the inside banded seam at the crotch, shall exceed the rise at the front of the pant by approximately 6 inches. The longer rear center back seam provides added length in the seat for mobility without restriction when stepping up, kneeling, or crawling and maintains proper alignment of the knee, directly over the knee pads without twisting.

_____ Comply _____ Exception

LINER ACCESS OPENING (PANT)

The thermal liner and moisture barrier layers of the pant liner system shall be constructed in such a way as to allow an access opening for interior inspection, service and replacement. The thermal liner and moisture barrier layers shall be stitched together for security and prevention of inadvertent use of one layer without the other. The liner system shall have a reinforcement material sewn to the bottom of the fly opening. This reinforcement shall serve to prevent the liner from tearing in this high stress area from the constant donning and doffing of the pants.

The liner system of the pant shall incorporate an opening along the back of the waistline for ease in inspecting the inner layers and to facilitate performing the complete Liner Inspection. The thermal liner and moisture barrier shall be individually bound with a neoprene coated bias cut tape and joined together on each of the front panels, along the waistband from the front fly opening to side seam. The back of the liner system shall be allowed to remain open with two snaps on either side of the back seam to attach the moisture barrier layer to the thermal liner layer.

As described previously, the pant thermal layer system snaps directly to the independent waistband by means of nine snap fasteners. There shall be no hook and loop used to close the liner access opening.

_____ Comply _____ Exception

RETROREFLECTIVE FLUORESCENT TRIM

The pants shall have a stripe of retroreflective fluorescent trim encircling each leg below the knee to comply with the requirements of NFPA #1971 in 3M™ Scotchlite™ COMFORT Trim (Heat applied segmented L/Y borders with silver center). Color shall be either lime/yellow or red/orange, to be determined by the department. Bottom of trim band shall be located approximately 3 inches above cuff.

_____ Comply _____ Exception

WAISTBAND

The pant design facilitates the transfer of the weight of the pant to the hips instead of the shoulders and suspenders.

The waist area of the pants shall be reinforced on the inside with a separate piece of black aramid outer shell material, cut on the bias (diagonally). The reinforcement shall be folded in half, for a finished bottom edge and shall have a finished width of not less than approximately 1½ inches. The top edge of the waistband reinforcement shall be double stitched to the outer shell at the top of the pants. The lower edge of the waistband shall be unattached to the shell to accept the thermal liner and moisture barrier. The top of the thermal liner and moisture barrier shall be secured to the underside of the waistband reinforcement by means of nine snaps, spaced equidistant along the length of the waistband reinforcement. Inserting the liner system between the waistband reinforcement and outer shell serves to reduce the possibility of liner detachment while donning and doffing. The independent waistband construction affords greater comfort and fit than a turned and stitched method. Pants that do not include an independent waistband or are not cut on the bias shall not provide the same amount of stretch to the garment and shall be considered unacceptable.

_____ Comply _____ Exception

EXTERNAL / INTERNAL FLY FLAP

The pants shall have a vertical outside fly flap constructed of two layers of outer shell material, with a layer of moisture barrier material sandwiched between. The fly flap shall be sewn to the left front body panel and shall measure at the widest point approximately 2 ¾ inches wide, with a length graded to size based on waist measurement and reinforced with backtacks at the base. An internal fly flap constructed of one layer of outer shell material, thermal liner and specified moisture barrier, measuring approximately 3 inches wide, with a length graded to size based on waist, shall be sewn to the leading edge of the right front body panel.

The underside of the outer fly flap shall have a 1½ inch wide piece of FR loop fastener tape attached with full perimeter stitching on the shell material only; stitching shall not penetrate the moisture barrier insert between the two shell fabric layers to insure greater thermal protection and reduced water penetration. A corresponding strip of 1½-inch wide piece of FR hook fastener tape shall be attached with full perimeter stitching to the outside right front body panel, for use of securing the fly in a closed position.

_____ Comply _____ Exception

BLACK ARAMID BELT WITH BELT LOOPS

The pants shall be equipped with a series of belt loops, spaced around the waist to accommodate an Escape Belt, a Harness or the aramid belt. One loop shall be located on the rear of the waist, centered over the rear seam, measuring approximately 3½ inches by 3½ inches. There shall be two additional wide loops at the front of each pant. The top of these two belt loops shall be angled, with the top measuring approximately 2½ inches and the bottom measuring approximately 4 ½ inches. Under each of the front belt loops there shall be a slit to

accommodate an internal harness passing from the inside of the pant, to the outside. The slits shall be at the same angle as the front belt loops, reinforced with black Ara-Shield® material, and having an opening that measures approximately 3 inches.

There shall be 2-piece loops constructed of a double layer of black aramid material installed inside the shell in the hip area, which shall serve to hold the leg loops of an optional internal harness in place. The top and bottom of the loops shall attach to each other with an approximate 1 inch by 1 inch FR hook and loop fastener tape sew to the ends.

In addition to the 3 wide belt loops, there shall be two rappelling harness loops installed at the rear of the pant, just behind each side seam. The loops shall be constructed of a double layer of outer shell material and shall be of a 2-piece design – top and bottom. The top and bottom of each loop shall attach to each other with snap fasteners and FR hook and loop fastener.

Comply Exception

CARABINER HOLD DOWN STRAP

The pant shall be equipped with a carabiner hold down strap. The strap shall be constructed of double layer black Ara-Sheild® material, consisting of two separate portions to form a strap with an opening of approximately 3 inches. Each portion of the strap shall measure approximately 1¾ inches wide by 3½ inches long. The lower portion of the strap shall be double needle stitched in the vertical position, opening upwards. There shall be a piece of 1½ by 2½ inch hook FR fastener tape single needle stitched to the strap approximately ¼ inch up from the bottom. The upper portion of the strap shall be double needle stitched in the vertical positon, opening downwards to interface with the lower portion of the strap. There shall be a piece of corresponding 1½ by 2½ inch loop FR fastener tape single needle stitched to the strap approximately ½ inch down from the top of the strap. On both the upper and lower portions of the strap, there shall be a bartack centered between the double needle stitching. The strap shall be located behind the left front belt loop.

In the event the IH Pant is ordered with the Escape Belt, there shall be an additional carabiner hold down strap, added to the right front belt loop.

Comply Exception

ESCAPE BELT

The pant shall have an integrated Escape Belt, which is independently certified as meeting the belt requirements of NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services. The Escape belt shall be comprised of Kevlar® webbing with a hook and an adjustable D-ring closure, graded for the waist size of the pants. The hook and dee closure system of the Escape Belt also serves as the positive front closure for the pants, eliminating redundant closure systems.

Comply Exception

LINER KNEE THERMAL ENHANCEMENT

A minimum of two additional layers of **CALDURA® with NOMEX® NANO ELITE** thermal liner material and one additional layer of moisture barrier material, measuring approximately 9 inches by 12 inches, shall be sewn to the knee area of the liner system for added CCHR protection and increased thermal insulation in this high compression area. The knee thermal enhancement layers shall be sandwiched between the thermal liner and moisture barrier layers of the liner system and shall be stitched to the thermal liner layer only. The thermal enhancement layers shall have finished edges by means of over-edging. Raw or unfinished edges shall be considered unacceptable. Thermal scraps shall not be substituted for full-cut fabric padding. Smaller CCHR reinforcements shall not be considered acceptable since they provide far less area of coverage.

_____ Comply _____ Exception

CATHEDRAL KNEE REINFORCEMENTS

The knee area shall be reinforced with a layer of black Dragonhide® material. The cathedral shaped knee reinforcement shall be centered on the leg to ensure proper coverage when bending, kneeling and crawling. The knee reinforcements shall measure approximately 9 inches wide by 12 inches high and shall be double stitched to the outside of the outer shell in the knee area for greater strength and abrasion resistance. The articulated Dragonhide® cathedral knee shall be constructed by means of 2 horizontal full length darts, spaced equidistance over the height of the knee reinforcement. Knee reinforcements of a smaller size do not provide the same protective coverage and shall be considered unacceptable.

_____ Comply _____ Exception

PADDING UNDER KNEE REINFORCEMENTS

Padding for the knees shall be accomplished with one layer of cathedral shaped Silizone® foam, sandwiched between the thermal liner and moisture barrier.

_____ Comply _____ Exception

ANGLED EXPANSION (BELLOWS) POCKETS

Two 2 inch deep by 10 inch wide by 8 inches to 11 inches angled bellows pockets shall be placed over the outer leg seams at thigh level. The pockets shall be sewn to the pant with two rows of lock stitching and shall provide two aluminum eyelets, installed at the bottom of each pocket, for water drainage. *The expansion pocket shall be reinforced with a layer of Kevlar® forming a full pouch on the inside of the pocket.* The pocket flaps shall be angled in shape, constructed of two layers of outer shell material and double stitched to the outer shell. There shall be a row of minimum ½ inch trim at the bottom of the pocket flap, running the full length of the flap. One piece of 1½ inch by 3 inch FR hook fastener tape shall be installed on the inside of each pocket flap on each side. One piece of corresponding 1½ inch by 3 inch FR loop fastener tape shall be installed horizontally on the outside of each side of pocket near the top and positioned to engage the hook fastener tape. Each pocket shall be reinforced with proven backtacks, and pocket flaps shall be reinforced with backtacks in uppermost corners.

For ease of opening the pocket with a gloved hand, each pocket flap shall be equipped with an Ara-Shield® pocket pull-tab. The tab shall be located towards the front of the flap and shall measure approximately 1⅞ inches wide by 2½ inches, looped and stitched into the pocket flap seam.

_____ Comply _____ Exception

PANT CUFF REINFORCEMENTS

The cuff area of the pants shall be reinforced with a layer of black Dragonhide® material. The cuff reinforcement shall not be less than 2 inch in width and folded in half, approximately one half inside and one half outside the end of the legs for greater strength and abrasion resistance. The cuff reinforcement shall be double stitched to the outer shell for a minimum of two rows of stitching. This independent cuff provides an additional layer of protection over a hemmed cuff. Pants that are turned and stitched at the cuff, as opposed to an independent cuff reinforcement, do not provide the same level of abrasion resistance and shall be considered unacceptable.

_____ Comply _____ Exception

PADDED RIP-CORD SUSPENDERS & ATTACHMENT

On the inside waistband shall be attachments for the standard "H" style "Padded Rip-Cord" suspenders. There shall be four attachments total – 2 front, 2 back. The suspender attachments shall be constructed of black Ara-Shield® material measuring approximately ½ inch wide by 3 inches long. They shall be sewn in a horizontal position on the ends only to form a loop. The appearance shall be much like a horizontal belt loop to capture

the suspender ends.

A pair of "H" style "Padded Rip-Cord" suspenders shall be specially configured for use with the pants. The main body of the suspenders shall be constructed of 2 inch wide black webbing straps. The suspenders shall run over each shoulder to a point approximately shoulder blade high on the back, where they shall be joined by a 2 inch wide horizontal piece of webbing measuring approximately 8-inches long, forming the "H". This shall prevent the suspenders from slipping off the shoulders. The shoulder area of the suspenders shall be padded for comfort by fully encasing the webbing with aramid batting and wrap-around black aramid.

The rear ends of the suspenders shall be sewn to 2-inch wide elasticized webbing extensions measuring approximately 8 inches in length and terminating with thermoplastic loops. The forward ends of the suspender straps shall be equipped with specially configured black powder coat non-slip metal slides with teeth. Through the metal slides shall be the 9 inch lengths of strap webbing "Rip-Cords" terminating with thermoplastic loops on each end. Pulling on the "Rip-Cords" shall allow for quick adjustment of the suspenders.

Threaded through and attached to the thermoplastic loops on the forward and rear ends of the suspenders shall be black aramid suspender attachments incorporating two snap fasteners. The aramid suspender attachments are to be threaded through the suspender attachment loops on the inside waistband of the pants. The aramid suspender attachments shall then fold over and attach to themselves securing the suspender to the pants.

_____ Comply _____ Exception

REVERSE BOOT CUT

The outer shell pant leg cuffs shall be constructed such that the back of the leg is approximately 1 inch shorter than the front. The liner shall also have a reverse boot cut at the rear of the cuff and a concave cut at the front to keep the liner from hanging below the shell. This construction feature shall minimize the chance of premature wear of the cuffs and injuries due to falls as a result of "walking" on the pant cuffs. Pants that have "cut-outs" in the back panel rather than a contoured boot cut shall be considered unacceptable.

_____ Comply _____ Exception

PANT INTERFACE GUARD

The pants shall be equipped with a pant interface guard at the pant cuff and at the base of the fly to reduce the introduction of foreign matter onto the wearer. This interface guard shall be constructed of

a neoprene coated material
CROSSTECH® black moisture barrier

and shall be double stitched to the liner at the hemlines and at the base of the crotch. The hemline interface guard shall measure approximately 4 inches wide and run the full circumference of the liner cuff. The bottom of the interface guard shall encase a continuous band of an elasticized material extending the full length of the interface guard. The interface guard at the crotch opening shall be an elliptical shape, measuring approximately 3 inches high and 3 ½ inches wide, and secured to the binding by two rows of stitching.

_____ Comply _____ Exception

THIRD PARTY TESTING AND LISTING PROGRAM

All components used in the construction of these garments shall be tested for compliance to NFPA Standard #1971 by Underwriters Laboratories (UL). Underwriters Laboratories shall certify and list compliance to that standard. Such certification shall be denoted by the Underwriters Laboratories certification mark.

_____ Comply _____ Exception

LABELS

Appropriate warning label(s) shall be permanently affixed to each garment. Additionally, the NFPA certification label shall include the following information.

- Compliance to NFPA Standard #1971
- Underwriters Laboratories classified mark
- Manufacturer's name
- Manufacturer's address
- Manufacturer's garment identification number
- Date of manufacture
- Size

_____ Comply _____ Exception

ISO CERTIFICATION / REGISTRATION

The protective clothing manufacturer shall be certified and registered to ISO Standard 9001 to assure a satisfactory level of quality. Indicate below whether the manufacturer is so certified and registered by checking either "Yes" or "No" in the space provided.

_____ Yes _____ No

WARRANTY:

The manufacturer shall warrant these jackets and pants to be free from defects in materials and workmanship for their serviceable life when properly used and cared for.

_____ Comply _____ Exception

HOOK AND LOOP SUPPORT PROGRAM

Support program shall cover hook or loop tape that has begun to fray or otherwise degrade from normal wear. This program shall remain in effect for a period of five years from the original date of manufacture of the garment. This support program shall cover the repair or replacement, without charge, of any hook and/or loop on the garments produced by the manufacturer providing the garments are otherwise serviceable.

This support program does NOT cover damage from fire, heat, chemicals, misuse, accident or negligence. Failure to properly care for garments shall serve to void this support program.

_____ Comply _____ Exception

SIZING BY VENDOR:

Both male and female sizing samples shall be available.

Both male and female sizing samples shall be on hand for use when sizing. The vendor shall be available to perform all sizing requirements within 96 hours of written notice. Measuring with a tape measure is not acceptable.

_____ Comply _____ Exception

GARMENT TRAINING AND SUPPORT

OSHA requires employees be trained on the capabilities and limitations of their Personal Protective Equipment. The selected vendor shall provide the following:

On-site care and maintenance training shall be provided by the manufacturer. Training shall be in compliance with NFPA 1851, current edition, at the conclusion of which each participant shall receive a certificate of completion.

An on-site OSHA mandated training class on the Knowing the Limits of Your PPE shall be provided at no charge. The training shall include structural firefighting jacket, pant and boots.

_____ Comply _____ Exception

BAR-CODE/RECORD KEEPING INTERFACE

A 1 dimensional barcode, in the Interleaved 2 of 5 format shall be printed on the label of each separable layer of the garment.

This barcode shall represent the serial number of the garment. The manufacturer shall be able to provide a detailed list of each asset of a drop-shipped order, and shall include the following:

- Brand
- Order Number
- Serial Number
- Style Number
- Color
- Description
- Chest/Waist Size
- Jacket/pant Length
- Sleeve Length
- Date of Manufacture
- Mark-For Data

This information shall be able to be imported into the manufacturers web-based system designed to facilitate the organization and tracking of assets in accordance with the cleaning and inspection requirements of OSHA and NFPA 1851.

_____Comply _____Exception

PPE RECORD KEEPING

The manufacturer shall make available and no-charge, a password protected data based backed website that does not care whose brand of PPE assets are being recorded. The website shall have the functionality to allow the manufacturer to import all of the pertinent data into the department’s account so that the initial data entry by fire department personnel is eliminated.

The website shall allow for the department to use a barcode scanner, if desired, to scan the Interleaved 2 of 5 barcode found in the gear by going to the Search the Serial Number page in PPE record keeping program, and scanning the asset’s barcoded serial number.

_____Comply _____Exception

EXCEPTIONS TO SPECIFICATIONS

Any and all exceptions to the above specifications must be clearly stated for each heading. Use additional pages for exceptions, if necessary.

COUNTRY OF ORIGIN

Jackets and Pants shall be manufactured in the United States.