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MAYOR

CITY OF BIRMINGHAM

FINANCE DEPARTMENT

PURCHASING DIVISION

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RON NICKEL
PURCHASING AGENT

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ASSISTANT PURCHASING AGENT

June 9, 2011

INVITATION TO BID # 11-26

Sealed bids for firefighter turnout gear for a period of one (1) year with month to month extensions thereafter upon mutual consent of both parties will be received by the Purchasing Agent, P-100 First Floor City Hall, Birmingham, Alabama until 2:00 p.m., June 28, 2011, at which time and place they will be publicly opened and read.

Bidders wishing to bid can download the complete solicitation including the specifications and bid form via the internet at www.birminghamal.gov (go to the link titled Bidding Opportunities), or by visiting the Purchasing Office at the address shown above, or by calling (205) 254-2265, fax (205) 254-2484 and requesting a copy be mailed to you. Any addenda will be available on the internet, and mailed to only those vendors who were provided a copy in person or by mail.

It is required for any contract exceeding \$10,000.00 that the bidder submit with his bid either a certified check, a cashier's check, or a bid bond payable to the City of Birmingham. In order for any bid award to be considered that exceeds \$10,000.00, it must be accompanied by an acceptable bid bond or check in the amount of \$500.00.

The City follows a policy of nondiscrimination. No contractor with the City should discriminate on the basis of race, sex, religion or national origin. Failure by the Vendor to carry out these requirements is a material breach of its obligations, which may result in its termination or such other remedy as the City deems appropriate.

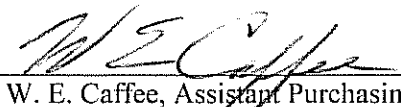
No bid may be withdrawn for a period of sixty (60) days after the date of the bid opening.

All bids are to be f.o.b. Birmingham, AL delivered.

The City reserves the right to reject any or all bids submitted, and to waive any informalities.

Bids must be submitted in a sealed envelope marked "**Firefighter Turnout Gear 2:00 PM, 06/28/11.**" Bids may be hand delivered to Room P-100 First Floor, City Hall, Birmingham, Alabama or mailed to City of Birmingham, P.O. Box 11295, Birmingham, Alabama 35202-1295. (DO NOT MAIL BIDS TO ROOM P-100 1ST FLOOR CITY HALL). However, bids sent by any express carrier (i.e. Federal Express, UPS, Airborne, etc.) must be shipped to 710 North 20th Street, and specify delivery to Room P-100, 1st Floor-City Hall.

It is the bidder's responsibility to make sure that his bid is in the possession of the Purchasing Agent on or before 2:00 p.m., June 28, 2011. Bids received after this time will not be considered.


W. E. Caffee, Assistant Purchasing Agent

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Attachment

B.N. 06/14/11

**SPECIFICATIONS FOR THE SUPPLY OF FIREFIGHTER TURNOUT GEAR
FOR THE CITY OF BIRMINGHAM**

GENERAL:

The City of Birmingham is seeking bids for firefighter turnout gear. The basis of the bid shall consist primarily of any and all turnout gear the City may require during the life of this contract. The City intends to award to the lowest priced, responsive, responsible bidder on a total lot basis.

The proposed contract shall extend for a minimum time frame of one (1) year with month to month extensions thereafter at the prices originally bid upon mutual agreement of both parties. This extension phase is not to exceed twenty-four (24) months. Prior to the end of the initial contract year or during any extension phase of this contract, the successful bidder shall give the City an advanced thirty (30) days written notice if they wish to terminate the extension period. The life of this contract shall exist with the provision that no price increase in the original bid prices shall be allowed.

The contract shall become effective from the date noted in the Notification of Award letter which will be mailed to the successful bidder.

The City of Birmingham does not anticipate utilization of a long, formal, written contract document to bind the City and the successful bidder to an agreement. The City will issue purchase orders to the successful bidder as material is required. The successful bidder acknowledges by acceptance of the City's purchase orders for awarded items, that the bidder is bound to the terms, conditions and requirements as stated in this document.

Successful bidder shall not assign this contract to any other party without prior written approval of the City of Birmingham. Contract shall not be assigned to an unsuccessful bidder who was rejected because he was not a responsive or responsible bidder.

Any bid that imposes a service fee or any other type of fee on any order not exceeding a minimum order quantity or minimum purchase order dollar amount, will be determined a non-responsive bid and will not be considered for award.

Any bid that stipulates a reversal of freight charges if a minimum quantity or purchase order amount is not ordered will be determined a non-responsive bid and will not be considered for award.

Failure to adhere to any or all terms, conditions and specifications as set forth in the contract may result in the immediate termination of the contract. Should termination occur, the holder of the contract may be declared a "non-responsible vendor". This declaration may result in the rejection of any future bids submitted by the vendor for a period of time to be determined by the City.

All bids submitted are to be F.O.B. delivered, City of Birmingham, Birmingham, AL.

Each bidder must submit with his/her bid either a certified check, a cashier's check or a bid bond payable to the City of Birmingham in an amount of \$500.00. In order for a bid to be considered, it must be accompanied by an acceptable bid bond or check.

The City's standard payment terms are net 30 days from acceptance. Exception may be allowed for discounted early payment, such as 2% 10 net 30 days. The City will not consider any bids requiring C.O.D. payment.

The quantities shown on the bid form are estimated initial purchase quantities only. Merchandise shall be ordered as requirements dictate. The City reserves the right to purchase more or less than this quantity as conditions require, and no bidder shall attempt to hold the quantities shown as a firm quantity under this contract.

**SPECIFICATIONS FOR THE SUPPLY OF FIREFIGHTER TURNOUT GEAR
FOR THE CITY OF BIRMINGHAM cont'd**

Bids may be solicited for the product included in this contract where an immediate/emergency need exists including large quantities. The decision of the Purchasing Agent as to what constitutes a biddable situation shall be final and shall not be construed as a breach of contract.

Any questions concerning these specifications should be addressed to Purchasing Division, Charles Lindsey, phone (205) 254-2269, fax, (205) 254-2484, between the hours of 8:00 a.m. and 4:00 p.m. CST, Monday through Friday.

Bidder shall check (✓) each and every paragraph in the appropriate column provided on the right hand edge of the page as to compliance or non-compliance with specifications. Exceptions will be allowed for items that are not listed as "No Exception" if they are equal to or superior to that specified and provided that they are listed and fully explained on the exceptions page. The City shall be the sole judge of equality and the decision of the City of Birmingham shall be final. Bids taking total exception to the specifications will not be accepted.

Successful bidder acknowledges and agrees that the City has the right to deduct from total amount of consideration to be paid, if any, to the successful bidder under this agreement all unpaid, delinquent or overdue license fees, taxes, fines, penalties and other amounts due the City from the successful bidder.

Any bidder who is not currently set up as a vendor in the City of Birmingham vendor file will be required to submit a completed W-9 tax form prior to any bid award. The W-9 tax form may be submitted with your bid or no later than seven (7) working days of receipt of notice of intent to award.

City of Birmingham must have a copy of the successful bidder's current City of Birmingham business license prior to formal award of contract. Each bidder may submit a copy of his/her license along with his/her bid. However, successful bidder must provide a copy of his/her current business license no later than seven (7) working days of receipt of notice of intent to award. Failure to submit the requested information will result in the notice of intent to award being revoked.

SPECIFIC:

NFPA COMPLIANCE:

All materials and construction will meet or exceed NFPA Standard 1971, 2007 or later edition and/or OSHA requirements for Structural Fire Fighter Protective Clothing. All components used in the construction of these garments shall be tested for compliance with NFPA Standard 1971, 2007 current edition, by Underwriters Laboratories (UL). UL shall certify compliance to that standard. All garments shall carry the UL Certification Label. The outer shell and liner for each garment shall have a garment label permanently and conspicuously attached to each layer, upon which the following statement shall be printed legibly on the product label in letters 25mm (.10") high. In addition, the following label shall be sewn to the jacket outer shell. Label(s) shall read: "THIS GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA STANDARD 1971, 2007 EDITION, STANDARD ON PROTECTIVE ENSEMBLE FOR STRUCTURAL FIRE FIGHTING GARMENTS.

Each garment shall have the sizing, serial number, model number and date of manufacture printed on the label. This information shall not be hand written.

ADVANCED INSPECTION TRAINING

Successful Bidder shall provide, as a minimum, one (1) certified training session to BFRS personnel on the procedures of performing advanced inspections to comply with NFPA Standard 1851 at a site within the City of Birmingham.

SAMPLE FOR INSPECTION

The apparent low bidder shall submit one (1) complete set of gear for inspection to determine that the gear bid will be in compliance with the specifications. Gear shall be submitted upon notification by the BFRS and delivered within 45 days of the notice. Failure to submit or the determination that the Sample is non-compliant will be cause to reject the bid.

ACCEPTABLE MANUFACTURERS

Products of the following manufacturers have successfully passed the Field Trials required by the BFRS and are allowed to bid. Bids for products that have not successfully passed the Field Trials are not acceptable to the BFRS. Acceptable Manufacturers are: Janesville; Lion; Morning Pride; Globe and Sperian.

SIZING

The Vendor shall provide individual sizing on a no charge basis when requested. All sizing shall be performed at a site designated by the BFRS. All sizing shall be performed in the same style turnout gear as awarded in this bid. The sizing gear does not have to comply with BFRS specifications, but must be the same style to ensure proper fit.

Pants shall be available in even waist sizes. Inseams shall be available in two whole inch increments. Named lengths are not acceptable. Individual sizing on a no charge basis shall be available when requested.

**BIRMINGHAM FIRE AND RESCUE SERVICE (BFRS) SPECIFICATION FOR
FIRE FIGHTER TURNOUT GEAR**

SPECIFICATION FOR FIRE FIGHTER COATS PAGE 1	Complies Yes	Complies No
COAT DESIGN The outer shell shall be constructed to provide a comfortable fit so as to increase mobility. The body panels shall be shaped to provide a tailored fit, thereby enhancing body movement. The panels shall be joined together by double stitching with 100% Nomex thread. Sleeves shall be designed with pleats or folds to provide expansion when extending arms forward and upward to provide for greater multi directional mobility and flexibility in the arms and shoulders. Each coat sleeve shall have wristlets, constructed of Nomex, attached to the thermal/moisture barrier. The wristlet shall measure 7-8" long, with a thumb hole approximately 2" in diameter aligned with the wearer's thumb. Each sleeve shall be constructed with a water well to prevent liquids and other hazardous materials from entering the sleeve when the arms are raised. The water wells shall be constructed of neoprene, or equivalent material, and sewn to the inside sleeve of the outer shell approximately 4-5" from the sleeve end. The water wells shall have snaps to connect the thermal/moisture barrier to the outer shell. The water wells shall be constructed to prevent liquids and other hazardous materials from entering the sleeve. CUFF REINFORCEMENT Each cuff end shall be reinforced with a 2" wide piece of black Arashield or other approved material. The cuff reinforcement shall be folded in half with approximately one half inside and one half outside the cuff. This Arashield reinforcement shall be sewn to the sleeve end by double stitching with 100% Nomex thread. SHOULDER REINFORCEMENT A 4" wide area at the top of the shoulders extending 6" from the collar seam shall be capped with outer shell material for abrasion resistance and thermal protection. OUTER SHELL MATERIAL The outer shell shall be Advance or approved equivalent material. The material shall have an approximate weight of 7.0 - 7.5 ounces per square yard, rip stop weave construction and treated with a water repellent finish. The color shall be khaki. In addition, a limited number of coats will have the outer shell to be a 7.5 oz/sq. yd. 100% Nomex III plain weave with water/stain repellent finish; color shall be natural. THERMAL BARRIER The thermal barrier shall be constructed of Caldura SL, Glide or approved equal material.		

SPECIFICATION FOR FIRE FIGHTER COATS PAGE 2	Complies Yes	Complies No
MOISTURE BARRIER The moisture barrier shall consist of a Nomex substrate laminated to a light weight, breathable Crosstech Type 2C Teflon membrane weighing 5.0 ounces per square yard or approved equal. The liner shall have one 8.5" x 8.5" internal pocket which shall be made of black outer shell material. The liner pocket shall be on the left side of the coat liner. QUILT THERMAL LINER CONSTRUCTION The moisture barrier shall be sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. All moisture barrier seams shall be sealed as required by NFPA 1971, 2007. The moisture barrier/thermal liner shall finish no more than 1" from the cuffs and 2" from the hem. MOISTURE BARRIER/THERMAL LINER ATTACHMENT The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by the use of snaps. There shall be two snaps down each front facing. In addition, there will be a snap for alignment along the bottom of the liner, and one snap and one hook and loop closure at each sleeve end. LINER INSPECTION SYSTEM There shall be an opening located on the coat liner approximately 11" in length at the center back of the neck separating the thermal barrier and moisture barrier. This opening will provide the ability to completely invert the coat liner to properly view the integrity of the entire liner system. The liner inspection port shall be fully sealed with a hook and loop closure to prevent any material from falling between the moisture and thermal barriers. COAT CLOSURE SYSTEM STORM FLAP A rectangular storm flap measuring 3 1/4" to 5" wide and 22" to 24" 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 coat. The outside storm flap shall be constructed of two plies of outer shell material with a center ply of breathable moisture barrier material equal to the coat moisture barrier. The outside storm flap shall be double stitched with 100% Nomex thread to the right side body panel and shall be reinforced at the top and bottom with bar tacks.		

SPECIFICATION FOR FIRE FIGHTER COATS PAGE 3	Complies Yes	Complies No
STORM FLAP AND JACKET FRONT CLOSURE SYSTEM The jacket shall be closed by means of a 22 inch size #10 heavy duty high-temp polymer zipper on the jacket fronts and hook and dee rings on the storm flap. The teeth of the zipper shall be mounted on Nomex[®] cloth and shall be sewn into the respective jacket facings. The zipper stop shall be "pressed", not molded, insuring the highest quality with increased durability. The storm flap shall close over the left and right jacket body panels and shall be secured by means of four non-ferrous inward facing hook and dee rings and also a hook and loop closure strip sewn under the leading edge of the flap and to the corresponding location on the coat. The dee rings shall be secured to the leading edge of the storm flap with two rivets. The rivets shall be reinforced on the underside of the storm flap with leather. The dee rings shall be spaced along the storm flap. Four inward facing hooks shall be attached to the left front body panel with three rivets for each hook. The rivets shall be reinforced on the inside of the body panel with a single circular piece of leather for each hook. The inward facing hooks shall be positioned in such a manner that they engage the dee rings when the storm flap is closed over the front of the jacket. COAT COLLAR MOISTURE BARRIER/THERMAL LINER CONSTRUCTION: Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the moisture barrier/thermal liner shall be attached to the facings at the front closure of the outer shell. The neck of the moisture barrier/thermal liner shall be secured to the neck of the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings along the neck between the armholes. COLLAR The collar shall be of three piece contoured 4-layer configuration such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with one layer of moisture barrier material and two layers of thermal liner equal with coat materials. The collar shall provide proper interface with liner to insure no moisture penetration through the collar seam to the inside of coat. The collar shall be contoured and shall completely cover the neck and throat area when in the raised position. Raised height shall be approximately three inches with a contoured overlap at the front of the coat. Collar closure shall be provided by FR hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontal. Collar shall be of such design so as not to interfere with SCBA facemasks, or helmet. When examined prior to donning, the turned up collar shall completely wrap around the front of the neck opening such that left and right collars touch or overlap to maximize facial protection. The three piece contoured 4-layer collar shall be sewn with a pleat on the inner most layer. Pleat shall have a ¾" hook sewn on the underside to engage the moisture barrier extension on the liner.		

SPECIFICATIONS FOR FIRE FIGHTER COATS PAGE 4	Complies Yes	Complies No
REFLECTIVE TRIM Reflective Trim set vertical down flap of DRD harness, 4 rows lockstitch. Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow REFLECTIVE TRIM All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment. Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow. One 3" strip shall be set full circumference at the bottom sweep of the outer shell; one 3" strip shall be set around each sleeve approximately 2" from bottom of sleeve cuff; one 3" strip shall be set full circumference at the chest; one 3" strip shall be set around each sleeve just above the elbow; two 3" vertical strips shall be set from hem trim to back chest trim of the coat. Each coat shall have an adequate amount of trim sewn to the outside of the outer shell to meet the requirements of NFPA 1971, 2007 edition. All trim shall be secured to the shell with four rows of lock stitching. POCKETS Coat Hand Pockets: (XP35) Semi-bellows cargo pockets, pair (10" x 10" x 2") Semi-Bellows Pocket - A semi-bellows pocket measuring approximately 2" deep in the rear by 10" wide by 10" high shall be double stitched to each front panel to provide accessibility. The lower 5" of each pocket shall be reinforced on the inside with Kevlar Twill material weighing approximately 8.0 ounces per square yard to provide optimal strength when carrying small tools. Two rust resistant brass drainage eyelets shall be installed in the bottom of each pocket. The pocket flaps shall be constructed of outer shell material and measure approximately 4" x 10" wide. The pocket flaps shall be closed by means of hook and loop fastener tape. Two 1-1/2" x 2" squares shall be used on each pocket to provide closure even with a gloved hand. The upper corners of each pocket shall be bar tacked for reinforcement. Reinforcement with Kevlar is used when pocket is not trimmed. The liner shall have one 8.5" x 8.5" internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of coat liner. DRAG RESCUE DEVICE (DRD) A Firefighter Drag Rescue Device shall be installed in each jacket. The ends of a 1½ inch wide Kevlar® strap 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 a hook and loop strap. The access port will be covered by an outside flap with beveled corners designed to fit between the shoulder straps of an SCBA. The flap will have a compliant reflective patch sewn to the outside to clearly identify the feature as the DRD (Drag Rescue Device).		

SPECIFICATIONS FOR FIRE FIGHTER COATS PAGE 5	Complies Yes	Complies No
HANGER LOOP An external hanger loop constructed of a double layer of outer shell material and reinforced with two 42-stitch bar tacks shall be provided on the outside of the coat at the collar seam. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is hung by the hanger loop, loaded evenly with a weight of 80 lbs. and allowed to hang for one minute. SEWN ON LETTERING There shall be 3" lime yellow Scotchlite letters, sewn-on. LETTERING Lettering shall be "BFRS" LOCATION FOR LETTERING Shall be across the yoke RADIO POCKETS A radio pocket constructed of outer shell material and measuring approximately 9" x 3" x 2" shall be sewn with lock stitching to <u>left chest</u> of each fire fighter's coat. The pocket shall have a flap of outer shell material measuring approximately 3" x 4" with a small notch removed to accommodate the radio antenna, and shall be closed by means of flame resistant hook and loop fastener tape. A 1½ inch by 3 inch piece of FR hook fastener tape shall be installed vertically on the inside of the pocket flap beginning at the center of the bottom of the flap. A 1½ inch by 3 inch piece of FR loop fastener tape shall be installed horizontally on the outside of the pocket near the top center and positioned to engage the hook fastener tape. In addition, the entire inside of the pocket shall be lined with neoprene coated cotton/polyester moisture barrier material to ensure that the radio is protected from the elements. The moisture barrier material shall also be sandwiched between the two layers of outer shell material in the pocket flap for added protection. Each radio pocket and flap shall be lined with a layer of FR Neoprene coated polyester/cotton moisture barrier. Per NFPA requirements, all trim must be continuous; therefore, if the pocket placement interferes, reflective trim must be sewn to the pocket. MIC TAB There shall be a 1" X 3" triple layer self -fabric mic tab attached with bar tacks on each side. Bar tacks shall be a minimum 42-stitch bar tack ITEM LOCATION FOR ABOVE Shall be located on the left chest above radio pocket and a separate one on the right chest. HELMET SNAP The coats shall be equipped with a helmet strap. An inward facing safety hook, attached to a double layer leather strap, shall be double riveted in a vertical position to the upper chest. The helmet strap shall be located on the right chest 1 inch below the mic tab.		

SPECIFICATIONS FOR FIRE FIGHTER PANTS PAGE 6	Complies Yes	Complies No
PANT OUTER SHELL The outer shell shall be Advance or equivalent material with an approximate weight of 7.0 - 7.5 ounces per square yard, shall be of rip stop weave construction, and treated with a water repellent finish. The color shall be Khaki. PANT THERMAL BARRIER The thermal barrier shall be constructed of Caldura SL, Glide or equivalent material. PANT MOISTER BARRIER The moister barrier shall be Crosstech type 2C or equivalent material. MOISTURE BARRIER: NOMEX® substrate laminated to a lightweight breathable, CROSSTECH® (Type 2C), Teflon membrane; weighing 5.0 oz./sq. yd. QUILT THERMAL LINER CONSTRUCTION: The moisture barrier shall be sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. All moisture barrier seams shall be sealed as required by NFPA 1971, 2007. The moisture barrier/thermal liner shall finish no more than 1" from the cuffs and 2" from the hem. MOISTURE BARRIER/THERMAL BARRIER CONSTRUCTION The moisture barrier shall be sewn to the thermal barrier at its perimeter and finished with a moisture barrier binding so no raw edges are exposed. The film side of the moisture barrier shall be oriented toward the thermal barrier. All seams are to be heat and pressure sealed with seam tape. PANT METAL CONTACT PREVENTION The pants shall be constructed so that there shall be no direct metal contact from the exterior of the outer shell through the thermal barrier to the wearer's body. This specifically includes the snaps at the bottom of the leg. ATTACHMENT OF THE THERMAL/MOISTURE BARRIER TO THE OUTER SHELL The liner shall be completely detachable by snaps around the waist. The snaps shall be connected to a flap of outer shell material attached to the outer shell that completely covers the thermal/moister barrier to prevent foreign material from entering the area between the outer shell and moister barrier. Two (2) snaps shall secure each liner leg within 1" from the bottom hem. Snaps shall be NFPA complaint nickel plated brass.		

SPECIFICATIONS FOR FIRE FIGHTER PANTS PAGE 7	Complies Yes	Complies No
FLY FLAP The outer shell shall have an overlapping fly front running the full length of the fly on the left side. The flap shall not be less than 2.5" wide at the waistband. The bottom of the fly shall be reinforced with a 42 stitch bartack. The storm fly shall be held closed along its length by means of a hook and loop fastener closure 2" minimum width, along the leading edge for a distance of not less than 6" from the bottom of the fly closure to the waist area for proper alignment and secure closure. A hook and dee ring closure shall be used for quick one motion closing at the waist. The hook shall be 2.5" in length, made of a zinc non-ferrous metal alloy and weigh 1.2 oz. +/- 5%. It shall be securely fastened to the pant by means of a 5/8" wide, treated leather take up strap looped through the rear of the buckle and triple riveted to the pant shell with leather backed rivets. The dee shall be made of a non ferrous metal alloy 2" long x 1 1/16" wide and secured by two leather-backed rivets to the leading edge of fly flap. The storm fly shall be outer shell material, lined with a 3.5" strip CROSSTECH® (Type 2C) moisture barrier material to prevent wicking. The moisture barrier/thermal liner shall be constructed with an extension on the left side at the waist of all layers of the fly opening to assure continuous thermal and moisture protection. This overlap shall be positioned between the layers of the outside storm fly. A 3/4" wide x 9" long hook fastener shall be sewn to the moisture barrier/thermal liner to engage corresponding loop fastener on the underside of the outside storm fly. HIGH BACK PANTS; NO HIGH BACK PANTS SHALL BE ACCEPTED. Bids containing high back pants will be rejected as being non-compliant with the specifications. WAIST ADJUSTER Two (2) double layer outer shell straps shall be box tacked on each hip and joined by a postman buckle to provide an additional 2" tightening at the waist. LINER INSPECTION SYSTEM PANT LINER INSPECTION SYSTEM: There shall be an opening located on the pant liner system to the right side of the waist separating the thermal barrier and moisture barrier, approximately 10" in length. This opening will provide the ability to completely invert the pant liner to properly view the integrity of the entire liner system. The liner inspection port shall be sealed with hook and loop closure to prevent any material from falling between the moisture and thermal barriers. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.		

SPECIFICATIONS FOR FIRE FIGHTER PANTS PAGE 8	Complies Yes	Complies No
CONSTRUCTION The pants shall be constructed to provide a tailored fit, thereby enhancing body movement. The pants shall allow for maximum flexibility and movement. The front and rear panels shall provide for more fullness over the knee and include means to create free movement of the knee with few restrictions. Pants leg shall have "boot cut" of a minimum of 1" on the back of each pant leg. TURN-OUT POCKETS 10" wide x 10" deep outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back. Pocket shall be split 6" front and 4" back inside the pocket with a Kevlar® twill divider. Pockets shall be fully lined all 4 sides inside pocket with KEVLAR® twill. Pockets and flaps shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Pocket flaps shall be 11" x 5". A hook and loop fastener closure system shall extend the full horizontal length of the pocket and ensure closure of the pocket when full. Another full bellow pocket shall be furnished to comply with the above specifications except that the pocket will be fully open instead of split. ITEM LOCATION FOR ABOVE The Full Bellow pocket shall be located on the left thigh and the Divided Bellow pocket shall be located on the right thigh. REFLECTIVE TRIM All trim shall be sewn with four (4) rows lockstitch 301, minimum (6) stitches/inch for most secure trim attachment. All trim shall be: 3" Scotchlite™ II (triple trim) lime/yellow. Pant trim shall be applied as follows: (1) strip set full circumference around the bottom of the cuff 3" from the bottom cuff. SUSPENDERS Each pant shall have padded suspenders with pull straps connected to the pants as designed by the manufacturer. LINER KNEE THERMAL ENHANCEMENT An additional layer of specified thermal liner and moisture barrier material will be sewn to the knee area of the liner system for added protection and increased thermal insulation at contact points. 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.		

SPECIFICATIONS FOR FIRE FIGHTER PANTS PAGE 9	Complies Yes	Complies No
KNEE REINFORCEMENTS The knee area shall be reinforced with black Arashield or equivalent 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 10 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. PANT CUFF REINFORCEMENT The cuff area of the pant shall be reinforced with a binding of black Arashield or equivalent material not less than 2" in total width for greater strength, abrasion resistance, and thermal protection.		

BID FORM

W. E. Caffee
Assistant Purchasing Agent
Birmingham, AL

Submitted below is my firm bid for firefighter turnout gear for the City of Birmingham, for a period of one (1) year and month to month thereafter, in accordance with your Invitation to Bid and specifications dated June 9, 2011. Prices quoted are f.o.b. Birmingham, AL, and I am bidding in exact accordance with the specifications except as listed below.

APPROX QTY.	DESCRIPTION	MAKE/STYLE	UNIT PRICE	EXTENDED TOTAL
300	Turnout Pants with suspenders		\$	\$
50	Turnout Suspenders		\$	\$
300	Turnout Coats		\$	\$
12	Turnout Coats, Nomex Material		\$	\$
			GRAND TOTAL	\$

I hereby certify that we do not discriminate in employment of our personnel against any persons on account of race, creed, color, sex, or national origins, and acknowledge and agree that the City encourages minority – and women – owned business participation to the maximum extent possible. This policy includes Historically Underutilized Business Enterprises such as architectural firms, engineering firms, investment banking firms, other professional service providers and construction contractors as part of the City's business, economic and community revitalization programs.

EXCEPTIONS TO SPECIFICATIONS:

Date of Bid

Name (Print legibly or Type)

Company

Title

Street Address

Signature

City State Zip

Tax ID Number

Post Office Box

E-Mail Address

City State Zip

Telephone Number

Terms of Payment

Fax Number

Delivery Date
