



## INVITATION TO BID

Bid Number: 15-3358 Date issued: August 24, 2015

Date & Time Bid Opening: Tuesday, September 8, 2015 at 10:00 a.m.

The City of North Little Rock is seeking bids for:  
**TURNOUT GEAR FOR THE NORTH LITTLE ROCK FIRE DEPARTMENT**

Specifications are attached.

Please direct technical questions to Capt. Cranford at 501-340-5410.

For bidding procedure and/or bid document questions, please contact the Commerce Department at 501-975-8881.

### Product

Coat/Trouser Combination – Level 3	Each @ \$ _____
Boots	Each @ \$ _____
Helmet	Each @ \$ _____
Spyder Gear	Each @ \$ _____
Wildland Firefighting Glove	Each @ \$ _____
ANSI-Complaint Google w/Durable Face Padding	Each @ \$ _____

### Unit Bid Price

THE ATTACHED SPECIFICATION SHEETS SHOULD BE MARKED WHETHER YOU ARE COMPLYING WITH THE SPECS OR ARE TAKING EXCEPTION TO THEM.

Unless otherwise stated, the use of a manufacturer's name and product number are for descriptive purposes and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items stated.

Plans, specifications, proposal forms and other contract documents may be examined at the following locations:

- Department of Commerce and Government Affairs, 120 Main Street, North Little Rock, AR 72114
- [www.northlittlerock.ar.gov](http://www.northlittlerock.ar.gov)

The City of North Little Rock encourages participation of small, minority, and woman own business enterprises in the procurement of goods, services, professional services, and construction, either as a general contractor or sub-contractor. It is further requested that whenever possible, majority contractors who require sub-contractors, seek qualified small, minority, and woman businesses to partner with them.

If you are obtaining this bid from our website, please be reminded that addendums may occur. It is therefore advisable that you review our listings for attachments including any changes to the bid.

**Note: FAILURE TO FILL OUT AND SIGN THE INVITATION TO BID SHEET WILL RESULT IN REJECTION OF THE BID.**

#### EXECUTION OF BID

Upon signing this page, the organization certifies that they have read and agree to the requirements set forth in this bid including conditions set forth and pertinent information requests.

Name of Firm: \_\_\_\_\_ Phone No.: \_\_\_\_\_

Arkansas Tax Permit No.: \_\_\_\_\_

Business Address: \_\_\_\_\_

Signature of Authorized Person: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_, 2015

**UNSIGNED BID COVER SHEET WILL BE REJECTED.**

## **TECGEN XTREME® Protective Gear Coat/Trouser Combination-Level 3 Full Manufacturer Specifications**

### **Certifications:**

This garment shall meet and be third (3<sup>rd</sup>) party certified to all applicable requirements of NFPA 1977 and NFPA 1951 current editions.

### **Outer Shell Material**

The outer shell shall be constructed of an inherent FR Fiber blend containing patented TECGEN® bioregional carbonaceous fiber and para aramid with an approximate weight of 6.5oz. per square yard, and shall be treated with a durable water repellent finish.

### **Seams**

All seams shall comply with the most recent NFPA 1977 and NFPA 1951 edition requirements utilizing 100% aramid fiber thread.

### **Outer Shell Body Assembly**

The body of the outer shell shall be constructed of a single (1) panel, one (1) back and two (2) front, to provide a more comfortable fit. Each panel shall be joined together with a compliant seam.

### **Collar**

The collar shall be two (2) layer configuration such that when the collar is raised it will remain standing and provide continuous thermal and moisture protection around the neck and face. To ensure this protection, the liner shall extend into the collar area by one and one-half inches (1 1/2"), and be secured horizontally by a one inch (1") strip of hook tape along the base of the neckline inside the collar.

### **Outer Shell Throat Strap**

The frontal throat strap shall be mounted to the outer shell collar to ensure that, when the coat is closed and the collar raised, the throat strap shall prevent any opening between the left and right collars, and shall overlap the left and right coat fronts below the collar.

### **Hang Up Loop**

A hang up loop shall be mounted to the exterior of the outer shell and shall be constructed of two (2) layers of NFPA 1977 and NFPA 1951 (current editions) approved fabric. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is hung by this loop, loaded evenly with a weight of 80 pounds and allowed to hang for one (1) minute.

### **Built-In Bellows (Coat)**

Built-in bellows construction shall consist of a bi-wing design to ensure maximum upper body freedom of movement including complete arm mobility when reaching up and/or forward. This system omits extra seams and gives better comfort to the wearer.

### **Glove Interface Adjustments (Coat)**

The wrist cuffs shall be signed with the ability to adjust the circumference using a hook and loop closure system to fit snugly against the gloves worn during service.

### **Waist Adjustments (Trouser)**

The trouser shall be designed with a waist take-up system that can be adjusted via one inch (1") wide take-up straps to provide proper and comfortable fit given various types of undergarments worn underneath the trouser.

### **Leg Adjustments (Trouser)**

The trouser shall be designed with a leg take-up system that can be adjusted via take-up straps to provide proper and comfortable fit given various types of footwear worn during service.

**Pockets (Coat)**

Standard construction consists of four (4) pockets: (1) 3.5"Wx8"Hx3"D radio pocket with mic tab and closure flap on the left chest, (1) 6"Wx7"H bellows pocket with closure flap on the right chest, (2) 8"Wx7.5"H pockets with closure flaps located on the left and right sides of the abdomen.

**Pockets (Trouser)**

Standard construction consists of (2) 8.5"x8.5" cargo pockets with closure flaps located on the outside legs middle thigh to just above the knee.

**Reinforcements (Coat)**

The elbows shall be reinforced with Stedshield® FR reinforcement fabric in a manner that will provide additional abrasion, cut and tear protection to the elbows and forearms.

**Reinforcements (Trouser)**

The knees shall contain a removable padded insert and be reinforced with Stedshield® FR reinforcement fabric in a manner that provides additional abrasion, cut and tear protection to the knees and upper shin area. The trouser cuffs shall also be reinforced with Stedshield® FR fabric in a manner that will minimize wear and tear on the cuffs and the instep of the garment.

**Reflective Trim**

All trim shall be 3M Scotchlite® brand lime yellow with silver reflective triple trim two inch (2") in New York style configuration.

**Other**

- The coat shall have a detachable nameplate on the back just above the reflective trim at the coat hem.
- Suspender loops.
- Nineteen (19) letters between the department and FF names included at no charge.

Compliant

Exception

## Boot Specifications 9" Wildland/Station Boot

These specifications are intended to define the minimum requirements for Wildland Firefighting and Emergency Medical Operations.

These specifications are to meet or exceed the requirements for NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting and NFPA 1999 Standard on Protective Clothing for Emergency Medical Operations, latest edition.

### Construction

Lace up front zipper style with boot height measured at nine inches (9"), measured in accordance with measurement requirements of NFPA 1977 and NFPA 1999, latest edition.

- Compliant       Exception

All leather, hydrophobic (water cannot penetrate leather from the outside, but water vapor from foot perspiration can be released through the leather from the interior to the exterior of the boot), breathable, 2.0-2.2mm thickness. Tested to be hydrophobic in a Penetrometer for a minimum of one-hundred twenty (120) minutes. Free of PCP, AZO and Chromium VI.

- Compliant       Exception

Leather is treated to reduce the heating effect of the upper leather. Sunlight is reflected by the leather, keeping the leather and the feet cooler.

- Compliant       Exception

Built-in climate system that permits air circulation with every step-moist air is released and fresh air comes in through vent holds at the top of the boot. Mesh fabric of approximately five-eighths (5/8") inches (measured from the upper edging margin.)

- Compliant       Exception

Built-in arch support that supports the arch of the foot in its natural, ideal position.

- Compliant       Exception

Waterproof inner liner of CROSSTECH®. Bloodborne pathogen and chemical resistant. Inner liner is firmly secured and sealed along with the upper leather beneath the sole for a liner that will not pull out or wrinkle over time. Inner lining minimally glued to upper to prevent detachment and allow full breathability of the leather.

- Compliant       Exception

Combined Lacing/Zipper system where the outer lying boot laces run longitudinally. Equipped with a 20mm wide zipper pull tag. Pull tag is fitted to the gripping plate with a rivet and shim. A suiting fixation for the pulling tag is to be put on the zip fastener system to avoid unintentional opening. Securing runners are fitted at the upper end of the zip fastener tongue to prevent zip fastener head from being pulled out of the zipper fastener. Securing runners will completely surround the zip fastener and the upper leather of the zip fastener gusset.

- Compliant       Exception

Water repellent flat laces made of NOMEX, color black.

- Compliant       Exception

One pull on loop at the back made from upper leather and reinforced with textile strip.

- Compliant       Exception

Integrated heel bend with padded leather.

Compliant  Exception

Polyamide or polyester threads, with a minimum thickness of Nm 30/3, water repellent.

Compliant  Exception

Slip resistant rubber sole. Heat resistant at 572 degrees Fahrenheit for at least one (1) minute. Oil and fuel resistant, non-marking, self-cleaning.

Compliant  Exception

Non-metallic mid-sole puncture protection cast into the sole. Meets ASTM F2413 PR (1200 N/270 lbf.), latest edition and CAN Z195 (Grade 1), latest edition.

Compliant  Exception

Anatomically formed abrasion resistant insole. Removable and machine washable.

Compliant  Exception

Leather fiber heel counter, anatomically forms.

Compliant  Exception

Composite toe cap with rubber transient to avoid damage to the membrane which meets ASTM F2413 (Class 75), latest edition and CAN/CSA Z195 (Grade 1), latest edition.

Compliant  Exception

Exterior smooth rubber toe cap with furrowed seaming at the end to protect from scrubbing the seams.

Compliant  Exception

**Sizing**

Men's sizes 4 ½-15 whole and half sizes. Women's sizes 5-10 whole and half sizes.

Compliant  Exception

Three widths: Medium, Wide and Extra Wide

Compliant  Exception

**Care, Warranty and Labeling**

Manufacture User Guide relating to care and use of NFPA certified footwear should be provided and packaged with each pair of boots.

Compliant  Exception

A minimum of a one (1)-year warranty covering defect in workmanship and materials, including the CROSSTECH® moisture barrier, as long as boots are used and cared for in accordance with manufacturer instructions. A copy of manufacturer's warranty must be submitted with bid proposal.

Compliant  Exception

Out of warranty footwear can be refurbished with original factory parts which include repair or replacement of stitching, profiled rubber toe caps, soles and insoles. Footwear can be cleaned and deodorized. Additional option of sole replacement only and profiled rubber toe cap replacement only.

- Compliant       Exception

Boots should be tested and certified by Underwriter's Laboratories or Safety Equipment Institute (SEI) to NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting and NFPA 1999 Standard on Protective Clothing for Emergency Medical Operations, latest edition. A current copy of manufacturer's certification must be submitted with bid proposal.

- Compliant       Exception

Boots should be permanently and clearly labeled that boots meet NFPA 1977; NFPA 199; ASTM; and CAN/CSA Z195, current edition.

- Compliant       Exception

Boots must be clearly and permanently labeled with manufacturing information, including country of origin and manufacturing date.

- Compliant       Exception

**Wildfire helmet**  
**Model FH911HR & FH911XL**  
**Technical Specifications**

**COMPLIANCE:**

Helmet shall meet or exceed all performance standards and specifications under NFPA 1977-2011, ANSI/ISEA Z89.1-2009, Type I, Class E & G, Cal-OSHA, State of California Class A, and US-OSHA.

**HELMET CONSTRUCTION:**

Outer Shell-Helmet shall be constructed of heat-resistant thermoplastic and feature a distinctive three-rib trademark.

**SUSPENSION:**

Shock attenuation system shall consist of a 6-point crown strap suspension that is anchored to the outer shell and positioned to distribute energy over three (3) cross straps that attach at six (6) points. Helmet shall utilize ratchet adjustment incorporated into the headband suspension system. The helmet suspension shall contain vertical adjustments (2 front, 2 side and 3 rear). Suspension and headband shall contain no metal components.

**ACCESSORIES:**

Helmet shall include an adjustable chin straps, three (3) goggle clips, three (3) lime yellow Scotchlite® strips, and three (3) Velcro® attachment strips on inner shell. It features a replaceable padded cotton brow pad, and leather ratchet cover.

**PHYSICAL CONFIGURATION:**

Basic helmet shall feature a full-brim, hat-style design with the following specifications: Length 12 ½"; Width 10 ¾"; Extra-large helmet shell feature: Length 13 ¼" Width 11".

**HELMET COLORS:**

Helmet shell shall be colorfast, not painted. Basic helmets shall be available in seven (7) standard colors: White, red, yellow, black, orange, blue and lime-yellow. Extra-large helmets shall be available in three (3) standard colors: White, red and yellow.

**WARRANTY:**

The manufacturer warrants to the original purchaser that the entire helmet will be free of defects in material and workmanship, under normal use and service, for a period of two (2) years from the date of manufacture.

**EAR/NECK/FACE PROTECTORS ARE SOLD SEPARATELY.**

**POINTS OF ATTACHMENT:** 6

**HEADBAND SIZES:** 6 1/2-8 (52-68cm)

**SIZING LOCATION:** Rear

**INCREMENTAL SIZING:** Continuous ratchet

**# Vertical Adjustments:** 2-Front, 2-Side, 3-Rear

**CROWN STRAP MATERIAL:** Woven Nylon

**CROWN STRAP WIDTH:** 1" (25mm)

**COLOR OF CROWN STRAPS:** Yellow

**BROW PAD MATERIAL:** Padded Cotton

**REPLACEABLE BROW PAD:** Yes

**LEATHER RATCHET COVER:** Yes

**UNDERBRIM ANTI-GLARE STRIP:** Yes

**ADJUSTABLE CHIN STRAP:** Yes

Compliant

Exception

## SPYDER GEAR

Everything quickly attaches with the new hybrid attachment system which allows for true MOLLE attachment while also being backward compatible with the ALICE system. Small gear bag is designed to carry items like Powerbar®, mobile phone, GPS, wallet, keys, map, weather meter, head lamp, etc. Approved for use by the Cal Fire Personal Protective Equipment (PPE) Working Group and NFPA 1977 Certified.

### FEATURES:

- Removable New Generation shelter case that can be rear mounted.
- Removable gear bag with 250 cu in capacity (8"x8"x3")
- Removable accessory pocket holds 1L water bottle
- 3L Hydration system
- New MOLLE attachment system
- Technology: SCS™-Super Compression Suspension
- Capacity 250 cu in

### CAPACITY:

- 250 cubic inches

### MATERIALS:

- 1000D Cordura®, Nylon Webbing, #8 YKK®
- Zipper, Nylon Hardware

### WEIGHT:

- 1.75 lbs

Compliant  Exception



## SPECIFICATIONS FOR PRO-TECH 8W-WILDLAND FIREFIGHTING GLOVE MODEL PT-8WK

Manufactured in ISO 9001:2008 Compliant Factory

### DESCRIPTION:

The Pro-Tech PT-8WK glove is specifically designed and constructed for hand protection wildland firefighting activities. The component materials are designed to withstand the effect of flame, heat, sharp objects and other hazards that are encountered during wildland firefighting operations.

The glove will meet or exceed the NFPA 1977 Standard-2011 Edition- on Protective Clothing and Equipment for Wildland Fire Fighting. Certifying Agent: Safety Equipment Institute McLean, Va.

### DESIGN AND FEATURES:

An extremely flexible and comfortable glove that provides thermal protection and cut resistance. Durable but soft brushed full grain cow hide leather supports maximum grip and dexterity along with finger sidewalls sections that are independently cut and sewn. The palm and palm side thumb are strategically reinforced with the sueded leather to reduce the effects of wear and abrasion.

- The glove body is extended in the cuff area to provide maximum protection and reduce the risk of exposure at the glove/sleeve interface.
- 100% Kevlar knit wristlet cuff (Model #PT-8WK).
- Gathered stitching is used around the entire wrist to secure the fit.
- The glove inner liner is sewn in at each fingertip to eliminate pull-out.
- A leather hang-up loop is provided on the glove inside for easy drying and storage.

### MATERIALS AND LAYERING:

The outer shell and palm reinforcement are water-proof sueded full-grain cow hide, tanned and designed to resist cracking, peeling and stiffening while also providing a sure grip when wet.

The gloves are fully lined with a modacrylic knit fabric for enhanced thermal protection and comfort.

100% KEVLAR high burst thread is used throughout the glove.

### SIZING:

The gloves will be available in X-Small, Small, Medium, Large, XL; XXL; XXXL.

Compliant  Exception

**STRIKETEAM XTO™**  
**ANSI-Compliant Goggle with Durable Face Padding**

**DESCRIPTION:**

The ESS Striketeam Series is a high performance goggle line intended for Wildland Firefighting, Rescue and EMS applications. All Striketeam models offer the highest level of comfort, optical clarity and impact protection. All goggle components are heat and flame resistant, including the face padding and vent foam. The patented Speed-Clip system adapts to all wildland and rescue helmets and facilitates quick strap adjustment, even with gloves on.

The Striketeam XTO™ features closed-cell face padding for maximum durability and ease of cleaning. The Striketeam XTO™ is compliant with wildland fire equipment, performance requirements, including the 350°F for 5-minute over test.

**FRAME & LENS OPTIONS:**

**FRAME:** Gray

**LENS COLOR:** Clear

**KEY FEATURES:**

- All goggle components are heat & Flame resistant.
- 1-piece wrap-around strap with Velcro® tabs.
- Patented Speed-Clip™ system facilitates quick strap adjustment.
- Full-perimeter hybrid ventilation/filtration system minimizes lens fogging, filters smoke and airborne particles.
- Closed-cell face padding is smooth, durable and easy to clean.
- Interchangeable 2.6mm high-impact Polycarbonate lenses.
- Advanced ESS ClearZone™ FlowCoat lenses eliminate fog inside and prevent scratches outside.
- Distortion-free optics and 100% UA/UVB protection.
- Roomy frame fits over most prescription eyewear.

Compliant  Exception

**Awarded bidder shall size all members of the North Little Rock Fire Department at Central Fire Station located at 723 Maple Street, North Little Rock, Arkansas 72114.**

Compliant  Exception

**TERMS AND STANDARD CONDITIONS  
CITY OF NORTH LITTLE ROCK, ARKANSAS**

PLEASE READ CAREFULLY

1. When submitting an "Invitation to Bid," the bidder warrants that the commodities covered by the bid shall be free from defects in material and workmanship under normal use and service. In addition, bidder must deliver new commodities of the latest design and model, unless otherwise specified in the "Invitation to Bid."
2. Prices quoted are to be net process, and when an error is made in extending total prices, the City may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.
3. Discounts offered will be taken when the City qualifies for such. The beginning date for computing discounts will be the date of invoice or the date of delivery and acceptance, whichever is later.
4. When bidding other than the brand and/or model specified in the "Invitation to Bid," the brand and/or model number must be stated by that item in the "Invitation to Bid," and descriptive literature be submitted with the bid.
5. The City reserves the right to reject any and all bids.
6. The Purchasing office reserves the right to award items, all or none, or by line item(s).
7. Quality, time and probability of performance may be factors in making an award.
8. Bid quotes submitted will remain firm for 30 calendar days from bid opening date; however, the prices may remain firm for a longer period of time if mutually agreeable between bidder and the Commerce Department.
9. Bidder must submit a completed signed copy of the front page of the "Invitation to Bid" and must submit any other information required in the "Invitation to Bid."
10. In the event a contract is entered into pursuant to the "Invitation to Bid," the bidder shall not discriminate against any qualified employee or qualified applicant for employment because of race, sex, color, creed, national origin or ancestry. The bidder must include in any and all subcontracts a provision similar to the above.
11. Sales or use tax is not to be included in the bid price, but is to be added by the vendor to the invoice billing to the City. Although use tax is not to be included in this bid, vendors are to register and pay tax direct to the Arkansas State Revenue Department.
12. Prices quoted shall be "Free on Board" (F.O.B.) to destination at designated facility in North Little Rock. Charges may not be added after the bid is opened.
13. In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders or split in any proportion between them at the discretion of the Commerce Department.
14. Specifications furnished with this Invitation are intended to establish a desired quality or performance level, or other minimum dimensions and capacities, which will provide the best product available at the lowest possible price. Other than designated brands and/or models approved as equal to designated products shall receive an equal consideration.
15. Samples of items when required, must be furnished free, and, if not called for within 30 days from date of bid opening, will become property of the City.
16. Bids will not be considered if they are: 1. Submitted after the bid's opening time. 2. Submitted electronically or faxed (unless authorized by Purchasing Agent).
17. Guarantees and warranties should be submitted with the bid, as they may be a consideration in making an award.
18. **CONSTRUCTION**
  - A. Contractor is to supply the City with evidence of having and maintaining proper and complete insurance, specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability and Property Damage. All premiums and cost shall be paid by the Contractor. In no way will the City be responsible in case of accident.
  - B. When noted, a Certified check or bid bond in the amount of 5% of total bid shall accompany bid.
  - C. A Performance Bond equaling the total amount of any bid exceeding \$10,000.00 must be provided for any contract for the repair, alteration or erection of any public building, public structure or public improvement (pursuant to Act 351 or 1953 as amended by Act 539 of 1979).
19. **LIQUIDATED DAMAGES** - Liquidated damages shall be assessed beginning on the first day following the maximum delivery or completion time entered on this bid form and/or provided for by the plans and specifications.
20. **AMBIGUITY IN BID** - Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance by the bidder with specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the City.
21. The bid number should be stated on the face of the sealed bid envelope. If it is not, the envelope will have to be opened to identify.
22. Whenever a bid is sought seeking a source of supply for a specified period of time for materials and services, the quantities of usage shown are estimated ONLY. No guarantee or warranty is given or implied by the participants as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for the bidders information ONLY and will be used for tabulation and presentation of bid and the participant reserves the right to increase or decrease quantities as required.
23. The City of North Little Rock reserves the right to reject any and all bids, to accept in whole or in part, to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by the bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the City of North Little Rock may accept the bid for the lesser amount whether reflected by the extension or by the correct multiple of the unit price.
24. Additional information or bid forms may be obtained from:  
COMMERCE DEPARTMENT, 120 Main Street, P.O. Box 5757, North Little Rock, Arkansas 72119 (501) 975-8881 [www.nlr.ar.gov](http://www.nlr.ar.gov)

**Bidding documents must be submitted on or before the bid's opening date and time. Unless noted, sealed bids must be submitted to the Commerce Department at 120 Main Street, North Little Rock, AR 72114 or PO Box 5757, North Little Rock, AR 72119**