

City of Manchester New Hampshire

Fire Department

100 Merrimack Street

Manchester, NH 03101

Phone (603) 669-2256 Fax (603) 669-7707

Title: Structural Firefighter Protective Clothing

(RFP # FY17-300-05)

DUE: 8/3/2016 AT CLOSE OF BUSINESS DAY

REQUEST FOR PROPOSALS

(RFP # FY17-300-05)

DUE 8/3/2016

Office of the Fire Chief

100 Merrimack Street

Manchester, NH 03101

Phone (603) 669-2256 Fax (603) 669-7707

FIREFIGHTER PROTECTIVE CLOTHING

FOR

MANCHESTER, NH FIRE DEPARTMENT

Sealed proposals, subject to the conditions and instructions contained herein, will be received at the office of the Fire Chief, 2nd Floor, Central Fire Station, 100 Merrimack Street Manchester, NH 03101, up through the time and date shown below (local prevailing time), for furnishing the following described products.

Scope: To establish a term contract for the acquisition of 191 sets of firefighter Protective Clothing. The contract will be for an initial term, with the City's option to purchase additional Firefighter Protective Clothing, for eighteen months from the date of contract award.

Proposal Due: End of Business on (5:00 PM) 8/3/2016

Contract Officer: Lieutenant Robert Field

AN ORIGINAL AND THREE (3) COPIE(S) OF YOUR SUBMITTAL ARE REQUESTED

In compliance with this request for Proposals, and subject to all the conditions thereof, the undersigned offers to furnish the services requested and certifies he has read, understands, and agrees to all terms, conditions, and requirements of this proposal and is authorized to contract on behalf of the firm named below.

Company Name: _____

Address: _____

City/State/Zip: _____

Telephone: _____ Fax: _____

Federal Tax ID (or Social Security #): _____ Email: _____

Print Name: _____ Title: _____

Signature: _____ Date: _____

This form must be signed. All signatures must be original and not photocopies.

CONDITIONS AND INSTRUCTIONS

1. All proposals shall be submitted in accordance with this form. If more space is required the Offeror may attach additional documents hereto that will be made a part of the proposal. All proposals shall be submitted sealed, plainly marked showing the proposal number, date and time.

The entire solicitation document is to be returned when submitting a proposal, unless otherwise directed by the solicitation document. Failure to return all pages may result in a determination that the submittal is non-responsive.

2. It will be the responsibility of the Offeror to see that their proposal is received by the Manchester Fire Department as specified.
3. If the Central Fire Station is closed for business at the time specified by which proposals are to be received, for whatever reasons, the proposals will be accepted through the specified hour on the next business day of the City.
4. Receipt of a proposal by the Manchester Fire Department is not to be construed as an award or an order to ship.
5. Each proposal is received with the understanding that the acceptance in writing by the City of the Offeror to furnish any or all of the products/services described therein or as otherwise negotiated, shall constitute a contract between the Offeror and the City, which shall bind the Offeror on his part to furnish and deliver the articles offered at the prices agreed upon and in accordance with the conditions of said accepted proposal: and the City on its part to order from such contractor, except for causes beyond reasonable control; and pay for, at the agreed prices, all products/services specified and delivered.
6. Offerors have the right to request withdrawal of their proposals from consideration prior to the time affixed for opening. Negligence on the part of the Offeror in preparing the proposal confers no right for the withdrawal of the proposal after it has been opened.
7. If issued, addenda to this solicitation will be emailed to all Offerors. It is the Offeror's responsibility to ensure that they have a complete, up-to-date package. Bid documents and addenda can be found on the City of Manchester Purchasing web site: <http://www.manchesternh.gov/bids>
8. In the case of any inconsistency between proposal documents submitted to the City, but not clearly listed on the exception page of the document as an exception by the Offeror, the language of the official copy shall prevail. Furthermore, any exception or changes to the specifications made by the Offeror may be cause to disqualify your proposal. Official copy will be held by the Manchester Fire Department.
9. Award will be made according to procedures outlined in the RFP, using criteria published therein.
10. Upon making an award, or giving notice of intent to award, the City will place appropriate notice. Notice of award may also appear on the purchasing web site: <http://www.manchesternh.gov/bids>

- 11.** Prices, if requested, shall be clearly and fully stated as requested. Unless otherwise negotiated, no additional charges shall be passed to the City, including any applicable taxes, delivery or surcharges.
- 12.** The time of proposed delivery must be stated in definite terms. If time of delivery for different products varies, the Offeror shall so state.
- 13.** Samples, when requested, must be furnished free of expense. Upon request, if not destroyed, will be returned at the Offeror's risk and expense.
- 14.** Unless qualified by the provision "NO SUBSTITUTE", the use of the name of the manufacturer, brand make or catalog designation in specifying an item does not restrict Offerors to the manufacturer, brand, make or catalog designation identification. This is used simply to indicate the character, quality and/or performance equivalence of the commodity desired. The products/services on which proposals are submitted must be of such character, quality and/or performance equivalence that it will serve as that specified. In submitting proposals on products/services other than as specified, Offeror shall provide complete data and identification with respect to the alternative products/services they propose to furnish.

Consideration will be given to proposals submitted on alternate products/services to the extent that such action is deemed to serve the best interests of the City. If the Offeror does not indicate that the products/services he proposes to furnish is other than specified, it will be construed to mean that the Offeror proposes to furnish the exact products/services described.

- 15.** Any equipment delivered must be standard new and unused equipment, latest model, except as otherwise specifically stated in the proposal. Where any part or the normal accessories of equipment is not described, it shall be understood that all the equipment and accessories that are usually provided in the manufacturer's stock model shall be furnished.
- 16.** The apparent silence of these specifications and any supplemental specifications as to any detail or the omission from the specifications of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and correct type, size and design are to be used. All interpretations of these specifications shall be made on the basis of this statement.
- 17.** All proposals must be signed by an authorized, responsible officer or employee having the capacity to enter contracts.
- 18.** By signing this proposal, the Offeror assigns the City any and all rights that he may have under the antitrust laws of the United States and the State of New Hampshire in any way arising from or pertaining to this proposal. This provision is remedial in nature and is to be liberally construed by any court in favor of the City.
- 19.** The Offeror certifies by signing this Request for Proposal that this proposal is made without prior understanding, agreement, or accord with any person submitting a proposal for the same product or service and that this proposal is in all respects bona fide, fair and not the result of any act of fraud or collusion with another person engaged in the same line of business or commerce. Any false statement hereunder constitutes a felony and can result in a fine and imprisonment, as well as civil damages.

- 20.** The contractor guarantees to defend and save the City, its agents and employees, harmless from liability of any nature or kind, for use of any copyright, composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of the contract, or which the contractor is not the patentee, assignee or licensee.
- 21.** The contractor shall keep himself fully informed of all Federal, State and local laws, ordinances and regulations that in any manner affect the conduct of the work. The contractor shall at all times observe and comply with all such laws, ordinances and regulations and he shall protect and indemnify the City, and its representatives against any claim or liability arising from or based on any violation of the same, whether by the contractor, his subcontractors, suppliers of materials or services, or others engaged by the contractor or the employees of any of them.
- 22. Payment Terms:**
Invoices dated by the 25th of the month will be processed and paid by the 15th of the following month.
- 23. Availability of Funds:** A contract shall be deemed executory only to the extent of appropriations available to each department for the purchase of such articles or services. The City's extended obligations on those contracts that envision extended funding through successive fiscal periods shall be contingent upon actual appropriations for the following years.
- 24.** In event of default by the contractor, the City reserves the right to procure the products/services from other sources, hold the contractor liable for any excess cost occasioned thereby.
- 25. Non-Discrimination:** During the performance of this contract, the contractor agrees as follows:
- a. He will not discriminate against any employees or applicants for employment because of race, religion, Color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where one or more of these are bona fide occupational qualification reasonable necessary to the normal operations of the contractor. The contractor agrees to post in conspicuous places available to employees and applicants for employment, notices setting forth the provisions of this non- discrimination clause.
 - b. The contractor will be and state that he is an equal opportunity employer in all solicitations or advertisements for employees.
 - c. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

The contractor will include the provisions of the foregoing paragraphs (a), (b) and (c) in every subcontract or purchase order of over ten thousand dollars so that the provisions will be binding upon each subcontractor or contractor.

- 26.** During performance of this contract, the contractor agrees to (i) provide a drug-free workplace for the contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the contractor's workplace and specifying the actions that will be against employees for violations of prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the contractor that the contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clause in every subcontract of purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or contractor.

For the purposes of this subsection, "A drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a contractor in accordance with this subsection, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

- 27.** Assignment of Contract: A contract shall not be assignable by the contractor in whole or in part without the written consent of the City.
- 28.** Applicable Law and Courts: Any purchase order/contract resulting from this solicitation shall be governed in all respects by the laws of the State of New Hampshire and any litigation with respect thereto shall be brought in the courts by the State of New Hampshire. The contractor shall comply with applicable federal, state and local laws and regulations.
- 29.** Severability: If any provision of the Agreement or the application thereof to any person or circumstances shall to any extent be invalid or unenforceable, the remainder of this Agreement, or the application of such provision to persons or circumstances other than those which is invalid or unenforceable, shall not be affected hereby, and each provision of this Agreement shall be valid and enforced to the full extent permitted by law.
- 30.** Questions or comments related to this solicitation should be directed to the Contract Officer, whose name and contact information appears on the front of this document.

Anti-Collusion Certification

The Offeror certifies that this proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same product and that this proposal is in all respects bona fide, fair and not the result of any act of fraud or collusion with another person or firm engaged in the same line of business or commerce. The Offeror understands collusive bidding is a violation of Federal law and that any false statement hereunder constitutes a felony and can result in fines, imprisonment, as well as civil damages. The Offeror also understands that failure to sign this statement will make the proposal non-responsive and unqualified for award.

Signed: _____

Date: _____

Name of Company: _____

Notary: _____ My term expires: _____

Date: _____ Seal:

Firefighter Protective Clothing
for the
Manchester, NH Fire Department

I. PURPOSE

The purpose of this Request for Proposals (RFP) is to establish a contract for the purchase of “Firefighter Protective Clothing”.

II. BACKGROUND

The Manchester Fire Department is in the process of increasing its’ compliment of Firefighter Protective Clothing to allow the assignment of two sets of Clothing to each member. Numerous studies have shown that prolonged exposure to the products of combustion is a likely contributor to the increased occurrence of cancer in Firefighters. This will allow for members to perform regular cleaning of their clothing while remaining available to respond to incidents.

III. SCOPE OF WORK

- a. Contractor shall provide 191 sets of Firefighter Coats and Pants sized for Members of the Manchester Fire Department.
- b. Contractor shall provide sizing of each member.
- c. Contractor shall provide repair service for each item for the usable life of the item.
- d. Contractor shall ensure that all materials and construction meet National Fire Protection Association (NFPA) Standard # 1971 (Current Edition)
- e. Contractor shall provide documentation of Third Party Testing and Listing to NFPA Standard #1971 (Current Edition)

IV. DESCRIPTION OF CLOTHING

a. OUTER SHELL MATERIAL - JACKETS AND PANTS

The outer shell shall be constructed of TENCATE "**MILLENIA™ XT**", a 60/40 Para-aramid/PBO blend with an approximate weight of 7.5 oz. per square yard in a ripstop weave. The shell material must be treated with **SST™ (SUPER SHELLTITE)** which is a durable water-repellent finish that also enhances abrasion resistance. Color of the garments shall be gold. **Bids offering this shell material without the SST™ will not be considered.**

_____ Comply _____ Exception

b. THERMAL INSULATING LINER - JACKETS AND PANTS

The thermal liner shall be constructed of 7.6 oz. per square yard TENCATE "**CALDURA® SL2i**"; one layer of 1.5 oz. and one layer of 2.3 oz. per square yard Nomex® E-89™ spunlaced Nomex®/Kevlar® aramid blend, quilt stitched to a Kevlar® filament and FR rayon/para-aramid/nylon inherently wicking Caldura® face

cloth. A 7 inch by 9 inch pocket, constructed of self material and lined with moisture barrier material, shall be affixed to the inside of the jacket thermal liner on the left side by means of a lock 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. Further mention of "Thermal Liner" in this specification shall refer to this section. *NOTE: This thermal liner MUST be used exclusively with a minimum 7 oz. per square yard outer shell material or with Crosstech 4A moisture barrier.*

_____Comply _____Exception

c. MOISTURE BARRIER - JACKETS AND PANTS

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 3.3 ounce per square yard Nomex® IIIA woven pajama check substrate. The CROSSTECH® membrane is an enhanced bicomponent 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

d. 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

e. 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. Two strips of 5/8 inch wide FR Velcro® fastener tape shall secure the thermal liner/moisture barrier to the outer shell along the length of the neck line under the collar (see Collar section). 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 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 is completed.

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 shall be color coded to a corresponding snap tab in the liner for ease of matching the liner system to the outer shell after inspection or cleaning is completed.

_____Comply _____Exception

f. THERMAL PROTECTIVE PERFORMANCE

The assembled garment, consisting of an outer shell, moisture barrier, and thermal liner, shall exhibit a TPP (Thermal Protective Performance) rating of not less than 35.

_____Comply _____Exception

g. STITCHING

The outer shell shall be assembled using stitch type #301, #401, #514 and #516. The thermal liners and moisture barriers shall be assembled using stitch type #301, #401, #504, #514, and #516. Stitching in all seams shall be continuous. Major A outer shell structural seams, major B structural liner seams and 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

V. JACKET CONSTRUCTION

a. BODY

The body of the shell and AXTION[®] liner system shall be constructed of three separate panels consisting of two front panels and one back 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. One-piece outer shells shall not be acceptable.

_____Comply _____Exception

b. SIZING

The jacket length shall be measured from the juncture of the collar and back panels to the hem of the jacket and shall measure:

- 27 inches in the front/31 inches long in the back. (ladies)
- 29 inches in the front/33 inches long in the back. (standard)
- 32 inches in the front/36 inches long in the back.
- 35 inches in the front/39 inches long in the back.

The jacket shall be available in male and female patterns in even size chest measurements of two inch increments, and shall range from a small size of 30 to a large size of 68. Generalized sizing, such as small, medium, large, etc., will not be considered acceptable.

_____Comply _____Exception

c. DRAG RESCUE DEVICE (DRD)

A Firefighter Drag Rescue Device shall be installed in each jacket. The ends of a 1½ inch wide strap, constructed of black Kevlar[®] with a red Nomex[®] center stripe, will be sewn together to form a continuous loop. The strap will be installed in the jacket between the liner system and outer shell such that when properly installed will loop around each arm. The strap will 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 will be covered by an outside flap of shell material, with beveled corners designed to fit between the shoulder straps of an SCBA. The flap will 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 will not be considered.

_____Comply _____Exception

d. LINER ACCESS OPENING - JACKET

The liner system of the jacket shall incorporate an opening at each of the leading edges of the left and right front panels. This opening shall run a minimum of 12 inches along the perimeters for the purpose of inspecting the integrity of the jacket liner system. When installed into the outer shell the Liner Access Opening will be covered and protected by the overlap of the outer shell facing.

_____Comply _____Exception

e. LOGOS

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

_____Comply _____Exception

f. RETROREFLECTIVE FLUORESCENT TRIM

The retroreflective fluorescent trim shall be lime/yellow 3M Scotchlite™Triple Trim (L/Y borders with silver center). 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 **NYC style**; 3 inch wide stripes - around the bottom of the jacket within approximately 1 inch of the hem, around the back and chest area approximately 3 inches below the armpit, around each sleeve below the elbow, around each sleeve above the elbow.

_____Comply _____Exception

g. REINFORCED TRIM STITCHING

All reflective trim is secured to the outer shell with Nomex® thread, using a locking chainstitch protected by our exclusive TrimTrax® system. This strip of 3/32-inch strong, durable, flame resistant black Kevlar® cording provides a bed for the stitching along each edge of the retroreflective fluorescent trim surface and affords extra protection for the thread from abrasion. TrimTrax® has been proven to be 5 to 7 times more durable than single or even double rows of stitching, significantly reducing maintenance costs and providing more value and a longer service life. Two rows of stitching used to attach the trim in place of the TrimTrax® shall be considered an unacceptable alternative, since it has been proven that the two rows of stitching has insignificant impact on wear life. All trim ends shall be securely sewn into a seam for a clean finished appearance.

_____Comply _____Exception

h. SEWN ON RETROREFLECTIVE LETTERING

Each jacket shall have 2 inch lime/yellow 3M Scotchlite™ lettering on Row A reading: MANCHESTER

_____Comply _____Exception

i. COLLAR & FREE HANGING THROAT TAB

The collar shall consist of a four-layer construction and be of one-piece design. The outer layers shall consist of one layer of specified outer shell material on outside and a layer of PCA black Advance™ as standard on the inside and two layers of specified moisture barrier. The rear inside ply of aramid pajama check shall be sewn to the collar's back layer of outer shell at the edges only. The forward inside ply of moisture barrier shall be sewn to the inside of the collar at the edges only. The multi-layered configuration shall provide protection from water and other hazardous elements. The collar shall be a minimum of 3 inches high and graded to size. The leading edges of the collar shall extend up evenly from the leading edges of the jacket front body panels so that no gap occurs at the throat area. The collar's back layers of outer shell and moisture barrier shall be joined to the body panels with two rows of stitching. Inside the collar, above the rear seam where it is joined to the shell shall be a strip of 5/8 inch wide FR Velcro® loop fastener tape running the full length of the collar. The collar's front layers of moisture barrier and outer shell shall have an additional strip of 5/8 inch wide FR Velcro® hook fastener tape stitched to the inside lower edge and running the full length of the collar. These two inside strips of 5/8 inch wide FR Velcro® fastener tape sewn to the underside of the collar shall engage corresponding pieces of FR Velcro® fastener tape on the neck extension of the liner system. A self material fabric hanger loop shall be sewn at the top of collar.

The throat tab shall be a scoop type design and constructed of two plies of outer shell material with two center plies of moisture barrier material. The throat tab shall measure not less than 2½ inches wide at the center tapering to 2 inches at each end with a total length of approximately 7½ inches. The throat tab will be attached to the right side of the collar by a 1 inch wide by 1½ inch long piece of Nomex® twill webbing. The throat tab shall be secured in the closed and stowed position with FR Velcro® hook and loop fastener tape. The FR Velcro® hook and loop fastener tape shall be oriented to prevent exposure to the environment when the throat tab is in the closed position. A 1½ inch by 3 inch piece of FR Velcro® loop fastener tape shall be sewn horizontally to the inside leading end of the throat tab and a 1½ inch by 3 inch piece of FR Velcro® hook fastener tape shall be sewn horizontally to the opposite end of the throat tab. A corresponding piece of FR Velcro® hook fastener tape measuring 1½ inches by 3 inches shall be sewn horizontally to the leading outside edge of the collar on the left side, for attachment and adjustment when in the closed position and wearing a breathing apparatus mask. The collar closure strap shall fold in half for storage with the FR Velcro® loop fastener tape engaging the FR Velcro® hook fastener tape.

_____Comply _____Exception

j. 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 3 inches wide, extend from collar to hem, and 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. 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” beyond the inner facing and false facing shall be unacceptable. The thermal liner and moisture barrier assembly shall be attached to the jacket facings by means of snap fasteners.

_____ Comply _____ Exception

k. STORM FLAP

A rectangular storm flap measuring approximately 3¾ inches (6 inches for hook and dee inside/FR Velcro® outside closure; aka #7C) wide and a minimum of 21 inches long shall be centered over the left and right body panels to ensure there is no interruption in thermal or moisture protection in the front of the jacket. The outside storm flap shall be constructed of two plies of outer shell material with a center ply of breathable moisture barrier material. The outside storm flap shall be double stitched to the right side body panel and shall be reinforced at the top and bottom with backtacks.

_____ Comply _____ Exception

I. STORM FLAP AND JACKET FRONT CLOSURE SYSTEM

The jacket shall be closed by means of a 20 inch size #10 heavy duty high-temp smooth-gliding YKK Vislon® zipper on the jacket fronts and FR Velcro® 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 facings. The storm flap shall close over the left and right jacket body panels and shall be secured with FR Velcro® fastener tape. A 1½ inch piece of FR Velcro® loop fastener tape shall be installed along the leading edge of the storm flap on the underside with four rows of stitching. A corresponding 1½ inch piece of FR Velcro® hook fastener tape shall be sewn with four rows of stitching to the front body panel and positioned to engage the loop fastener tape when the storm flap is closed over the front of the jacket.

_____ Comply _____ Exception

m. SEMI-EXPANSION (BELLOWS) POCKETS

Each jacket front body panel shall have a 8 inch wide by 8 inch high semi-expansion pocket double stitched to it and shall be located to provide accessibility. The leading edge of the pockets shall be sewn flush with the jacket. The rear of the pockets shall expand to a depth of 2 inches. *The semi-expansion pocket shall be reinforced with a layer of Kevlar® approximately 5 inches up on the inside of the pocket.* Two rust resistant metal drain eyelets shall be installed in the bottom of each semi-expansion pocket to facilitate drainage of water. The pocket flaps shall be constructed of two layers of outer shell material and shall measure 3 inches deeper than the pocket expansion and ½ inch wider than the pocket. The pocket flaps shall be angled with the front edge 1” shorter than the back edge, the upper pocket corners shall be reinforced with proven backtacks, and pocket flaps shall be reinforced with backtacks. The pocket flaps shall be closed by means of FR Velcro® hook and loop fastener tape. Two pieces of 1½ inch by 3 inch FR Velcro® hook fastener tape shall be installed vertically on the inside of each pocket flap (one piece on each end). Two corresponding pieces of 1½ inch by 3 inch FR Velcro® 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.

Additionally, a separate hand warmer pocket compartment will be provided under the expandable cargo pocket. This compartment will be accessed from the rear of the pocket and shall be lined with Nomex® fleece for warmth and comfort.

_____ Comply _____ Exception

n. AXTION® SLEEVES

The sleeves shall be of two piece construction and contoured, having an upper and a lower sleeve. Both the under and upper sleeve shall be graded in proportion to the chest size. For unrestricted movement, on the underside of each sleeve there shall be two outward facing pleats located on the front and back portion of the sleeve on the shell and thermal liner. On the moisture barrier, the system will consist of two darts, rather than pleats, to allow added length in the under sleeve. The moisture barrier darts will be seam sealed to assure liquid resistance integrity.

The pleats shall expand in response to upper arm movement and shall fold in on themselves when the arms are at rest. This expansion shall allow for greater multi-directional mobility and flexibility in the shoulder and arm areas, with little restriction or jacket rise. Neither stove-pipe nor raglan-style sleeve designs will be considered acceptable.

_____ Comply _____ Exception

o. SLEEVE CUFF REINFORCEMENTS

The sleeve cuffs shall be reinforced with an extra layer of outer shell material. The cuff reinforcements shall not be less than 2 inch 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 will be considered unacceptable.

_____ Comply _____ Exception

p. WRISTLETS / SLEEVE WELLS

Each jacket shall be equipped with **Nomex® knit wristlets** not less than 4 inches in length and of double thickness. The color of the wristlets shall be white.

The wristlets shall be sewn to a piece of self material leader that is then stitched into the cuff. Four Ara-shield® snap tabs will be sewn into the juncture of the sleeve well and wristlet. The tabs will be spaced equidistant from each other and shall be fitted with female snap fasteners to accommodate corresponding male snap tabs sewn onto 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 is completed. This configuration will ensure there is no interruption in protection between the sleeve liner and wristlet.

_____ Comply _____ Exception

q. ELBOW REINFORCEMENTS

The elbows of the outer shell sleeves shall be reinforced with an extra layer of outer shell material. The outer shell elbow reinforcements shall be of a one piece design, and shall incorporate a layer of Arafil material sewn beneath the elbow reinforcement to insure compliance with the stored energy test requirements. The elbow reinforcement shall measure approximately 6 1/2 inches by 8 inches, and shall be double stitched onto the outer sleeve shell.

_____ Comply _____ Exception

r. LINER SHOULDER THERMAL ENHANCEMENT

A minimum of one additional layer of thermal liner material shall be used to increase thermal insulation in the shoulder area of the liner system. This thermal enhancement layer shall drape over the top of each shoulder extending from the collar to the sleeve/shoulder seam, and 5" to the front, 2" to the back of the shoulder cap. The shoulder 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 layer shall have finished edges by means of overedging. 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

s. 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 5 inches deep and ¼ inch wider than the pocket. The pocket flap shall be closed by means of FR Velcro® fastener tape. A 1½ inch by 3 inch piece of FR Velcro® 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 Velcro® 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 impermeable barrier 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 the left chest. Note: radio pocket 6-inch and over in height requires trim.

_____ Comply _____ Exception

t. 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 mounted above the radio pocket and shall be constructed of double layer outer shell material.

_____ Comply _____ Exception

u. SUNLANCE FLASHLIGHT HOLDER

Each jacket shall be equipped with two specially configured straps to hold a "Sunlance" flashlight. The top strap shall measure approximately 1 inch high and 3 inches wide and will accommodate the clip portion of the flashlight. The lower strap shall measure approximately 2½ inches high and 9 inches wide and will hold the barrel of the flashlight. The lower strap will be equipped with a 1½ inch by 2½ inch FR Velcro® closure at the front of the strap to facilitate easy removal of the flashlight. There shall be approximately ¾ inch between the upper and lower strap. The "Sunlance" flashlight holder shall be sewn to the jacket on the right chest.

_____Comply _____Exception

VI. PANT CONSTRUCTION

a. BODY

The body of the shell shall be constructed of four separate body panels consisting of two front panels and two back panels. 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 and seam lengths shall be graded to size to assure accurate fit in a broad range of sizes.

_____Comply _____Exception

b. SIZING

The pant shall be available in even size waist measurements of two inch increments and shall be available in a range of sizes from 24 to 68. The pant inseam measurement shall be available in two inch increments. Generalized sizing, such as small, medium, large, etc., will not be considered acceptable. Sizing specifically for women shall also be available.

_____Comply _____Exception

c. LINER ACCESS OPENING (PANT)

The combined moisture barrier and the thermal liner shall be completely removable for the pant. The thermal liner and moisture barrier layers of the liner system shall be stitched together and bound around the cuffs, but each layer will be individually bound at the top of the waist. The binding shall be of Bias-Cut neoprene coated cotton/polyester material for a finished appearance that prevents fraying and wicking of contaminants. The thermal liner and moisture barrier layers are attached at the waist band with a snap one either side and one center snap. Additionally, there shall be four independent snap tabs that secure the moisture barrier layer to the shell to prevent any gapping. The bottom of the liner fly opening shall have a reinforcement of black Nomex® Twill which serves to prevent the liner from tearing in this area which is highly stressed as a result of the constant donning and doffing of the pants.

The liner system of the pant shall incorporate a full length opening along the entire waistline for ease in inspecting the inner layers as well as 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 with a snap at the center back. There shall be a minimum of 4 snap tabs sewn to the underside of the waistband, with corresponding snaps in the moisture barrier layer to secure the barrier to the

shell. As described previously, the pant thermal layer 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

d. RETROREFLECTIVE FLUORESCENT TRIM

The pant shall have a stripe of retroreflective fluorescent trim encircling each leg below the knee to comply with the requirements of NFPA #1971 in 3 inch lime/yellow 3M Scotchlite™ Triple Trim (L/Y borders with silver center). Bottom of trim band shall be located approximately 3” above cuff.

_____Comply _____Exception

e. REINFORCED TRIM STITCHING

All reflective trim is secured to the outer shell with Nomex® thread, using a locking chainstitch protected by our exclusive TrimTrax® system. This strip of 3/32-inch strong, durable, flame resistant black Kevlar® cord provides a bed for the stitching along each edge of the retroreflective fluorescent trim surface and affords extra protection for the thread from abrasion. TrimTrax® has been proven to be 5 to 7 times more durable than single or even double rows of stitching, significantly reducing maintenance costs and providing more value and a longer service life. Two rows of stitching used to attach the trim in place of the TrimTrax® shall be considered an unacceptable alternative, since it has been proven that the two rows of stitching has insignificant impact on wear life. All trim ends shall be securely sewn into a seam for a clean finished appearance.

_____Comply _____Exception

f. WAISTBAND

The waist area of the pants shall be reinforced on the inside with a separate piece of black aramid outer shell material not less than two inches in width. Neoprene coated cotton/polyester shall be sewn to the back of the waistband as a reinforcement to create a three-layer protection. 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 serged and 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 so as to be sandwiched between the waistband reinforcement and outer shell to reduce the possibility of liner detachment while donning and to avoid pass through of snaps from the outer shell to the inner liner. The independent waistband construction affords greater comfort and fit than a turned and stitched method. Pants that do not include an independent waistband only serve to save the manufacturer both money and labor and shall be considered unacceptable.

_____Comply _____Exception

g. PANT CLOSURE SYSTEM

The exterior primary positive locking closure shall be an inward facing metal safety hook and dee ring. The safety hook shall be attached to a leather strap that is triple riveted to the right front body panel in the waist area. A leather backed dee ring shall be riveted to the leading edge of the fly flap near the top. The snap hook shall engage the dee ring located on the fly flap when in the closed position.

_____Comply _____Exception

h. EXTERNAL / INTERNAL FLY FLAP

The pants will 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 double stitched to the left front body panel and shall measure approximately 2 ½ 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 2 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 inside of the right front body panel shall be thermally enhanced directly under the outside fly with a layer of moisture barrier and thermal liner material.

The underside of the outside fly flap shall have a 1½ inch wide piece of FR Velcro® loop fastener tape quadruple stitched along the full length and through the shell material only; stitching shall not penetrate the moisture barrier insert between the two layers to insure greater thermal protection and reduced water penetration. A corresponding strip of 1½ inch wide piece of FR Velcro® hook fastener tape shall be quadruple stitched to the outside right front body panel securing the fly in a closed position.

Appropriate snap fastener halves shall be installed at the leading edge of the waistband for the purpose of further securing the pants in the closed position.

_____Comply _____Exception

i. AXTION® KNEE

The outer shell of the pant legs shall be constructed with horizontal expansion pleats in the knee area with corresponding darts in the liner to provide added fullness for increased freedom of movement and maximum flexibility. The pleats shall be folded to open outwardly towards the side seams to insure no restriction of movement. The AXTION® knee will be installed proportionate to the pant inseam, in such a manner that it falls in an anatomically correct knee location.

The thermal liner shall be constructed with four pleats per leg in the front of the knee. Two will be located above the knee (one on each side) and two will be located below the knee (one on each side). On the moisture barrier, the system will consist of two darts, rather than pleats, to allow added length in the under knee. The darts in the liner provide a natural bend at the knee. The pleats and darts in the liner work in conjunction with the expansion panels in the outer shell to increase freedom of movement when kneeling, crawling, climbing stairs or ladders, etc.

_____Comply _____Exception

j. LINER KNEE THERMAL ENHANCEMENT

A minimum of one additional layer of specified thermal liner and one additional layer of moisture barrier material, measuring a minimum of 9 inches by 11 inches, will 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 layer shall have finished edges by means of overedging. 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

k. KNEE REINFORCEMENTS

The knee area shall be reinforced with gold Ara-Shield® material. The knee reinforcement shall be slightly offset to the outside of the leg to insure proper coverage when bending, kneeling and crawling. The knee reinforcements shall measure 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. Knee reinforcements of a smaller size do not provide the same protective coverage and shall be considered unacceptable. The knee reinforcement specified shall be removable without opening up any seams of the outer shell of the pant.

The lower edge of the Ara-Shield® knee reinforcement shall be turned under so that the lower row of stitching is covered and protected from abrasion.

_____Comply _____Exception

l. PADDING UNDER KNEE REINFORCEMENTS

Padding for the knees shall be accomplished with one layer of **Silizone**® foam, sandwiched between the outer shell and knee reinforcement.

_____Comply _____Exception

m. EXPANSION POCKETS

An expansion pocket, measuring approximately 2 inches deep by 10 inches wide by 10 inches high shall be double stitched to the side of each leg straddling the outseam above the knee and positioned to provide accessibility. *The lower half of each expansion pocket shall be reinforced with a layer of Kevlar® material on the inside.* Two rust resistant metal drain eyelets shall be installed on the underside of each expansion pocket to facilitate drainage of water. 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 ½ inch wider than the pocket. The pocket flaps shall be closed by means of FR Velcro® hook and loop fastener tape. Two pieces of 1½ inch by 3 inch FR Velcro® hook fastener tape shall be installed vertically on the inside of each pocket flap (one piece on each end). Two corresponding pieces of 1½ inch by 3 inch FR Velcro® 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.

_____Comply _____Exception

n. PANT CUFF REINFORCEMENTS

The cuff area of the pants shall be reinforced with gold Ara-Shield® material. The cuff reinforcements shall not be less than 2 inch in width and folded in half, approximately one half inside and one half outside the leg cuff for greater strength and abrasion resistance. The cuff reinforcement shall be double stitched to the end of the leg 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

o. PADDED RIP-CORD SUSPENDERS & ATTACHMENT

On the inside waistband shall be attachments for the standard "H" style "Padded Rip-Cord" suspenders. There will be four attachments total – 2 front, 2 back. The suspender attachments shall be constructed of a double layer of black aramid 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 will 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 will be padded for comfort by fully encasing the webbing with aramid batting and wrap-around black aramid.

The rear ends of the suspenders will 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 will 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 will 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 will then fold over and attach to themselves securing the suspender to the pants.

_____Comply _____Exception

p. AXTION® SEAT

The rise of the rear pant center back seam, from the top back of the waistband to where it intersects the inside leg seams at the crotch, shall exceed the rise at the front of the pant by 2½ inches. The longer rear center back seam provides added fullness to the seat area for extreme mobility without restriction when stepping up or crouching and will be graded to size. This feature in combination with other design elements will maintain alignment of the knee directly over the knee pads when kneeling and crawling.

_____Comply _____Exception

q. TAKE UP STRAPS SYSTEM

The pants shall be equipped with two take up straps. The straps shall be constructed of 1 inch wide black Aramid twill and be positioned in the waist area on the outside of the garment; one on each side. Each take up strap shall be comprised of two sub-component straps. The rear strap component shall be constructed of black twill Nomex®. The rear strap shall measure 1 inch wide and 4 inches long, folded back to form a loop, and shall be backtacked to the pants. The loop shall hold a high temp thermoplastic buckle. The buckle shall point toward the front. The front strap component shall measure 1 inch wide by approximately 9 inches long (finished dimension). One end shall be folded back on itself to form a loop. A high temp thermoplastic slide fastener shall be captured within the loop. The

front strap component shall be inserted through the buckle on the rear strap component, back through the slide fastener, and the end shall be backtacked to the pants. A pull-tab of 1 inch black Aramid twill shall be affixed to the slide fastener. The take up strap pull-tabs shall pull toward the front to allow for adjustment.

_____ Comply _____ Exception

r. REVERSE BOOT CUT

The outer shell pant leg cuffs will be constructed such that the back of the leg is approximately 1 inch shorter than the front. The liner will 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 will 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

s. WALLET POCKET

The pants shall be equipped with two wallet pockets, one on the right rear and one on the left rear. The wallet pockets shall measure approximately 5½ inches wide by 6½ inches high. The lower pocket corners shall be stitched in such a way that a small diagonal opening is left for complete water drainage. The lower half of the pocket shall be reinforced with an extra layer of outer shell material on the inside. The pocket flaps shall be constructed of two layers of outer shell material, rectangular in shape, and shall measure 3 inches high and ½ inch wider than the pocket. The pockets and pocket flaps shall be double stitched to the respective left and right back body panels with Nomex® thread. The pocket flaps shall be closed by means of FR Velcro® hook and loop fastener tape. A 1½ inch by 3 inch piece of FR Velcro® hook fastener tape shall be installed horizontally on the inside of the pocket flap near the center of the bottom of the flap. A corresponding piece of 1½ inch by 3 inch FR Velcro® 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.

_____ Comply _____ Exception

t. 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 label.

_____ Comply _____ Exception

u. LABELS

Appropriate warning label(s) shall be permanently affixed to each garment. Additionally, the label(s) 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

v. 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

w. 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

x. 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 will serve to void this support program.

_____ Comply _____ Exception

y. 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

z. 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 coat, pant and boots.

_____ Comply _____ Exception

aa. 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

bb. 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

cc. 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.

dd. COUNTRY OF ORIGIN

Jackets and Pants shall be manufactured in the United States

VII. CONTRACT TERMS

h. Period

- i. The contract is for 191 sets (Coats and Pants) of Firefighter Protective Clothing with a guaranty of price for eighteen (18) months from the date of contract award.

i. Subcontracts

- i. No portion of the work shall be subcontracted without prior written consent of the Manchester Fire Department. In the event that the Contractor desires to subcontract part of the work specified herein, the Contractor shall furnish the Manchester Fire Department with the names, qualifications and experience of the proposed subcontractors. The Contractor shall; however, remain fully liable and responsible for the work to be done by its' subcontractor(s) and shall assure compliance with all requirements of the contract.

j. Method of Payment

- i. Insert method here

k. Pricing

- i. During negotiations, review of Exceptions shall be completed and determination of acceptability shall be made. Examples of Criteria for such determination are:
 - 1. Cost increase/decrease.
 - 2. Effect on protective performance.
 - 3. Wear and durability increase/decrease.
 - 4. Compatibility with existing Firefighter Protective Clothing.
- ii. Proposal should include unit costs for:
 - 1. Firefighter Coat
 - 2. Firefighter Pants

VIII. SUBMITTALS

a. General

- i. RFP Response
 1. In order to be considered for selection, Offerors must submit a complete response to this RFP. One (1) original and one (1) copy of each proposal must be submitted. No other distribution of the proposal shall be made by the Offeror.
- ii. Proposal Preparation
 1. Proposals shall be signed by an authorized representative of the Offeror. All information requested should be submitted. Failure to submit all information requested may result in the purchasing agency requiring prompt submission of missing information and/or giving a lowered evaluation of the proposal. Proposals which are substantially incomplete or lack key information may be rejected by the purchasing agency. Mandatory requirements are those required by law or regulation or are such that they cannot be waived and are not subject to negotiation.

b. Documents to be Submitted

- i. Signed RFP document, including completed forms within the document
- ii. Responses to Questionnaire

IX. QUESTIONNAIRE

a. Responsiveness

- i. Provide a brief (not more than one standard typewritten page) summary of your understanding of your responsibilities should you be awarded this contract. Included should be a summary of the services you will provide, and examples of how you have been flexible in fulfilling similar client requirements.
- ii. Describe the process for sizing members and anticipated timeframe for delivery of product.
- iii. Relative to your firm's geographic location, how do you envision providing support to the Manchester Fire Department.

b. Responsibility

- i. Provide an organizational chart of you firm.
- ii. Has your firm, or any officer of your firm, been involved in any transaction in which the firm defaulted on a contract? If yes, explain.
- iii. Has your firm, or any officer of your firm, been involved in a contract canceled by the customer?
- iv. Has your firm, or any officer of your firm, been suspended or debarred by any government agency? If yes, explain.
- v. Describe the process by which problems are resolved with client organizations.

c. Experience

- i. How long have you/your firm been in practice, providing Firefighter Protective Clothing?
- ii. If not a manufacturer, how long have you been representing the manufacturer in this proposal?
- iii. Provide a listing of organizational references, including contact names and phone numbers, of clients for whom you have provided Firefighter Protective Clothing.
- iv. What experience do you have working with other local governments relative to these services?

d. Capability and Skill

- i. Describe the resources (equipment and staff,(number of support staff and their qualifications) and facilities) that are available to fulfill the requirements of this contract.
- ii. Identify all tasks/work that will be subcontracted.

e. Price Proposal

- i. Provide a pricing proposal for the Firefighter Protective Clothing to be provided.

f. Other Information

- i. If there is any additional information that a proposer wishes the Manchester Fire Department to consider when evaluating the proposal that has not been covered by responding to the above questions that information may be provided here.

X. STATEMENT OF COMPLIANCE/DEVIATIONS

In the space below, Offeror must identify any and all deviations from the requirement as state herein. Notations elsewhere in the proposal may not be considered or result in a determination of your proposal being non-responsive.

Evaluation Criteria

Evaluation of the firms responding shall be assessed upon the following criteria which are listed in **Order of Importance**:

- Responsiveness - The degree to which the Offeror has responded to the purpose and scope of specifications, flexibility of the Offeror to meet the Manchester Fire Department's needs, conformance in all material respects to this Request for Proposal, etc.
- Suitability - The suitability of the proposal to fulfill the City's requirements.
- Responsibility – The Offeror who has the capability, in all respects, to perform fully the contract requirements and the moral and business integrity and reliability which will assure good faith performance as required by these specifications.
- Experience – Offeror's experience in providing the services as requested in these specifications.
- Capability and Skill - Offeror's capability, flexibility and skill to perform the services stated in these specifications.
- Price Proposal – Provide all cost's associated with the purchase of Firefighter Protective Clothing.
- Reference – References who are familiar with your ability to provide the services in these specifications.

Method of Evaluation

- Selection – Proposals will be evaluated and interviews scheduled with selected firms in accordance with the “other than professional services” method of selection for services outlined in the City of Manchester Procurement Code.
- Procedures usually followed are:
 - Select and interview two or more Offerors deemed fully qualified among those submitting proposals.
 - Negotiations shall be conducted with each of the Offerors selected. Price shall be considered, but need not be the sole determining factor.
 - After negotiations have been conducted with each Offeror selected, the purchasing agent or his designated representative shall select the Offeror which, in his opinion, has made the best proposal and a contract shall be awarded to that Offeror.

Note: Should the Purchasing Agent determine, in writing and in his sole discretion, that only one Offeror is fully qualified, or that one Offeror is clearly more highly qualified than the others under consideration, a contract may be negotiated and awarded to that Offeror.

From the time the proposal is first advertised to the time a contract is signed, all Offerors or contents of any proposal shall be kept confidential.

Award

Award will be made in accordance with the City of Manchester, NH Procurement Code. Award shall be made to the responsible Offeror whose proposal is determined in writing to be the most advantageous to the City taking into consideration price and the evaluation factors set forth in the request for proposal. No other factors or criteria shall be used in the evaluation. The contract file shall contain the basis on which the award is made. When the terms and conditions for multiple awards are provided in the Request for Proposal, awards may be made to more than one Offeror.

The City reserves the right to accept or reject any or all proposals in whole or in part and to waive any informalities in the **RFP**. Further, the City reserves the right to enter into a contract deemed to be in **its best interest**. Upon making an award, the City will place appropriate notice in accordance with the City of Manchester purchasing code. Notice of award may also appear on the Purchasing web site:

<http://www.manchesternh.gov/>

Silence of Specifications

The apparent silence of these specifications and any supplemental specifications as to any detail or the omission from the specifications of a detailed description concerning any point shall be regarded as meaning only that the best commercial practices are to prevail and correct type, size and design are to be used. All interpretations of these specifications shall be made on the basis of this statement.

Debriefing

Upon issuance of an award, the entire proposal file shall become public information and can be reviewed in the Manchester Fire Department to observe the basis of the award.

Questions

All questions of a procedural nature shall be directed to the contact on the front of this document. Questions of a technical nature shall be submitted ***not later than five (5) business days prior to the due date in writing*** by facsimile (FAX (603) 669-7707), or by email to: rfield@manchesternh.gov.