

# Turnout Gear Specification

Pittsburg Fire Department



911 W 4<sup>th</sup>

Pittsburg, KS, 66762

620-231-1870

Captain Jerod Alexander

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Lieutenant Daulton Crays

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## **NOTICE TO BIDDERS**

The City of Pittsburg, Kansas will accept sealed bid proposals until 06/30/2023, at 10:00 a.m. to PURCHASE the following:

### **FIREFIGHTER TURNOUT GEAR CITY OF PITTSBURG FIRE DEPARTMENT**

Specifications and bid forms are available from Daulton Crays, Lieutenant, by calling (620)238-4015 or by writing to the address indicated above. Any bids received after the specified deadline will be returned to the vendor.

The City reserves the right to evaluate all bids, to reject any or all bids and re-bid at a later date. The City may waive any irregularities in the bid or negotiate variances from specifications, and make awards that are in the best interests of the City. The City will have final decision in all matters regarding acceptance of bids and issuance of awards.

Finance Director: Ronda Shelton

Fire Chief: Taylor Cerne

**Publication Date: 05/15/2023**

**Pittsburg Fire Department  
Terms and Conditions  
Protective Jacket and Pants for Structural Firefighting**

1. **Instructions to Vendors:** Please review all specifications requested for the purchase of structural turnout gear by the Pittsburg Fire Department. Within the specification page please indicate if you can comply or if you have an exception to the specification. If you have an exception to the specification it should be clearly explained in the Exceptions Document at the end of this bid request. Once you have reviewed the specification please fill out the bid form completely and return to the Pittsburg Fire Department, Attn: Lieutenant Daulton Crays
2. **Purpose:** This document constitutes an invitation for bid from prospective bidders for the establishment of a term contract to provide firefighting turnout gear to include the sizing of individual members of the city of Pittsburg Fire Department as needed throughout the contract term, in accordance with the specifications stated herein.
3. **Contract Term:** The contract term for the pricing of the structural firefighter turnout gear will be for a minimum of three (3) years and maximum of five (5) years and should guarantee pricing during the life of the contract.
4. **Price:** Bidder shall include ALL costs associated with each item within the quoted price. No additional charges will be allowed for freight, federal or state regulations, hazardous material charges, surcharges, etc., that are not specifically included within the written price agreement. This shall be itemized in the bid.
5. **Estimated Quantities:**  
The City of Pittsburg Fire Department is currently planning a one-time bulk purchase of up to 35 sets of gear in 2023. This will then become an annual order of 7-11 sets.
6. **Minimum Order Requirements:** Minimum order requirements are not acceptable.
7. **Authorized Dealer:** The bidder shall be an authorized dealer, distributor, and/or representative of the manufacturer for the product bid.
8. **New:** The items shall be new and the manufacturer's standard model in current production shall comply with all performance specifications; including all standard functions and accessories as advertised or otherwise represented by the bidder and/or the manufacturer. Items bid shall not include components or finished units that are of a prototype nature or that have not been in production for a sufficient period of time.

9. **Substitutions or Alternatives:** The City of Pittsburg will not accept any substitutions or alternatives on brand or model number due to the purpose of establishing a standard of quality, uniformity, and standardization of equipment for the city.
10. **Warranty:**
- a. Seller expressly warrants that all articles, materials, and work covered by this contract will conform to each and every specification, drawing, sample, or other description which is furnished to or is adopted by the city and that they will be fit and sufficient for the purpose intended, merchantable, of good material and workmanship, and free from defect. Such warranty shall not be deemed waived either by reason of the city's acceptance of said material or goods or by payment for them.
  - b. The Pittsburg Fire Department desires a warranty on materials and workmanship for the serviceable life of the gear when properly used and cared for. A copy of the manufacturer's warranty shall be provided with the bid. Warranty shall include repair to the satisfaction of the Pittsburg Fire Department or replacement at no additional cost to the Pittsburg Fire Department. The contractor shall be responsible for all transportation costs incurred during the warranty period. The Pittsburg Fire Department shall be furnished a "no charge" invoice for all work performed under warranty indicating the type of work performed and materials replaced.
11. **Inspection/Acceptance:** All merchandise shall be inspected before acceptance by an authorized representative of the Fire Department for workmanship, appearance and proper functioning of all components, and conformance to all requirements of these specifications. Failure in compliance will be cause for the purchaser to reject all or part of the order should deficiencies be found.
12. **Basis of Award:** Award will not be made on price alone. Other factors that will be considered besides the lowest price include but are not limited to:
- a. Compliance with bid specifications and requirements
  - b. Capability of bidder to provide the product and/or service, including the availability of person(s) to take necessary measurements, who are proficient in properly fitting custom sized gear
  - c. Prior performance and experience
  - d. The ability to deliver as close to sixty (60) calendar days as possible
13. **Questions:** All questions regarding this bid should be directed to Lieutenant Daulton Crays [daulton.crays@pittks.org](mailto:daulton.crays@pittks.org); (620)238-4015 or Captain Jerod Alexander [jerod.alexander@pittks.org](mailto:jerod.alexander@pittks.org); (620)231-1870

**City of Pittsburg Specifications  
For Personal Protective Equipment  
2023**

- 1. Scope of Work:** The successful bidder shall provide all labor, materials and supplies, transportation, licenses, taxes, insurance, and any and all other items necessary to provide Firefighting Turnout Gear, to include the sizing of individual members of the Pittsburg Fire Department.
  
- 2. Customer Service Representative:** The Vendor shall have a customer service representative who will be available to meet with, and/or assist the designated representative of the Pittsburg Fire Department. The customer service representative must be available to respond to inquiries regarding contract products, to resolve issues regarding products received, to take individual sizing, to address fitting problems or other issues that may arise.
  
- 3. Sizing:**
  - a. Sizing shall be taken according to a schedule and location mutually agreed upon between the vendor and the Pittsburg Fire Department. The vendor shall provide sizing of personnel within two weeks of notification by the Pittsburg Fire Department.
  - b. Sizing shall be taken at Pittsburg Fire Department, our preference is to schedule to take measurements on the staff members shift, however, if necessary notification of a single day in which all sizing can be taken will be considered.
  - c. Male and female sizing shall be available.
  - d. Sizing shall be done by custom individual measurements, but sizing sets must be available for individuals to confirm fit and comfort if they desire
  
- 4. Repairs and Alterations:** Should repairs or alterations need to be made, the product should be returned in no more than six weeks from the time it is reported.
  
- 5. Delivery:**
  - a. **All firefighting turnout gear provided under this contract shall be delivered within sixty (60) calendar days from receipt of order. If a vendor can deliver in a shorter time frame than the specification please note this in the bid document.**
  - b. All items shall be delivered F.O.B., Freight Prepaid and Allowed, Inside Delivery.
  - c. If the vendor has a "rush option" please note the additional cost and time estimated for delivery.

**Vendor able to comply:**                      **Yes:** \_\_\_\_\_                      **No:** \_\_\_\_\_

**Exceptions:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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**City of Pittsburg General Specifications  
For Firefighter Turnout Gear  
2023**

**1. Scope**

**This specification details design and materials criteria to afford protection to the upper and lower body, excluding head, hands, feet, against adverse environmental effects during structural firefighting. All materials and construction will meet or exceed NFPA Standard #1971 and OSHA for structural firefighters protective clothing.**

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**2. Third Party Testing and Listing Program**

All components used in the construction of these garments shall be tested for compliance to NFPA Standard #1971 by Underwriters Laboratories (UL). Underwriters Laboratories shall certify and list compliance to that standard. Such certification shall be denoted by the Underwriters Laboratories certification mark. All hook and loop will be fire-rated and all thread used for stitching will be fire rated.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**3. ISO Certification/Registration**

The protective clothing manufacturer shall be certified and registered to ISO Standard 9001 to assure a satisfactory level of quality. Indicate below whether the manufacturer is so certified and registered by checking either "Yes" or "No" in the space provided.

**Yes**\_\_\_\_\_ **No**\_\_\_\_\_

**4. Warranty**

The manufacturer shall warrant these jackets and pants to be free from defects in materials and workmanship for their serviceable life when properly used and cared for.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**5. Labels**

Appropriate warning label(s) shall be permanently affixed to each garment. Additionally, the NFPA certification label shall include the following information:

- Compliance to NFPA Standard #1971
- Underwriters Laboratories classified mark
- Manufacturer’s Name
- Manufacturer’s Address
- Manufacturer’s Garment Identification Number
- Date of Manufacture
- Size

**The Pittsburg Fire Department issues our own ID number to each garment, if the vendor has the ability to add this ID number to the label please indicate with the bid.**

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**6. Sizing**

In order to ensure that every member of the Pittsburg Fire Department can safely perform to the maximum of their ability without extra bulk and without restriction, Structural Coats and Pants shall be available in all sizes, dimensions, and cuts(relaxed, women’s, or any options available by vendor) as follows:

Pants:

- Gender: Male or Female
- Waist: Even Sizes
- Inseam: Even Sizes

Coats:

- Gender: Male or Female
- Chest: Even Sizes
- Sleeve: 1” increments

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**7. Country of Origin**

All turnout gear shall be manufactured in the United States.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**TURNOUT SPECIFICATIONS (GENERAL)**

**1. Outer Shell Material - (Coat and Pants)**

The outer shell shall be constructed of PBI Max® 7oz. The fabric color will be Black.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**2. Thermal Insulating Liner – (Coat and Pants)**

The thermal insulating liner will be a traditional liner constructed of Glide Ice™ 2-Layer 60% NOMEX® filament yarn with 40% NOMEX / Lenzing FR® blend spun yarn, twill weave.

And or

Glide Ice™ NOMEX® NANO 60%% NIMEX® filament yarn with 40% NOMEX® / LENZING FR® blend spun yarn, twill weave.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**3. Moisture Barrier – (Coat and Pants)**

The moisture barrier will be constructed of Crosstech Black®, NOMEX® fabric woven from spun fibers (pajama check).

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**4. Reflective Trim – (Coat and Pants)**

Reflective trim for the structural firefighter gear will consist of 3M™ SCOTCHLITE™ COMFORT TRIM (Orange) reflective material bonded to a heat-activated adhesive.

OR

3” New York style Orange Perforated Triple Trim sewn on with double row continuous stitching.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_



## TURNOUT COAT SPECIFICATIONS

### 1. Coat Wristlets

Minimum of a 6" double layer Nomex water proof wristlet with continuous moisture barrier sewn to liner system with 5/8" x 3 1/8" Nomex webbing thumb loop.



Comply\_\_\_\_\_

Exception\_\_\_\_\_

### 2. Firefighter Drag Rescue Device

A DRD Firefighter Recovery device shall be installed in each turnout coat to meet NFPA Standard #1971.

Comply\_\_\_\_\_

Exception\_\_\_\_\_

### 3. Coat Shell Attachment

1 x 2" self-fabric strap w/ one (1) end sewn to coat shell and opposite end loose w/one (1) female non-logo snap, one (1) male snap on liner centered at bottom rear panel to align w/female snap.

Comply\_\_\_\_\_

Exception\_\_\_\_\_

### 4. Coat Collar

Variable-height collar™ with No-gap™ throat closure system

Comply\_\_\_\_\_

Exception\_\_\_\_\_

**5. Coat Cuff Reinforcement**

Black poly-coated aramid cuff reinforcements with angled sleeve cuff.



**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**6. Coat Shoulder Reinforcement**

Optional shoulder padding per user request.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**7. Back padding**

Airflow™ padding inside of turnout coat.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**8. Coat Closure System**

Storm flap: minimum of a 2.5” storm flap with two (2) layers of self-fabric and one (1) layer of Crosstech® Black, thermo plastic zipper in, minimum of 1.5” hook and loop (zipper in, hook on coat front, loop on storm flap).

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**9. Turn-Out Pockets**

9 x 9 x 2” semi-bellows and hand-warmer pocket combination. Eight (8)” opening on bellows side, KEVLAR® twill backing, hand-warmer lined with fleece inside pocket against shell. One (1) piece 2 x 9” loop on pocket and three (3) pieces 2 x 3” hook on flap, easy to grip pull tab. Minimum of 3” black poly-coated Aramid material will be used for the flap on each pocket. Located on the front bottom – Left and Right.

Or

Profiled pocket, mesh liner and fleece hand warming pockets, thermo plastic zipper.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**10. Turn-Out Radio Pocket**

3.5 x 9 x 2" radio pocket with polycotton fully lined all three (3) sides inside pocket, One (1) piece 1 x 2" loop on pocket and one (1) piece 1 x 3.5" hook on flap set 1.25" from surged end of flap. Antenna notch on both sides of flap. Easy to grip pull tab on the flap Radio pocket is to be located on side determined per individual spec sheet.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**11. Left upper Sleeve American Flag**

2 x 3" American Flag patch (stars on upper left corner), sewn on.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**12. Right Upper Sleeve Department Patch**

Pittsburg Fire Department patch, sewn on.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**13. Sewn On Lettering**

- a. Sewn on 3" Orange 3M™ Scotchlite™ letters (each line) 6-14.
- b. Lettering shall be "Pittsburg Fire"
- c. Location of the lettering is to be arched on yoke.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**14. Replaceable/Removable Lettering Patch**

- a. 4 x 15" contoured two (2) layer self-fabric one-line letter patch to be attached to the hem of the back of the coat. There shall be 4 x 15" hook sewn to of 4 x 15" patch and 4 x 15" loop sewn to coat back at hem.
- b. Sewn on 3" Orange 3M™ Scotchlite™ letters (each line) 6-14 alpha numeric name characters
- c. Lettering shall be sized to accommodate the user's name in all caps and will be located on the "name patch".

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**15. Flashlight Holder**

D-ring, a 3 x 9" triple layer self-fabric hook and loop flashlight retention strap. Must accommodate the Streamlight Survivor right angle flashlight. Flashlight holder pocket is to be located on side determined per individual spec sheet.



**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**16. Right Side Mic Tab**

1 x 3" triple layer self-fabric mic tab bar tacked each end. Located above the radio pocket and even with the storm flap on both sides.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**17. Left Side Mic Tab**

1 x 3" triple layer self-fabric mic tab bar tacked each end. Located above the flashlight D-ring and even with the top of storm flap on both sides.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**18. Hanger Loop**

A hanger loop of 5/8" x 5 1/2" self-fabric will be placed on the inside of jacket collar.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**TURNOUT PANT SPECIFICATIONS**

**1. Leg Tabs**

Two (2) black leather color coated leg tabs per leg with non-logo female snaps.

**Comply**\_\_\_\_\_

**Exception**\_\_\_\_\_

**2. Pant Knee Reinforcement**

Black poly-coated aramid bellow knee patches with three (3) layers of padding.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**3. Adjustable Waist Straps**

Two adjustment waist straps (one on the right and one on the left side) with two (2) “alligator” clips. Adjustment straps are to be located on outer shell material.



**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**4. Pant Fly Closure**

Thermo plastic zipper, 3-layer No-bulk™ pant closure system.

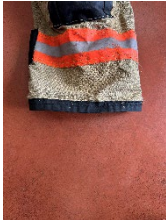
Or

Hook and D Ring, 3-Layer No-bulk™ pant closure system.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**5. Pant Cuff Reinforcement**

Black poly-coated aramid pant cuffs with tapered pant cuff.



**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**6. Belt Loops for Department Issued Rescue Harness**

Five (5) belt loops, triple layer self-fabric belt loops, One (1) center back 4 x 4" sewn on top and bottom with bar tacks on the corners with a horizontal pass through for the belt, six (6) each 1 x 3" straps that close with 1 x 2" hook and loop, five (5) belt loops bar tacked evenly at waist (1 – center back, 2 – back hip, and 2 – front hip – 1 on each leg to accommodate Gemtor class 2 harness). Adjustable 2" NOMEX™ belt with quick release buckle is to be included.



Comply\_\_\_\_\_

Exception\_\_\_\_\_

**7. Suspenders**

Quick adjust padded suspenders, 2" metal loops – Red. Note: The suspender length includes the 2.5" snap tabs on the pants.

Comply\_\_\_\_\_

Exception\_\_\_\_\_

**8. Suspender Tabs**

Four (4) double loop self-material suspender tabs with 5/8 x 5 1/2". Two (2) male and two (2) female logo snaps, attached to the suspender with two (2) on the front and two (2) on the back. Reinforced with two (2) bar tacks on each tab.



Comply\_\_\_\_\_

Exception\_\_\_\_\_

**9. Right Leg Turnout Pockets**

10 x 10 x 2" full bellow pocket with easy to grip pull tab on pocket flap. Pocket flap will have a minimum of 3" black poly-coated aramid material additional of a minimum of 6" black poly – coated aramid material for the pocket exterior.



**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**10. Left Leg Turnout Pockets**

10 x 10 x 2" full bellow pocket with easy to grip pull tab on pocket flap. Pocket flap will have a minimum of 3" black poly-coated aramid material additional of a minimum of 6" black poly – coated aramid material for the pocket exterior.



**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**11. Individual Pocket Preference**

Individual staff members will be allowed to specify if they wish to have a removable tool pocket system on the left, right, or both sides based on user preference.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**12. Pant Cut**

Pants will be offered in multiple different cuts (i.e. fitted, mobility, boot cut) per user preference.

**Comply**\_\_\_\_\_ **Exception**\_\_\_\_\_

**13. Reflective Trim**

Turnout pants will contain 3” matching turnout coat reflective trim around leg bottoms – four (4) rows lockstitch.

**Comply** \_\_\_\_\_

**Exception** \_\_\_\_\_

**MISCELLANEOUS OPTIONS**

1. Does your product have the ability to provide specific cut and fit styles for both male and female staff members?

**Yes** \_\_\_\_\_

**No** \_\_\_\_\_

2. Does your manufacturer have a rush option for gear purchase? If so, please provide details of the rush option (Additional cost will be noted on the bid page).

**Yes** \_\_\_\_\_

**No** \_\_\_\_\_

**Explanation:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Does your manufacturer have an annual service program to aid in prolonging the useable life of the turnout gear? If so please provide details of the service program (pricing for the program will be noted on the bid page).

**Yes** \_\_\_\_\_

**No** \_\_\_\_\_

**Explanation:** \_\_\_\_\_  
\_\_\_\_\_  
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**City of Pittsburg Bid Page  
For Turnout Gear Specification  
2023**

Instructions to Vendors: Please clearly provide pricing for the items within the table. If you do not have the ability to provide the item described then signify by placing an "N/A" in the bid box.

**Vendor:**

**Customer Service Representative:**

**Contact Number:**

**Contact Email:**

**Vendor Bid:**

Item Description	Bid Price (One Unit)
One (1) Turnout Coat per PFD Specifications	
One (1) Turnout Pant per PFD Specifications	
Add Option – Rush Option	
Add Option – Annual Service Agreement	
Years Pricing is Valid for	

**Signed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

**Exceptions to City of Pittsburg Specifications  
Firefighter Turnout Gear  
2023**

Instructions to Vendors: For each exception please clearly indicate what section you are taking exception to (i.e. "Turnout Coat" Item #2) and then in detail explain your exception and alternative to the exception.

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