

**INVITATION FOR BID**



**Winston-Salem**

**TURNOUT GEAR**

**WINSTON-SALEM FIRE DEPT.**

**Bids Will Be Opened**

**10:00 am, Tuesday, February 20, 2018**

**SUITE 324, CITY HALL BUILDING**

**101 NORTH MAIN STREET**

**WINSTON-SALEM, NORTH CAROLINA**

BY THE

**CITY/COUNTY PURCHASING DEPARTMENT**

324 City Hall Building

Winston-Salem, NC 27101

## ADVERTISEMENT FOR BIDS

# TURNOUT GEAR

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Pursuant to Section 143-129 of the General Statutes of North Carolina, sealed proposals endorsed **Turnout Gear** to be furnished to the City of Winston-Salem will be received by the City/County Purchasing Department in Suite 324, City Hall Building, 101 North Main Street, Winston-Salem, NC until **10:00 a.m., February 20, 2018** at which time they will be publicly opened and read.

Instructions for submitting bids and complete specifications may be obtained during regular office hours, Monday – Friday, 8:00 a.m. to 5:00 p.m. at the same location, or by contacting TaWanna A. Gates via email [tawannag@cityofws.org](mailto:tawannag@cityofws.org) or phone 336-747-6938.

**The City reserves the right to reject any or all proposals.**

TaWanna A. Gates  
Senior Buyer

## **Notice to Bidders**

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It is the policy of the City of Winston-Salem that an employee, officer, or agent of the City may not participate in any manner in the bidding, awarding, or administering of contracts in which they, or a member of their immediate family, their business partner, or any organization in which they serve as an officer, director, trustee, or employee, have a financial interest.

The successful bidder must comply with all provisions of the Americans with Disabilities Act (ADA) and all rules and regulations promulgated thereunder. By submitting a bid, the successful bidder agrees to indemnify the City from and against all claims, suits, damages, costs, losses, and expenses in any manner arising out of, or connected with, the failure of the Company, its subcontractors, agents, successors, assigns, officers, or employees to comply with the provisions of the ADA or the rules and regulations promulgated thereunder.

All bids must be firm and not subject to increase, unless specified within the provisions of this Invitation for Bid (IFB) and mutually agreed upon by the City and the proposer.

No special inducements will be considered that are not a part of the original bidding document.

### **City Rights and Options**

The City, at its sole discretion, reserves the following rights:

- To supplement, amend, substitute or otherwise modify this IFB at any time
- To cancel this IFB with or without the substitution of another IFB
- To take any action affecting this IFB, this IFB process, or the equipment subject to this IFB that would be in the best interests of the City
- To issue additional requests for information

### **Public Records**

Any material submitted in response to this IFB will become a “public record” once the bidder’s document(s) is opened and the bidder is determined to be a participant in the solicitation process and shall be subject to public disclosure consistent with Chapter 132, North Carolina Statutes. Bidders must claim any applicable exemptions to disclosure provided by law in their response to this IFB. Bidders must identify materials to be protected, and must state the reasons why such exclusion from public disclosure is necessary and legal. The City reserves the right to make all final determination(s) of the applicability of North Carolina General Statutes § 132-1.2, Confidential Information.

### **Familiarity with Laws and Ordinances**

The submission of a bid on the equipment requested herein shall be considered as a representation that the bidder is familiar with all federal, state, and local laws, ordinances, rules and regulations which affect those engaged or employed in the provision of such services, or equipment used in the provision of such services, or which in any way affects the conduct of the provision of such services; and no plea of misunderstanding will be considered on account of ignorance thereof. If the bidder discovers any provisions in the IFB documents that are contrary to or inconsistent with any law, ordinance, or regulation, it shall be reported to the City in writing without delay.

The bidder agrees that in carrying out this contract, compliance will be maintained with all applicable federal, state, and local laws, specifically including, without limitations, the Occupational Safety and Health Act of 1970 and Section 1324A, the Immigration Reform and Control Act.

The bidder certifies that the bid is made in good faith and without collusion with any person bidding on this contract or with any officer or employee of the City of Winston-Salem.

The undersigned further agrees, in connection with the performance of this contract, not to discriminate against any employee or applicant for employment because of race, religion, color, gender, age, handicap, political affiliation or national origin.

### **Ethics Policy / Code of Conduct**

The City of Winston-Salem has establish guidelines for ethical standards of conduct for City representatives and to provide guidance in determining what conduct is appropriate in particular cases. City representatives should maintain high standards of personal integrity, truthfulness, honesty, and fairness in carrying out public duties; avoid any improprieties in their roles as public servants including the appearance of impropriety; and never use their position or power for improper personal gain. In establishing an ethics policy, the City of Winston-Salem desires to protect the public against decisions that are affected by undue influence, conflicts of interest, or any other violation of these policies as well as promote and strengthen the confidence of the public in their governing body. For a complete review of the City Policy click the following link.

<http://www.cityofws.org/Home/Departments/Purchasing/Articles/Bids>

### **Equal Employment Opportunity / ADA**

The Contractor shall not discriminate against any employee or applicant for employment because of race, creed, color, religion, national origin, political affiliation, gender, age or disability. The contractor shall comply with all applicable laws and regulations regarding the American with Disabilities Act ([www.ADA.gov](http://www.ADA.gov)) as amended from time to time and all rules and regulations promulgated thereunder and other laws and regulations pertaining to equal employment. The Contractor hereby agrees to indemnify the Owner from and against all claims, suits, damages, costs, losses and expenses in any manner arising out of or connected with the failure of the contractor, its subcontractors, agents, successors, assigns, officers or employees to comply with the provisions of the ADA or rules and regulations promulgated thereunder. The Contractor agrees to act affirmatively in its employment and promotion practices, and in the general treatment of its employees.

### **Stimulation of the Local Economy**

In an effort to stimulate the local economy, foster development and promote efficiency in the provision of city services and the completion of various city projects, the City of Winston-Salem has undertaken an initiative to strongly encourage all parties contracting with the City of Winston-Salem to evaluate their internal operations and hiring practices and, where appropriate, to initiate efforts to stimulate the local economy by hiring applicants and contractors from the Winston-Salem/Forsyth County Area and by utilizing minority and women contractors and service providers. Such efforts to stimulate the local economy may be accomplished by posting job vacancies with the North Carolina Employment Security Commission, the Piedmont Triad Regional Council of Governments, and the Winston-Salem Urban League; and utilizing the State of North Carolina Office for Historically Underutilized Business database

(<https://www.ips.state.nc.us/IPS/vendor/SearchVendor.asp?xt=hobtain>) or other local resources such as the City of Winston-Salem M/WBE Program to identify Winston-Salem/Forsyth County based contractors and subcontractors. Stimulation of the local economy requires a collaborative effort of both the public and private sector. The city is committed to taking reasonable steps to achieve said goal.

### **E-Verify**

Contractor shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. Further, if the Contractor utilizes a subcontractor, the Contractor shall require the subcontractor to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes.

### **Iran Divestment Act**

Contractor hereby certifies that it is not on the North Carolina State Treasurer's list of persons engaging in business activities in Iran, prepared pursuant to NCGS § G.S. 147-86.58, nor will Contractor utilize on this agreement any subcontractor on such list. This list, along with additional information about the Iran Divestment Act, is available on the Treasurer's Office site:

<https://www.nctreasurer.com/inside-the-department/OpenGovernment/Pages/Iran-Divestment-Act-Resources.aspx>.

## **SPECIAL TERMS AND CONDITIONS**

**DETAILED SPECIFICATIONS:** Detailed specifications for this equipment are included with the bid request. Bids to be submitted in accordance with the specifications and these Special Terms and Conditions, both of which require doing all that is necessary, proper, or incidental to the furnishing of the equipment identified herein. All things not expressly stated in the specifications or Special Terms and Conditions but involved in carrying them out must be included in bidder's proposal as though they were specifically stated.

**NOTICE TO BIDDERS:** All bids are subject to the provisions of the instructions to Bidders, special terms and conditions specific to this Invitation for Bids, the specifications, and General Contract Terms and Conditions. The City of Winston-Salem objects to and will not evaluate or consider any additional terms and conditions submitted with a bidder response. This applies to any response appearing in or attached to the document as part of the bidder's response. **DO NOT ATTACH ANY ADDITIONAL TERMS AND CONDITIONS.** By execution and delivery of a proposal, the bidder agrees that any additional terms and conditions, whether submitted purposely or inadvertently, shall have no force or effect. It shall be the bidder's responsibility to read this entire document, review all enclosures and attachments, and comply with all requirements specified herein.

The bidder is cautioned that the requirements of this bid can be altered only by written addendum and that verbal communications from whatever source are of no effect.

### **EXCEPTIONS TO SPECIFICATIONS:**

In the event that clarifications or changes to bid specifications are necessary, changes will be made by written addendum. In all cases equipment must be furnished as requested, and where brand names are used, consider the term "or equal" to follow. Such references are not intended to be restrictive and comparable products of other manufacturers will be considered. However, **written approval for any proposed substitution or change in specifications must be obtained by bidder prior to the close of bids.**

Any request for an approved equal, change in specification or protest of specifications must be fully supported with technical data, test results, or other pertinent information and evidence that the substitute offered is equal to, or better than, the specification requirement.

The bidder shall not construe this paragraph as inviting deviation or implying that any deviation will be acceptable.

Bidder's failure to request exceptions to specifications or approved equals as stated above will be interpreted as the bidders' intent to comply fully with the requirements as written. Conditional or qualified bids shall be subject to rejection in whole or in part.

The City of Winston-Salem reserves the right to postpone bid openings for its own convenience.

**GENERAL REQUIREMENTS:** The equipment furnished shall be new and unused and the manufacturer's latest listed and published stock model, or models which meet all the applicable requirements of these specifications. Specifications may require that certain makes and models of vehicles, auxiliaries and/or accessories be provided.

**BIDDERS SUBMITTALS:** Bidder must furnish all information requested herein including descriptive literature and/or complete specifications covering the products offered. Reference to literature submitted with a previous bid will not satisfy this provision. Bids which do not comply with these requirements will be subject to rejection. All documents submitted should bear the name of the bidder.

**EXPENSES INCURRED IN PREPARING BID:** The City of Winston-Salem accepts no responsibility for any expense incurred by the bidder in the preparation and presentation of a bid. Such expenses shall be borne exclusively by the bidder.

**CONTRACT/AWARD:** Pursuant to the laws governing public contracts in North Carolina, the successful bidder's/vendor's response to this Invitation for Bids and Proposals and any addenda thereto, plus the City's issuance of a City of Winston-Salem Purchase Order for the proposed goods and/or services shall constitute a binding contract.

**PURCHASE OF ADDITIONAL REQUIREMENTS:** Subject to the successful bidder's acceptance, the City reserves the option to purchase additional equipment as specified herein at the price bid and awarded in this Invitation for Bids and Proposals within one (1) year from bid opening date. This bid may also be utilized by other entities per N.C.G.S. to piggyback at the sole discretion of the vendor.

**INDEMNIFICATION:** The bidder/vendor covenants to save, defend, keep harmless, and indemnify the City of Winston-Salem and all of its officers, departments, agencies, agents, and employees from and against all claims, loss, damage, injury, fines, penalties and cost - including court costs and attorney's fees, charges, liability, and exposure, however, caused resulting from, arising out of, or in any way connected with the bidder's/vendor's negligent performance or nonperformance of the terms of the contract.

**VENDOR SUPPORT/SERVICE AND PARTS:** The vendor and/or manufacturer bidding on these specifications must have the ability to provide repair parts and technical service in the form of a service representative, including the maximum time from receipt of notice to arrival of parts or the service representative. The manufacturer, whether they are the vendor or not must be satisfactory to the City of Winston-Salem from the standpoint of experience, reliability, and demonstrated ability to manufacture equipment comparable as to size and type as that required by the specifications, and shall have manufactured and/or sold equipment of the size and type specified which has operated satisfactorily in the field for a minimum of one year. The City of Winston-Salem reserves the right to reject bids from vendors that have failed to perform satisfactory under previous contracts with the City of Winston-Salem and/or vendors that cannot produce satisfactory evidence that they can furnish promptly all spare parts needed for ordinary service and repair of the equipment herein specified.

**INSPECTION, TRAINING, PERFORMANCE TEST AND ACCEPTANCE:**

- a. Upon delivery the equipment will be subject to inspection to verify conformance with specifications by the staff of the City of Winston-Salem
- b. Any defects or failure of equipment to perform or comply with any requirements of the City specifications must be immediately remedied by the vendor at the vendor's own expense prior to acceptance by the City.

**WARRANTY:** Bidder to include the warranty provisions as outlined in bid specifications.

**TAX EXEMPTIONS:** The City of Winston-Salem is exempt from Federal Excise Tax but not from State and Local Sales Tax. Sales tax should not be included in bid prices, but may be added as separate items.

**EVALUATION AND SELECTION OF BIDS:** The evaluation of vendor bids shall center on the match between the stated specifications and other requirements included in the final bid request and the vendor's proposal including selection of the lowest responsible bidder, with consideration of past performance, service record, and reliability. The statutory provisions controlling purchasing by local governments in N. C. (GS 143) includes selection standards for use in making of awards. The provision reads, "All contracts shall be awarded to the lowest responsible, responsive bidder, taking into consideration quality, performance, and the time specified in the bids for the performance of the contract". The City of Winston-Salem reserves the right to accept or reject any or all bids and proposals and further specifically reserves the right to make the award or awards in the best interest of the City of Winston-Salem.

**All bids shall be made firm for no less than sixty (60) days.**

## **Proposal Form Turnout Gear**

Submit proposals to the following location:

**US Postal Service address:**

City/County Purchasing Department  
Post Office Box 2511  
Winston-Salem, North Carolina 27102  
27101

**or**

**Hand-delivery or FedEx address:**

City/County Purchasing Department  
101 N. Main Street, 324 City Hall  
Winston-Salem, North Carolina

**BIDDERS:**

The City of Winston-Salem is seeking bids for **Turnout Gear per detailed specifications included in this document.**

**For any questions or comments regarding this bid please contact TaWanna A. Gates at (336) 747-6938 [tawannag@cityofws.org](mailto:tawannag@cityofws.org)**



The Winston-Salem Fire Department would like the option to extend the contract for as many as two additional twelve month periods, ordering up to 150 sets of gear during the contract term year(s). The contract will end in 2021.

**ITEM 1**

94 ea. Turnout Coats Each \$ \_\_\_\_\_

Total for 94

\_\_\_\_\_ dollars \_\_\_\_\_

We quote number \_\_\_\_\_ Mfd. by \_\_\_\_\_

**ITEM 2**

94 ea. Turnout Pants Each \$ \_\_\_\_\_

Total for 94

\_\_\_\_\_ Dollar \_\_\_\_\_

We quote number \_\_\_\_\_ Mfd. By \_\_\_\_\_

**Grand Total Items 1 & 2**

\$ \_\_\_\_\_

All sizes and colors as per specifications. All items will be supplied by one vendor.

**GENERAL SPECIFICATIONS PROTECTIVE JACKET AND PANTS FOR  
STRUCTURAL FIRE FIGHTING  
WSFD 2017  
IN ACCORDANCE WITH NFPA 1971 (2013 Edition)**

**SECTION 1- GENERAL INFORMATION**

**SCOPE AND PURPOSE**

The following specification describes the minimum requirements for the materials, design and construction of protective clothing ensembles, excluding head and hands, affording protection against the adverse hazards associated with Structural Firefighting activities and certain other emergency operations as defined by NFPA 1971, Standard on Protective Ensemble for Structural Fire Fighting, 2013 Edition.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**THERMAL PROTECTIVE PERFORMANCE**

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Thermal Protective Performance (TPP) of not less than 41 when tested in accordance with NFPA 1971 standard. **This is a minimum requirement; no exceptions shall be considered.**

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**TOTAL HEAT LOSS (THL)**

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Total Heat Loss (THL) of not less than 260 when tested in accordance with NFPA 1971 standard. This is a minimum requirement; no exceptions shall be considered.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**CONDUCTIVE AND COMPRESSIVE HEAT RESISTANCE (CCHR)**

Using approved breathable materials, there shall be a minimum area of 411 x 4" at the shoulders that provide a minimum of 25 CCHR at 2 psi, and a minimum 6" x 6" area at the knees that provide 25 CCHR at 8 psi. All three compression areas shall be constructed of high temperature fiber based materials and sewn to the thermal liner on the inside of the liner toward the moisture barrier.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**THIRD PARTY TESTING**

All components used in the construction of these garments shall be tested for compliance to NFPA Standard #1971, current edition, 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.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**ISO CERTIFICATION/ REGISTRATION**

The protective clothing manufacturer shall be certified and registered to ISO Standard 9001 to assure a satisfactory level of quality.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**WARRANTY**

The manufacturer shall warrant these jackets and pants to be free from defects in materials and workmanship for the NFPA assumed life of the gear (10 years) when properly used and cared for.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**LABELING**

Each garment shall have a garment label(s) permanently and conspicuously attached stating at least the following language:

**DO NOT REMOVE THIS LABEL  
THIS GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA 1971, STANDARD  
ON PROTECTIVE ENSEMBLE FOR  
STRUCTURAL FIRE FIGHTING, (current edition)**

Additionally, the label(s) shall include the following information:

Underwriters Laboratories classified mark

Manufacturer's name

Manufacturer's address

Manufacturer's garment identification number

Bar Code

Date of manufacture Size

Outer shell, thermal liner, and moisture barrier materials used.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**SIZING BY VENDOR**

The vendor shall be available to perform all sizing requirements within a reasonable time frame to be agreed upon by vendor and department.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**SECTION 2-COMPONENTS**

**THREAD**

Garment shall be assembled using only 100% NOMEX® Thread. **This is a minimum requirement; No exceptions shall be considered.**

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**HOOK AND LOOP**

All references to hook and loop fasteners will be defined as Flame Resistant hook and loop and shall be black in color.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**COAT MODEL PS1111**

\*R is for patented.

- HainsworthR\* TITAN Outer Shell **BLACK IN COLOR**
- CROSSTECHR Black Moisture Barrier
- IsomexR\* and Iso AirR\* Thermal Barrier
- TenCateR\* Ara-ShieldR\* Elbows and Cuffs
- Extra Padded Suspenders
- Two (2) Radio sized to the Winston-Salem radio specifications
- Two (2) 7" x 9" lined coat pockets
- Hand Warmer Pockets
- NYC Triple Trim
- American Flag
- Military Molly System on the outer shellR\*
- Zippered and Velcro front closer
- Minimum 4" high neck collar

Contaminate defender elastic cord in the coat bottom to allow for no contamination entry to the groin area. The area between the abdomen and the thigh on either side of the body.

Contaminate defender elastic cord in the end of each sleeve to be able to pull the cord and material tight to the wrist to eliminate contamination entry.

According bellows upper sleeve to allow for better reach overhead without resistant from the garment which allows for better maneuverability of the arms and shoulders when wearing an SCBA.

NFPA Approved garment

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**PANTS MODEL PS1161**

R\* is for patented.

HainsworthR\* TITAN Outer Shell **BLACK IN COLOR**

CROSSTECHR Black Moisture Barrier

IsomexR\* and Iso AirR\* Thermal Barrier

TenCateR\* Ara-ShieldR\* Cuffs with contaminate defender elastic cord in the end of each cuff to eliminate contaminate entry. Pant leg cuff also has a boot cut, meaning that at the back of the cuff it is shorter so as not to drag and wear out the cuff.

TenCateR\* Ara-ShieldR\* Knee. Two Layer Reinforcement outer (double padded knee inside the garment at the knee area.)

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**OUTER SHELL MATERIAL**

The outer shell shall be Hainsworth TITAN 6.5 ounces per square yard, rip-stop weave featuring Ti-tech technology. A blend of 89% Nomex, 9% Kevlar, 2% anti-static, featuring REPEL+ technology.

(Generic version could state the outer shell shall be off rip-stop weave design weighing no more than 6.5 ounces per square yard. Outer shell material shall have a water repellency property sustaining up to 80% of its original value after 60 washes with proper care.)

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**THERMAL LINER**

The thermal liner shall be Glide Ice, or equivalent. Thermal liner shall be no more than 7.4 ounces per square yard in weight.

(Generic version could state, Thermal liner shall be of quilted design weighing no more than 7.4 ounces per square yard and have a face cloth designed in a lightweight, 3.6 ounce per square yard twill weave, constructed of 60% DuPont Nomex filament and 40% DuPont Nomex/Lenzing FR spun yarns. Batting shall be two layers of DuPont Nomex E89 spunlace - 2.3 oz. / square yard and 1.5 oz. / square yard. Equivalent or better considered.)

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**MOISTURE BARRIER**

The moisture barrier shall be Crosstech Black 2F. Equivalent or better considered.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**SECTION 3- COAT DESIGN AND CONSTRUCTION COAT**

**CONSTRUCTION**

The body of the shell shall be constructed of a multi-panel design and shall be joined together by stitching with NOMEX® thread. The body panels shall be shaped to provide a tailored fit thereby enhancing mobility. The outer shell shall have a molle style system to facilitate customization of pocket placement by end user. The outer shell shall have the ability to be completely separated from the thermal liner assembly on scene while still being worn. This is to facilitate the minimization of contact time with harmful particulates.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**SIZING**

The coats will be available in numeric sizing with 2-inch chest increments and graduated sleeve length measurements for best fit. The length of the coat will be measured from the base of the collar on back to the bottom of the lower hem to ensure required minimum overlap of the pants. 30" coat is standard, 32" and 34" coats also offered. Generalized sizing, such as small, medium, large, etc., will not be considered acceptable. All patterns will be graded to size to insure proper fit.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**LINER SYSTEM CONSTRUCTION**

The thermal liner will be sewn to the moisture barrier at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. The thermal liner and moisture barrier shall be stitched together and turned and top stitched to create a self-binding. The cuffs of the coat and pant liner system will have a anti-wicking binding to eliminate the possibility of wicking contaminants. The moisture barrier/thermal liner shall finish no more than 1" from the cuffs and 2" from the hem.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**MOISTURE BARRIER/ THERMAL LINER ATTACHMENT**

There shall be a zipper on each jacket facing, outboard of the main closure zipper, and a zipper around the collar to attach the outer shell to the thermal liner assembly. **NO**

**EXCEPTIONS**

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**INSPECTION PORTAL (COAT)**

The liner system will have an oversized opening located just above the rear bottom hem for the purpose of internal inspection. The opening will measure at least 12 1/2 inches and secure by means of a zipper. This opening will be such that it is covered with a finished flap of thermal liner material while being worn, but is easily accessible under that flap for inspection. There shall be no break in the thermal liner assembly in any way while being worn, both for safety and comfort.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**DRAG RESCUE DEVICE (DRD)**

A removable Firefighter Drag Rescue Device shall be installed in each coat. This DRD shall be of a single loop design. Two ends of approved material will be sewn together to form a continuous loop. The DRD will be installed in the coat between the liner system and outer shell such that when properly installed will loop around each arm. The strap will run through a reinforced high-point hole location located on the upper back of the coat, below the neckline, and centered so as to be accessible while wearing SCBA. The DRD material shall be sewn in such a way as to have a "handle" easily gripped with glove hands. This portion shall be on the outside of the coat through centered hole location and shall secure to the outside of the coat with two small patches of hook and loop material. The opening and "handle" shall be covered by a flap of outer shell material and shall feature reflective lettering stating "DRD", or, at a minimum, have a reflective patch for ease of visibility.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**COLLAR AND THROAT TAB**

The collar of the coat shall measure not less than three inches in height and will be graded to size. The collar will be a four-layer construction with two outside layers of outer shell material encapsulating the same components as thermal liner assembly inside. The collar shall extend to the leading edges of the coat front body panels so that no gap occurs at the throat area. The throat tab will be a four-layer construction with two layers of outer shell material encapsulating same components as thermal liner assembly. The throat tab shall be of an offset vee design for proper interface with an SCBA mask. The throat tab will be attached to the forward left front side of the collar.

The throat tab will be secured when closed with FR hook and loop. A 1 inch by 3 inches, minimum, FR loop will be sewn to the inside leading edge of the throat tab. A corresponding piece of FR hook measuring 1 inches by 3 inches, minimum, shall be sewn vertically to the

right outside leading edge of the collar for closure. There shall be a similar section of FR hook on the outside of the left collar rearward from the throat tab attachment point so the throat tab can be rolled back and stowed when not in use.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

### **SMOCKED BACK**

The back of the jackets will have smocking sewn into the jacket outer shell. The smocking will extend from the top of the shoulder seam near the sleeves and will extend down the sides of the jacket to just below the bottom of the arm attachment points. The thermal liner assembly shall have corresponding design to avoid bulk in the shoulder area. There shall be smocking in the underarm area as well. The shell smocking and liner design will help enhance mobility.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

### **SLEEVES**

The sleeves shall be of multi-panel construction and ergonomic design to follow the natural form of the arm. The sleeve ends shall be flare cut to protect the outside of wrist when rotating during wear.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

### **ELBOW REINFORCEMENTS**

The elbows of the coat shall be reinforced with Ara-shield, or equivalent. The elbow reinforcement material shall be sewn on the outside of the elbow area to allow for better conformation to the elbow and ease of mobility, and shall extend down the forearm to the sleeve end.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

### **SLEEVE CUFF REINFORCEMENT**

The sleeve cuffs shall be reinforced with black Ara-shield, or equivalent. The cuff reinforcements shall not be less than 2 inches in width and folded in half, approximately one half inside and one half outside the sleeve end for greater strength and abrasion resistance.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

### **WRISTLETS**

Each coat shall be equipped with full knit wristlets, with a fully finished, reinforced thumbhole design. These shall be of appropriate length and thumbhole positioned properly for comfort and best protection. The wristlets shall be sewn to the sleeve end of the thermal liner assembly. The wristlets must have stretch fabric in them for both horizontal and vertical hand and arm reach.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

### **STORMFLAP**

The storm flap will be centered over the left and right side body panels to ensure there is no interruption in thermal or moisture protection. The storm flap will consist of same components as thermal liner assembly sandwiched between 2 layers of outer shell material. The storm flap shall extend the full length of the front of the coat from bottom of



collar, to bottom hem of coat to insure no gaps.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

#### **NAPOLEAN-STYLE STASH POCKET**

Under the storm flap in the upper chest area will be a stash pocket located under the left front body panel. The pocket opening shall measure approximately 5- inches long. The inside pocket shall measure approximately 5-inches by 8-inches. The pocket shall be located between the outer shell and the liner system. This pocket will allow for storage of items for easy access without zipping open coat.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

#### **STORM FLAP AND COAT FRONT CLOSURE SYSTEM**

The coat shall be closed by means of zipper and hook and loop, a heavy duty high- temp polymer zipper of appropriate length for coat length, on the coat fronts and FR hook and loop on the storm flap. The storm flap shall close centered over the zipper securing the left and right coat body panels and shall be secured with FR hook and loop. Length of FR hook and loop shall be appropriate for the length of coat and run the full length of the storm flap vertically. An appropriate length of FR loop shall be installed along the underside leading edge of the storm flap. A corresponding appropriate length of FR hook shall be sewn to the front body panel and positioned to engage the loop Velcro when the storm flap is closed.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

#### **BELLOWS/HANDW ARMER**

Each coat will be equipped with Bellows/Handwarmer pockets on the left side and right side of the front of the coat. The pockets shall be located at the bottom of the coat near the storm flap and be inset in the respective body panels. These pockets will be closed by means of a zipper so as to minimize collection of contaminants while wearing during operations. There shall be an elastic take-up cord inside each handwarmer pocket to facilitate end-user ability to customize fit. All external pockets will be of removable molle design. Two sewn drain eyelets shall be installed in the bottom of each expansion pocket to facilitate drainage of water. The pockets shall be lined with KEVLAR Twill material on the inside. The pockets shall measure 2-inch-deep by 7-inch-wide by 9 inch high. The pocket flaps will be constructed of two layers of outer shell material, and shall measure approximately 5 inches by 1/2 inch wider than the pocket. There shall be a strip of Ara-shield material centered vertically on the pocket flap to facilitate easy gripping with a gloved hand. The pocket flap will be secured closed by means of a horizontal piece of FR loop installed on the leading edge of the underside of the pocket flap and three evenly spaced vertical tabs of FR hook on the outside upper portion of the pocket. This facilitates definitive closure, even if the pocket is full.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**FLASHLIGHT STRAP/PANT HOOK**

Each coat shall be equipped with a flashlight strap and an inward facing reverse pant hook. The strap will have FR hook and loop sewn to the ends to secure to itself. Each of these will be of the modular molle design and can be placed where needed by end- user.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**CONVERTIBLE RADIO POCKET**

Each coat shall have a pocket designed for the storage of a portable radio. This pocket shall be of box type construction, and be of modular molle design so as to be placed where needed by end-user, and shall have a sewn 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 1/4 inch wider than the pocket. The pocket flap shall be closed by means of FR hook and loop. There shall be a separate Ara- shield tab, approximately 3/ 4 inch by 5 inches, sewn centered overlaying the pocket flap vertically. This tab shall have an independent FR hook and loop closure. This facilitates the convertibility of the radio pocket by allowing the pocket flap to be stowed internally to allow better access to the radio knobs, while still securing the radio in the pocket. The pocket shall also have internal FR hook and loop sewn on the front and back of the pocket to allow for the pocket height to be adjusted internally for different size radios. This pocket should be Kevlar twill lined. The flap should be of a design to allow for radio antenna to protrude.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**MIC TAB**

A tab shall be constructed to hold a microphone for a portable radio. It shall be sewn to the coat at the ends only. The microphone tab shall be mounted centered above the radio pocket and shall be constructed of double layer outer shell material. Mic tab can also be placed on collar.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**REFLECTIVE FLUORESCENT TRIM AND PATTERNS**

The retroreflective fluorescent trim shall be approved yellow/silver Triple Trim. Each coat shall have reflective fluorescent trim sewn to the outside of the outer shell to meet the requirements of NFPA #1971 (current edition). The trim pattern shall be NFPA basic style with two full circumference bands of trim around coat, one at bottom hem, and one at level of bottom of sleeve attachment, and a single band around the arm near the cuff.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**SEWN ON RETROREFLECTIVE LETTERING**

Each coat shall have approved hanging rear patch for the 3 inch yellow letter reading **“FF NAME”**.

The upper back center of the coat will have Silkscreen letters to reading the fire department name.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

#### **SECTION 4- Pant Design and Construction**

##### **PANT CONSTRUCTION**

The pants shall be of multi-panel ergonomic design to provide better mobility and fit. The outer shell shall have a molle style system to facilitate customization of pocket placement by end user. The outer shell shall have the ability to be completely separated from the thermal liner assembly on scene while still being worn. This is to facilitate the minimization of contact time with harmful particulates.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

##### **SIZING**

The Pants shall be available in even size waist measurements and inseam measurements of two inch increments. Measured and built for each wearer. No generalize sizing.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

##### **LINER SYSTEM CONSTRUCTION**

The thermal liner will be sewn to the moisture barrier at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. The thermal liner and moisture barrier shall be stitched together and turned and top stitched to create a self-binding along the waist. The cuffs of the pant liner will be bound with anti-wicking material to avoid wicking of contaminants.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

##### **MOISTURE BARRIER/ THERMAL LINER ATTACHMENT**

The outer shell shall be able to be removed ON SCENE by the wearer while still in training the thermal liner and moisture barrier assembly. This is to minimize particulate contact time with the wearer. The outer shell shall be attached to the thermal liner assembly with a full zipper around waistband and a snap on each end near the fly. **NO EXCEPTIONS.**

There shall be a take-up cord around the waistband on the inside for the end-user to facilitate better fit. The legs of the thermal liner/moisture barrier shall be secured to the shell by means of two snap fasteners per leg located at the side seams.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**INSPECTION PORTAL (PANT)**

The liner system will have an oversized opening located at the top rear hem of the pant for the purpose of internal inspection. The opening will measure approximately 12 inches long. The opening will be secured with a zipper. This opening will be such that it is covered with a finished flap of thermal liner material while being worn, but is easily accessible under that flap for inspection. There shall be no break in the thermal liner assembly in any way while being worn, both for safety and comfort.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**SUSPENDER ATTACHMENT**

The pants will be equipped with four horizontal suspender attachment tabs, sewn horizontally across the length of top and bottom of each tab. There will be two in the front, and two in the back, positioned evenly for appropriate width of the suspenders. These shall be at the top, inside of the waist of the pants to make for low-slung suspender attachment points, for comfort for the wearer. The suspenders shall have quick-attach clips, and shall be of a padded H-back design.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**PANT CLOSURE SYSTEM**

The pants shall have a vertical fly closure with internal zipper and approximately 1 Y2 inch by 7 inch closure flap secured by FR hook and loop. There shall be a centering snap centered at the top of the fly. The fly flap shall be constructed of two layers of outer shell material with the same thermal liner assembly components sandwiched between. The fly flap will be stitched to the left side of the opening on front of pants and close centered over the zipper.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**TAKE UP STRAPS**

There shall be ara-shield take-up strap sewn to each side of the pant, below the belt line, centered over the side seam. These straps shall facilitate adjustability in the garment fit, and shall be made using approved materials.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

## **BELLOWS POCKETS**

Each pant will have a bellow expansion pocket of molle attachment style to facilitate placement where end-user needs it. The pockets will measure 2-inch-deep by 7-inch-wide by 9-inch-high. Two sewn drain eyelets shall be in the bottom of each bellows pocket to facilitate drainage of water. The pockets will be lined with Kevlar twill material on the inside. The pocket flaps will be constructed of two layers of outer shell material, and shall measure approximately 5 inches deep and 1/2 inch wider than the pocket. There shall be a strip of Ara-shield material centered vertically on the pocket flap to facilitate easy gripping with a gloved hand. The pocket flap will be secured closed by means of a horizontal piece of FR loop installed on the leading edge of the underside of the pocket flap and three evenly spaced vertical tabs of FR hook on the outside upper portion of the pocket. This facilitates definitive closure, even if the pocket is full. The right pocket shall have a removable Ara-shield tool pouch installed. This tool pouch shall be secured while in use by means of FR hook and loop.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

## **KNEE REINFORCEMENTS**

The knee area shall be reinforced with black Ara-shield material, or equivalent. The knee reinforcement material shall be sewn in a "cupped" design on the outside of the knee area to allow for better conformation to the knee and ease of mobility. This also lessens the chance for "rolling" of the protection.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

## **PADDING UNDER KNEE REINFORCEMENTS**

For greater thermal protection there shall be thermal liner material sewn internally in the garment. This shall pass minimum CCHR requirements. For greater comfort there shall be movable knee pads to be placed in internal pockets sewn to the inside of the thermal liner assembly in each leg.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**PANT CUFF REINFORCEMENTS**

The cuff area of the Pants shall be reinforced with black Ara-shield material, or equivalent. The cuff reinforcement shall be no less than 2 inches in width and folded in half to allow for equal protection on the inside and outside of the leg openings. The cuff reinforcement shall be stitched to the outer shell for better abrasion resistance in this area. Each pant cuff shall have two Velcro take up straps for snugging the pant cuff around the boot.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**PANT CUFF POCKET**

The bottom of the outside right leg cuff area shall have a 3" x 51 h" pocket with a 4" rap with snap 11 h" above the pocket.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**BOOT CUT**

The Pant leg cuffs will be constructed so that the back of the leg is higher than the front to provide less chance of "walking off" the back of the cuffs.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

**REFLECTIVE FLUORESCENT TRIM**

The Pants shall have a stripe of reflective fluorescent trim encircling each leg just above the lower hem to comply with the requirements of NFPA 1971 (current edition) in 3 inch red/orange Triple Trim.

**Does Your Bid Comply With All Aspects Of This Section? Yes \_\_\_\_\_ No \_\_\_\_\_**

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

**The Bidder shall provide a price for the pants with the harness and belt feature and without the harness and belt feature.**

**BID AUTHORIZATION AND SIGNATURE**

**Bids are to be signed by an officer of the company authorized to bind the submitter to its provisions. Failure to manually sign and notarize this bid form will disqualify the bidder and the bid will not be considered.**

\_\_\_\_\_  
**Company**

\_\_\_\_\_  
**Telephone Number**

\_\_\_\_\_  
**Authorized Signature**

\_\_\_\_\_  
**Witness**

\_\_\_\_\_  
**Typed Name and Title**

\_\_\_\_\_  
**Federal Identification #**

\_\_\_\_\_  
**Address, (P.O. Box or Street) City, State, Zip**

\_\_\_\_\_  
**E-Mail Address**

On this \_\_\_ day of \_\_\_\_\_, 20\_\_\_ before me \_\_\_\_\_  
(name)

to me personally known, being duly sworn, did execute the foregoing proposal, and did so state that

he/she was properly authorized by \_\_\_\_\_  
(Company name)

**SEAL**

to execute the proposal and did so on his/her free act and deed.

Notary Public \_\_\_\_\_ My commission expires \_\_\_\_\_



The following information is requested for statistical purposes only. Provisions or omission of this information will NOT affect the award of this contract.

Bidder certifies that:

- A)  Yes, we are a woman-owned business  
 No, we are not a woman-owned business
- 

- B)  Yes, we are a minority-owned business  
 No, we are not a minority-owned business

If yes, please identify in appropriate box below:

- Black  
 Hispanic  
 Native American Indian  
 Asian American, including Indian Subcontinent/Pacific Islands  
 Socially and Economically Disadvantaged  
 Disabled



## Winston-Salem

### NO BID / PROPOSAL INFORMATION FORM

Bid No. \_\_\_\_\_

Bid Description: \_\_\_\_\_

*If your firm elects not to submit a proposal, please complete and email this form to:*

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Email: \_\_\_\_\_

*Please check all that apply:*

Cannot provide the product(s) or services required

Cannot be competitive

Cannot meet specifications described in attached bid

Cannot provide insurance required

Cannot provide bonding required

Cannot comply with indemnification requirements

Job too large

Job too small

Do not wish to do business with the City of Winston-Salem

Company's current workload does not allow for additional work

Other Reason:

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

Agent Name: \_\_\_\_\_

Office Phone: \_\_\_\_\_

Email: \_\_\_\_\_