



City of Conway – Mayor’s Office
1201 Oak Street
Conway Arkansas 72034
(501) 450-6110
www.cityofconway.org



Invitation and Bid - 2009-11

INVITATION
TO THE VENDOR ADDRESSED:

Bidders are invited to furnish the items listed herein in accordance with the terms and conditions attached. **Sealed** bids must be in Office of the Mayor no later than **10 am, Thursday, January 29th, 2009** **at** which time all bids will be opened and read in the Downstairs Conference Room in City Hall. Successful bidders will receive purchase order, if necessary **within 30 days after the City Council approval. Unsigned bids will be rejected.**

City of Conway Fire Department
Turnout Gear Bid Specifications

You are invited to submit a bid to supply the Goods and/or Services specified above. Bids must be made in accordance with the Forms and Instructions.

Enclosed with this Bid Packet are the following Forms and Instructions:

Use this checklist to ensure you have properly completed all Forms. You must return the complete Bid Packet.

- | | |
|---|--|
| <input type="checkbox"/> Scope and Bidder Instructions | <input type="checkbox"/> Annual Price Adjustment |
| <input type="checkbox"/> Protective Clothing Specifications | <input type="checkbox"/> Authorized Signature |
| <input type="checkbox"/> Pricing and Delivery | <input type="checkbox"/> Terms and Conditions |

Additional Information

- The bidder shall include all charges, including taxes, fees, shipping (if applicable)
- The bidder needs to include an anticipated delivery date. (if applicable)
- Bid prices shall be firm for 90 days after the bid opening date.

In submitting this bid, it is understood by the undersigned bidder that the right is reserved by the City of Conway to reject any and all bids:

Contact Information: Amanda Swofford / amada.swofford@cityofconway.org

Telephone: (501) 450-6148 Fax: (501) 450-6149

Bid Specifications can be obtained at www.cityofconway.org

Scope

This fire department is looking to purchase protective clothing "Bunker Gear" for all its members. The intent is to obtain a product that best meets with the interests of the fire department. Lightness and mobility from a design and materials perspective, along with the reduction of heat stress are primary issues. It is understood that the fire department reserves the right to purchase what is deemed to be in the best interest of all its members.

Bidder Instructions

Bidders shall clearly indicate in his bid, whether he is in compliance or is taking exception to the specifications by placing an "X" in the appropriate "Comply" or "Exception" box after each section. Each section where the bidder fails to indicate compliance or not will automatically be counted as an exception. The bidder, if taking exceptions, shall respond with a full written explanation as to why he is taking exception along with the details of his proposed solution on a separate sheet of paper.

General Requirements

Contract

Contract length must be a 36 month contract. Please refer to the Annual Price Adjustment sheet for further information.

_____COMPLY

_____EXCEPTION

Standard

All garments shall meet or exceed the requirements of NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting 2007 Edition.

_____COMPLY

_____EXCEPTION

Stitching and seams

Unless specified otherwise, all Major A seams (outer shell body seams) shall be at least double-needle stitched, using one or a combination of the following stitch types: 301, 401, 504, and 516. All Major B seams (moisture barrier and thermal liner seams) shall be stitched using stitch type 516. In addition, moisture barrier seams shall be heat and pressure sealed with a 1" wide sealing tape for protection against liquid penetration. All stress points such as pockets, flaps, zippers, storm flap, and tabs shall be bar-tacked for reinforcement using no more than 28 stitches over 5/8" to prevent damage to the material.

All seams shall use Nomex thread only. There shall not be any skipped stitches, broken threads or visible tucks. If there are any broken threads, they are to be repaired from the same needle holes. Thread tension shall be constant throughout. The seam shall be taut and without balls of thread. Stitches per inch shall be as follows so that the needle perforations do not affect the more susceptible materials: 6 ± 1 for liner topstitching and padding; 7 ± 1 for trim; and 8 ± 1 for other stitches including feed-off and overlock. Backtacks shall be used on all lock stitches and shall have a minimum of 3 and a maximum of 4 stitches. All pockets and reflective trim shall be lock-stitched to the body of the garment. All hook and loop fasteners shall be lock-stitched. Hook and loop fastener strips of 4" and less in length (pocket closures, throat tab) shall be attached with a box & cross stitch pattern.

_____COMPLY

_____EXCEPTION

Quality Assurance program

The turnout gear manufacturer must have a quality system in place that is in compliance with ISO 9001. The manufacturer must supply, with his bid, a copy of a "Certificate of Registration" showing proof of compliance.

_____COMPLY

_____EXCEPTION

Packaging

Each garment shall be packed in an individual bag. This bag shall offer UV protection on one side to protect stored garments and a clear, see through side, to permit quick visual review of the content. The FEMSA Official User Guide shall be included in all the individual bags so the firefighter assigned the new gear can read all relative information on the protective apparel.

_____ COMPLY

_____ EXCEPTION

NFPA 1851 compliance program

The turnout gear manufacturer must have a program in place to help the department comply with NFPA 1851, Standard on Selection, Care and Maintenance. This program shall be web-based, to allow authorized users to log on from any computer with Internet access. Level of access to information shall be determined by secured passwords given by officers of the fire department. This program shall be used to keep up-to-date records on all items covered by NFPA 1851, including but not limited to coats, pants, helmets, hoods, gloves and boots. As well, this program shall include a task schedule for upcoming mandatory cleanings and inspections in compliance to NFPA 1851. The task schedule shall have filtering capabilities to allow users to view only the information they need. The program shall have the capability to upload internal documents pertaining to maintenance, cleanings and inspections, to share within the fire department. The program shall have a discussion forum available to submit inquiries and to discuss firefighting topics with firefighters from other departments. The program shall also have the possibility of placing online orders for the duration of the contract period.

_____ COMPLY

_____ EXCEPTION

MATERIALS

Outer Shell

The outer shell shall be constructed of PBI/Kevlar 40/60 blend, ripstop weave fabric, (i.e., PBI Gold with Matrix Technology) with a Teflon finish. The outer shell shall have a total weight of approximately 7.4 oz/yd².

The outer shell color shall be natural (gold)

_____ COMPLY

_____ EXCEPTION

Moisture Barrier

The moisture barrier shall be constructed of an ePTFE film laminated to non-woven substrate (i.e., GORE RT7100 Moisture Barrier). The moisture barrier shall have a total weight of approximately 4.6 oz/yd².

All components of the moisture barrier used in the garments shall be cut at the same time and from the same lot number to insure consistent quality. All components of the moisture barrier used in the garments shall be of the same type, as specified above, throughout the garments, except for neoprene coated materials used to protect the elbows from compression and steam burns. There shall not be any pre-cut or pre-assembled parts used in the garments.

_____ COMPLY

_____ EXCEPTION

Thermal Liner

The thermal liner shall be constructed of a 100% aramid batting quilted with Nomex thread to a slick Nomex twill face cloth constructed from filament and spun yarns (i.e., Glide). The thermal liner shall have with a total weight of approximately 7.5 oz/yd².

_____ COMPLY

_____ EXCEPTION

Composites

Thermal liner shall be 100% Aramid. Foam in the thermal liner is considered not acceptable by the fire department.

_____ COMPLY

_____ EXCEPTION

COAT CONSTRUCTION

Note: All the dimensions in the specification are based on a regular coat, size 46" chest; they may vary for other sizes according to grading.

Body

The body of the coat shell shall be constructed of five separate body panels consisting of two front panels, two side panels and one back panel. The coat shall be available in both men's and women's patterns. The coat shall be available in three different lengths to ensure sufficient overlap of coat and pant depending on height of the firefighters.

- Short, which is 31-½" in length (men's) or 29-½" in length (women's) when measuring from collar seam to hem (for firefighter 5'6" and less). Women's short coat is only available with zipper closure system.
- Regular, which is 33-½" in length (men's) or 31-½" in length (women's) when measuring from collar seam to hem.
- Tall, which is 35-½" in length (men's) or 33-½" in length (women's) when measuring from collar seam to hem (for firefighters over 6'-1").

The bottom front of the coat shall be raised 4" to prevent filled pockets from impeding bending and general movement. The bottom design of the coat shall be tapered downward to the rear to accommodate deep pockets on the rear side. The tapered-down design shall insure the pockets are set lower as to not interfere with the waist straps from the breathing apparatus and maintain pocket flaps just below the straps for uninterrupted access.

The coats shall be available in 2" chest increments from 34" through 64" (woman's coat available in 26" to 56"). Sleeve length shall be available in multiple lengths from extra short to extra long and graded according to size.

_____ COMPLY

_____ EXCEPTION

Sleeves and Cuffs

The sleeves shall be constructed of a 3-piece, set-in, ergonomic design such that the joining seams do not obstruct the movement of the shoulders and arms. The elbow area shall have a layer of fire resistant neoprene coated fabric sewn between the thermal liner and the moisture barrier for additional protection against steam burns.

The sleeve ends shall be reinforced at the cuffs with a 2" wide band (1" finished) of outer shell fabric double lock-stitched to the cuff.

Four aramid tabs 1.5" long with female glove snap fasteners shall be sewn on the knit wristlet at the edge of the waterwell for attachment of the liner. The four female glove snaps shall engage their four male counterparts on the sleeve liner. This configuration will limit the retraction of the liner, thus reducing the risk of injury.

_____ COMPLY

_____ EXCEPTION

Wristlets and Waterwells

The inside of the sleeve ends shall terminate in a double thickness knit wristlet. These wristlets shall be sewn to a waterwell approximately 3" in length forming a water barrier between the wristlet and the sleeve. This water barrier shall be lock-stitched to the outer shell fabric and lock-stitched at the cuff. The wristlets and waterwells configuration shall prevent water and debris from entering between the outer shell and the liner when the arms are raised.

The wristlet shall be made of double thickness Nomex knit, finished length of approximately 3¼", sewn to a 2-layer waterwell constructed of 3.2 oz./ y² black Nomex water repellent facecloth and 5.0 oz./y² CROSSTECH on Nomex pajama check.

Thumb Loops

There shall be a ½" wide by 7½" long Nomex IIIA band, bar tacked to the knitted wristlet, leaving a 2½" folded loop for the thumb to pass through.

Four aramid tabs 1.5" long with female glove snap fasteners shall be sewn on the knit wristlet at the edge of the waterwell for attachment of the liner. The four female glove snaps shall engage their four male counterparts on the sleeve liner. This configuration will limit the retraction of the liner, thus reducing the risk of injury.

_____ COMPLY

_____ EXCEPTION

Front Closure/Storm Flap

The front closure shall consist of a storm flap measuring 4-1/2" by 21-3/8". It shall be constructed of two plies of outer shell material sandwiching a center ply of moisture barrier material. The ply of moisture barrier shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the coat for continuous protection throughout.

Four (4) hook and dee rings riveted to the coat. The hook rivets shall be reinforced with Hypalon-coated Kevlar washers placed on the inside. The outside coat closure shall be by means of a 1-1/2" hook and loop fastener covered by the storm flap. The hook fastener shall be lock stitched to the outside of the front right body panel and the loop fastener shall be on the inside of the front left body panel. A glove snap shall be located in the middle of the hook and loop fastener for proper alignment.

The storm flap shall have an integrated extension at the top insuring that there is no gap in protection. The storm flap extension shall be a contoured continuation of the storm flap and constructed of two layers of outer shell sandwiching a layer of moisture barrier. The ply of moisture barrier shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the coat for continuous protection throughout. The storm flap extension shall measure not less than 10" wide by 3" high.

The storm flap extension shall be secured to the collar, and shall be adjustable in the horizontal and vertical planes, by means of a 2" x 2" strip of loop fastener attached to the inside of each wing of the storm flap extension. The storm flap extension right wing shall have a 2" x 1" strip of hook fastener sewn to the inside so that the storm flap extension left wing may be folded under and attached to the strip of hook fastener on the right wing in the stowed position.

_____ COMPLY

_____ EXCEPTION

Collar

The 4" high collar shall be of four-layer construction including a ply of moisture barrier and a ply of thermal barrier material sandwiched between two plies of outer shell. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the coat for continuous protection throughout. A 2" by 3" strip of hook fastener shall be sewn to each side of the collar for attachment and adjustment of the storm flap extension throat protector. The moisture barrier section shall continue 3" below the neckline and shall be seam sealed at the neckline.

_____COMPLY

_____EXCEPTION

Drag Rescue Device (DRD)

All coats shall be equipped with a deployable Drag Rescue Device that is built within the outer shell and liner, to help in various rescue situations such as dragging or moving incapacitated firefighters to safety. The device shall consist of 1½ " Kevlar webbing strap appropriately placed between the liner and the outer shell. The webbing strap shall be longer than 100" and graded to size. The webbing strap shall form a loop around the shoulders and exit the coat above the collar seam, so as to not interfere with SCBA straps or units. The handle of the harness shall be located outside of the garment, and shall remain hidden under a tapered flap of outer shell material when not in use. The letters DRD shall be applied and lock stitched to the flap using stitch type 301 to allow easy identification in low light conditions. The stitched overlapped ends of the Kevlar webbing shall be tested for 2500 lbf strength, per ASTM D 6775.

This device is not intended for a vertical or suspended rescue.

_____COMPLY

_____EXCEPTION

Back and shoulders

The back panel shall be tapered down, not less than 4", providing a tailored fit without reducing range of motion.

There shall be a contoured padding of one layer of Ara-Fill, sewn between the moisture barrier and the thermal liner at the top of the shoulder to enhance thermal insulation, protect against compression of materials, as well as to reduce steam burns due to heat transfer

_____COMPLY

_____EXCEPTION

Pockets

There shall be one inside pocket measuring 9" by 8½" with pencil slot on the left interior side of the liner. The pocket shall be constructed of a black Nomex IIIA facecloth 3.2 oz/yd².

The bottom front of the coat shall be raised 4" to prevent filled pockets from impeding bending and general movement. The bottom design of the coat shall be tapered downward to the rear to accommodate deep pockets on the rear side. The tapered-down design shall insure the pockets are set lower as to not interfere with the waist straps from the breathing apparatus and maintain pocket flaps just below the straps for uninterrupted access.

The pockets shall be integrated in the left and right side panels. The pockets shall consist of a Kevlar panel sewn to the underside of the bottom of the outer shell. The pockets shall be graded to size and shall measure not less than 9-¼" wide x 9-¼" high at the back. The pockets shall be accessed through a horizontal opening in the side panel seam. A flap measuring 8-½" shall cover the pocket opening. Two

strips of hook fastener on the pocket and two strips of loop fastener on the pocket flap shall secure the pocket flap. The pockets shall have an expansion pleat measuring not less than 2" wide by 2" deep in the center of the pocket opening.

_____ COMPLY

_____ EXCEPTION

Liner assembly

All moisture barrier seams shall be stitched with a safety stitch # 516 and sealed on the breathable membrane side of the moisture barrier with a minimum 1" wide seam-sealing tape to prevent moisture penetration. The tape shall be applied under pressure by a hot air seam-sealing machine designed for that purpose. All thermal liner seams shall be sewn with a safety stitch # 516.

A single layer of contoured Ara-Fill padding at the top of the shoulder shall be sewn to the thermal liner material only with the film oriented toward the thermal liner. The stitching shall not penetrate the moisture barrier fabric.

The moisture barrier shall be sewn to the thermal liner at its perimeter with the inside facing out with a lock stitch # 301. It shall then be turned so that the right side faces out and the breathable membrane side of the moisture barrier is oriented toward the quilt batting on the inside of the thermal liner. It shall then be top stitched with a second row of lock stitch # 301 around the entire perimeter.

The use of fire resistant neoprene coated fabric tape is not an acceptable method of joining the moisture barrier and thermal liner at the edges since it adds weight, gets used faster and is more difficult to repair.

_____ COMPLY

_____ EXCEPTION

Liner attachment

The moisture barrier and thermal liner shall extend to the front facings of the outer shell and shall be secured thereto with a # 5 black Nylon zipper on Nomex tape, approximately 65" long and graded according to size. The zipper shall start from the bottom of the right body panel and end at the bottom of the left body panel. A flap made of the specified moisture barrier and thermal liner shall cover the zipper. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the coat for continuous protection throughout. A single 3" tab of outer shell fabric shall be located in the center of the back at the hem to insure the bottom of the liner does not retract.

The use of multiple zippers or glove snaps to secure the liner to the outer shell left and right body panels shall not be acceptable.

_____ COMPLY

_____ EXCEPTION

Hanger Loop

A hanger loop measuring approximately ½" by 3" shall be sewn inside the collar, approximately one inch from the top.

_____ COMPLY

_____ EXCEPTION

COAT OPTIONS

Radio Pockets

The radio pocket shall be rectangular measuring 7-1/2" x 3-1/2" x 2". It shall have a flap measuring 4-1/2" x 3-3/4" wide with a 2" x 2" hook fastener on the pocket and a 2" x 2" loop on the flap for adjustment. The top of the flap shall be sewn approximately 1" above the radio pocket. The radio pocket shall be equipped with one grommet for drainage. The lower 5" of the radio pocket shall be reinforced with an extra layer of outer shell fabric.

The radio pocket shall be sewn to the Left Chest

_____COMPLY

_____EXCEPTION

Hand Warmer Pockets

There shall be a patch pocket sewn to the outside outershell panel of the regular coat pocket. The patch pocket shall be made of the specified outer shell, lined with the specified moisture barrier and a Nomex fleece weighing approximately 6.0 oz/yd².

_____COMPLY

_____EXCEPTION

ACCESSORIES

Flashlight Loop with utility strap

The flashlight loop shall be made of double layer of outer shell fabric 2" x 2" wide and shall be equipped with a Nomex webbing utility strap 12" long by 1" wide, box & cross stitched below the loop. The strap shall be secured with a 6" x 1" loop fastener on the right side matching a 2" x 1" hook fastener on the left side.

The flashlight loop shall be sewn to the Right Chest

_____COMPLY

_____EXCEPTION

Letters and/or numbers

Reflective letters and/or numbers shall be available to permit identification on each garment. The letters and/or numbers shall be arranged as follows.

Letters and numbers used shall consist of 3 inch lime-yellow Scotchlite.

The following letters and/or numbers shall be heat applied and sewn to the name placard Fire Fighters last name

_____COMPLY

_____EXCEPTION

Staggered Wrist Trim

The wrist trim shall be sewn in a staggered 360-degree visibility pattern. The lower edge of the upper trim piece shall not be higher than the upper edge of the lower trim piece.

_____ COMPLY

_____ EXCEPTION

Double Trim Stitching

The reflective trim shall be sewn with two rows of lock stitching on each side

_____ COMPLY

_____ EXCEPTION

Inspection port

The coat shall have an inspection port to permit visual inspection of the moisture barrier film and thermal liner substrate without the need to undo seams. . The inspection port shall consist of an opening in the thermal liner bottom of coat seam, closed with a zipper.

_____ COMPLY

_____ EXCEPTION

Thermal Enhancement

The outer shell shall incorporate a Thermal Enhancement System (TES). It shall consist of a single layer of Nomex mesh sewn on the inside of the outer shell of the coat at the edge of the left and right body panels, neckline and sleeve cuff seams. The Thermal Enhancement System (TES) shall aid in ventilation, moisture vapor transmission and increase thermal protection in the upper torso, shoulders and arms during high thermal loading.

_____ COMPLY

_____ EXCEPTION

Name Patches**Removable name patch 4 "X 19 1/2"**

The removable name patch shall be made of outer shell fabric 4 "X 19 1/2" long attached to the bottom of the coat with hook and fastener and snaps. The name patch shall have capacity for eight 2" letters or six 3" letters on one line.

The name patch shall be located on the bottom of the coat.

_____ COMPLY

_____ EXCEPTION

PANT CONSTRUCTION

Note: All dimensions in the specification are based on a regular pant are graded according to size.

Body

The construction of the pant shall consist of six back panels, two upper front leg panels and two lower front leg panels joined by outseams and inseams. This design applies to all layers of the garment. The front panels are shaped in such a manner that an extra 1-1/2" wide curve is added at the knee area for superior flexibility. The knee area of each leg shall have two pleats on each side on the outer shell and one pleat on each side on the moisture barrier and thermal liner. The pant shall be a bunker pant design with approximately a 14" rise (crotch seam to waist) in the front and a 18" rise in the back. The pant shall be available in both men's and women's patterns.

The pants shall be available in 2" waist increments from 28" through 58" (26" through 58" in woman's pants). The pants shall be available in 2" inseam increments from 24" through 38" (24" through 36" in woman's pants).

_____ COMPLY

_____ EXCEPTION

Fly front and liner attachment

A separate fly flap measuring 2-½" wide and 8-½" long shall be sewn to left side of the fly. The fly flap shall be constructed of a ply of outer shell material, a ply of a moisture barrier, and a ply of thermal liner material. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the pant for continuous protection throughout.

An additional layer of thermal and moisture barrier 3" wide and 8-½" long shall be added to the underside of the outer shell material to the left of the fly to insure continuity of protection. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the pant for continuous protection.

The primary closure shall consist of a hook & dee ring riveted to the pant at the waistline. The hook rivets shall be reinforced with Hypalon-coated Kevlar washers. The secondary closure shall consist of a 1-½" wide by 7" long hook and loop fastener to secure the fly.

To prevent accidentally detaching the liner when donning the pants the liner shall be positively attached to the outer shell at the waist by means of a #5 Nylon zipper on Nomex tape. This zipper shall be covered by a 2-½" wide flap of thermal barrier and moisture barrier material, double-needle lock stitched to the waist of the pants. Five snaps shall secure the waistband to the liner. The use of multiple snaps as the only positive attachment of the liner to the outer shell shall not be acceptable.

The moisture barrier and thermal liner shall be completely detachable from the outer shell for ease of cleaning.

_____ COMPLY

_____ EXCEPTION

Pockets

There shall be two full bellow pockets, 10" x 10" with a 2" deep bellow and a 4" x 10¼" flap. The pant pockets shall be sewn over the side seams at the thighs. The flap shall be secured by two 2" x 2" strips of hook fastener on the pocket and by two 2" x 2" strips of loop fastener under the flap. Each pocket shall be equipped with two drainage grommets. Each pocket shall be bar tacked for added strength.

The lower portion of the pockets shall be reinforced on the inside with a Kevlar pouch equipped with two grommets for drainage. The pouch shall cover all sides of the pocket up to 5" from the bottom.

(Women's pants have the lower 5" of the pocket and gusset reinforced with a layer of Kevlar)

_____ COMPLY

_____ EXCEPTION

Side pull tabs

Waist adjustment shall be assured by means of side-pull-tabs constructed of a 1" by 11" long strap of Nomex webbing with a 1" self-locking NFPA compliant buckle on each side of the waist. These side pull-tabs shall be box & cross stitched to the outer shell.

_____ COMPLY

_____ EXCEPTION

Legs and Cuffs

Two aramid tabs with female glove snap fasteners shall be stitched to the inside of the outer shell near the cuffs as attachment of the liner.

The outer shell shall be reinforced at the cuffs with a 2" wide band (1" finished) of outer shell fabric double lock-stitched to the cuff.

There shall also be two extra layers of Ara-Fill sewn between the thermal barrier and moisture barrier at the knee area, to enhance thermal insulation, to guard against compression of materials, as well as to reduce steam burns due to heat transfer.

The bottom 4" of the liner shall be lined on the inside with fire resistant neoprene coated fabric to prevent wicking up the thermal liner.

_____ COMPLY

_____ EXCEPTION

Liner assembly

All moisture barrier seams shall be stitched with a safety stitch # 516 and sealed on the breathable membrane side of the moisture barrier with a minimum 1" wide seam-sealing tape to prevent moisture penetration. The tape shall be applied under pressure by a hot air seam-sealing machine designed for that purpose. All thermal liner seams shall be sewn with a safety stitch # 516.

Two layer of Ara-Fill Knee padding shall be sewn to the thermal liner material only with the film oriented toward the thermal liner. The stitching shall not penetrate the moisture barrier fabric.

The moisture barrier shall be sewn to the thermal liner at its perimeter with the inside facing out with a lock stitch # 301. It shall then be turned so that the right side faces out and the breathable membrane

side of the moisture barrier is oriented toward the quilt batting on the inside of the thermal liner. It shall then be top stitched with a second row of lock stitch # 301 around the entire perimeter.

The use of fire resistant neoprene coated fabric tape is not an acceptable method of joining the moisture barrier and thermal liner at the edges since it adds weight, gets used faster and is more difficult to repair.

_____COMPLY

_____EXCEPTION

Retro-reflective fluorescent trim

The trim shall consist of a single band of retro-reflective trim lock-stitched using stitch type 301 around the lower pant leg. The trim shall be lock-stitched to the pant at the edge of the trim. A laser alignment system shall be used to insure the reflective trim is consistently positioned and that both ends of the trim are aligned when sewn around the pant leg.

The trim type shall consist of Scotchlite triple trim, 3 inch wide, yellow/silver/yellow.

_____COMPLY

_____EXCEPTION

Labeling

All pants shall bear a label stating the following:

- Name and address of the manufacturer
- Date of manufacture
- Size
- Care instructions
- Materials used in the construction of the garment
- Proof of certification to the latest edition of the applicable standard
- FEMSA warning
- Unique serial number
- Bar coded unique serial number
- Order number

_____COMPLY

_____EXCEPTION

PANT OPTIONS

SUSPENDERS

The pants shall be equipped with super-heavy-duty removable suspenders. These suspenders shall consist of 2" wide red cotton webbing in the front and upper back and 2" wide by 9" long elastic straps at the lower back. A 2" wide by 5" long piece of elastic strapping shall form an "H" at the back of the suspenders.

The suspenders shall be attached to the front of the pants by two quick release male buckles for quick removal and attachment. The female buckle of the suspender shall be attached to the waist of the front of the pant with a lock-stitched and bar-tacked loop of black Nomex webbing. The back of the

Trim on suspenders

The front and upper back of the suspenders shall have a band of 2" wide Scotchlite Triple Trim. The trim shall be lock stitched with Nomex thread.

The trim color shall be yellow/silver/yellow.

The suspenders shall be equipped with a 2" x 4" hook and loop fastener, which shall pass through slider buckles attached at the waist of the pant with lock-stitched and bar-tacked black Nomex webbing. Adjustment of the suspenders shall be made by pulling downward on a loop attached to the webbing for tightening or by releasing the quick-adjust buckle for loosening.

Suspenders shall be available in short (for firefighters 5'6" and under), regular and tall (over 6'1").

_____COMPLY

_____EXCEPTION

Advanced Foam Technology Padding for Suspenders

The suspenders shall have two layers of foam padding sewn underneath the suspender strap at the shoulder area. The foam padding shall be lock stitched with Nomex thread.

_____COMPLY

_____EXCEPTION

Extra Knee Padding

The knees shall be padded with two layers of thermal barrier material, lock stitched between the thermal barrier and moisture barrier.

_____COMPLY

_____EXCEPTION

ACCESSORIES**Boot cut**

The bottom of the pants' leg shall be 1" shorter in the back in order to improve the fit over the firefighter's boots.

_____ COMPLY _____ EXCEPTION

Inspection port

The pant shall have an inspection port to permit visual inspection of the moisture barrier film and thermal liner substrate without the need to undo seams. The inspection port shall consist of an opening in the thermal liner outseam of the left leg, closed with a zipper fastener.

_____ COMPLY _____ EXCEPTION

Double Trim Stitching

The reflective trim shall be sewn with two rows of lock stitching on each side

_____ COMPLY _____ EXCEPTION

REINFORCEMENT**Knee Reinforcement**

The knee reinforcements shall be constructed of a rectangular piece of Hypalon-coated Kevlar measuring 13" high by 9" wide, and sewn onto the knee area of the outer shell.

_____ COMPLY _____ EXCEPTION

Lower 5" Pocket Reinforcement

The lower 5" of the 10" x 10" pant pockets shall be reinforced on the inside with a layer of Kevlar.

_____ COMPLY _____ EXCEPTION

DELIVERY AND PRICING

Delivery

If your Bid is accepted and a contract is executed state the number of weeks you need to deliver the Goods and/or Services.

_____ **Number of weeks for delivery**

You must be able to deliver the Goods and/or Services as specified above. Failure to do so may result in the City terminating your contract.

Pricing

<u>Description</u>	<u>Cost</u>
Turnout Set (Coat, Pants and Suspenders)	_____ per set
Standard Delivery Cost	_____
Rush Delivery Cost (72 hour turn around)	_____ % increase

Annual Price Adjustment.

The prices bid for any Goods and/or Services shall not increase during the initial term of the contract. However, if you anticipate that you will not be able to maintain firm prices for any renewal period, a change in price **will be considered** if the following conditions are met:

- a) You must limit any increase to **one** of the following (indicate your choice*):
- a. the change in the Consumer Price Index from BLS Table 1(web link below) from the prior year, as measured by the change in the CPI-U between the most recent month available and that same month in the prior year ____ (place an "X" here if this is your choice)
 - b. a fixed percentage you specify ____%
- b) You must notify City, in writing, no later than 90 days before the initial contract period ends, or any renewal period ends, of your intent to exercise the price choice in your bid. **Failure to so notify City will result in City denying any price increases.** In no event can the proposed price change exceed that possible under the choice in your bid. Your notice can be sent by certified mail, fax or email.
- c) **You must certify at renewal that the prices you are requesting from the City, are as favorable as the prices you are charging your other customers which purchase similar quantities, and types of goods and services. **Any increase requested at renewal will be considered in the City's decision whether to renew, or re-bid, the contract.**

Note: * Any price increase you choose will be considered in the evaluation of your bid. If you choose the CPI-U, the annual increase used for evaluation will be assumed to equal the change in the CPI-U for the prior year, as described above.

City of Conway Fire Department
Turnout Gear Bid
Bid Number: 2009-11
Bid Opening Date: Thursday, January 29th, 2009
City Hall - Downstairs Conference Room

Unsigned bids will be rejected:

Authorized Agent Bidding on this project:

Company Name

Company Representative Name

Representative's Signature

Address Email Address

City State Zip

Telephone Number Fax Number

Date

Bid Specifications can be obtained at www.cityofconway.org

City of Conway**TERMS AND CONDITIONS****Important – Read Carefully**

By Submission of bid, bidder certifies that he has read all terms and conditions and that bid is submitted in accordance therewith.

1. Prices quoted will be considered to be net prices unless otherwise stated by the bidder. Cash discounts requiring payments in less than 30 days will not be considered in making awards.
2. Prices quoted shall be FOB Conway unless otherwise specifically stated on proposal. In either case, delivery charges must be prepaid.
3. All fees and taxes shall be included in prices quoted.
4. Bidder certifies that he will make delivery of items for which he bids within 10 days after receipt of award – unless otherwise specifically stated. Time of delivery in excess of 10 days may be considered a factor in making awards.
5. In case of default of contractor in making deliveries as per contract, the City may procure the articles or services from other sources and hold the contractor responsible for all excess costs occasioned thereby. Bidder's record as to satisfactory performance under previous contracts will be considered a factor in making awards and retention on bid lists.
6. The City reserves the right to reject any or all bids, in part or in whole and to waive information in bids received.
7. If not otherwise specified, bidder must furnish brand names with catalog number, if any, on items which are offered as "equal." In all such cases the burden of establishing equality is upon the bidder and failure to do so within a reasonable time may result in rejection. Alternative bids will not be considered unless no other type bid for the item is received.
8. In the case of equal or tie bids, preference will be given to Arkansas bidders. Other than as stated in the first sentence, awards on tie bids will be made at the discretion of the purchasing official. In such cases, "splitting" will be avoided and awards of previous contract(s) to one or more of the bidders will not be a factor.
9. In the event that bidder is unable to furnish all of an item, bids on portions thereof may be considered.
10. Final inspections and acceptance or rejection will be made after delivery. Items rejected because of non-conformance shall be removed and replaced immediately with those which meet specifications, all at the expense of the contractor. In the event that necessity requires the use of non-conforming items, payment therefore will be made at a proper reduction in price which shall be not greater than contractor's actual cost by purchase, fabrication, manufacture or other production method plus transportation paid to carriers. All costs in connection with testing items that do not meet specifications shall be paid by contractor.

11. Quality, time of performance, probability of performance, and location of bidder will be factors in awards of all contracts.
12. The City reserves the right to purchase any, all or none of the items listed, in combinations thereof that may be in the best interest of the City of Conway.
13. The City reserves the right to change any specifications, terms and/or conditions at any time, with adequate notice in writing to bid invitees of those changes, if any.
14. The City is qualified for "GSA" pricing schedules, if available and applicable.
15. The City reserves the right to waive any informalities or minor defects, but this shall not be construed to indicate waiver of any specification, term and/or condition unless in the best interest of the City in the judgment of the City.
16. **CONSTRUCTION/INSTALLATION:** Any construction work that is worth \$20,000 or more must comply with Arkansas Code Annotated § 22-9-204.
17. **PROHIBITED INTEREST CONDITION:** No official of the City authorized on behalf of the City to specify, plan, design, negotiate, make, accept or approve, or take part in specifying, planning, negotiating, making, accepting or approving any construction or material purchase contract or any subcontract in connection with any purchase made by the City of Conway shall become directly or indirectly interested personally in the purchase in the purchase or any part thereof.
18. **EQUAL OPPORTUNITY IN EMPLOYMENT:** All qualified bidders will receive consideration without regard to race, color, religion, sex, age, disability or national origin.