CITY
OF
JOPLIN, MISSOURI

Bid Package

#2022-RFP-07

SPECIFICATIONS FOR FIREFIGHTER TURNOUT GEAR

City of Joplin Fire Department

303 E. Third St.

Joplin, MO 64801

417-624-0820 Ext. 301

animmo@joplinmo.org

NOTICE TO BIDDERS

The City of Joplin, Missouri will accept sealed bid proposals until **10:00 A.M., Thursday, April 07, 2022** to PURCHASE the following:

FIREFIGHTER TURNOUT GEAR

CITY OF JOPLIN FIRE DEPARTMENT

Specifications and bid forms are available from Andy Nimmo, Deputy Chief, by calling 417-624-0820 ext. 301 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.

The City encourages minority and female owned businesses to submit bids on all City purchases.

Leslie Haase, CPA

Finance Director

Publication Date: Tuesday, March 08, 2022

Joplin 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 Joplin 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 Joplin Fire Department, attn: Deputy Chief Andy Nimmo

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 Joplin 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. If you cannot provide pricing for 3-5 years, please indicate how long your pricing will be valid for.

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.

5. Estimated Quantities: The city of Joplin Fire Department typically will purchase between fifteen (15) and twenty (20) sets of structural firefighter gear annually.

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 Joplin 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 already in use by 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 Joplin 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 Joplin Fire Department or replacement at no additional cost to the Joplin Fire Department. The contractor shall be responsible for all transportation costs incurred during the warranty period. The Joplin 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 to take such measurements;
    - **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 Captain Adam Grimes agrimes@joplinmo.org or Deputy Chief Andy Nimmo, 417-624-0820 ext. 1-301 or animmo@joplinmo.org

City of Joplin Specifications
For Personal Protective Equipment
2022

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 Joplin 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 Joplin Fire Department. The customer service representative must be available to respond to inquiries regarding contract products, to resolve issues regarding product 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 Joplin Fire Department. The vendor shall provide sizing of personnel within five (5) business days upon notification of the Joplin Fire Department.
    b. Sizing shall be taken at the Joplin 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.

4. **Repairs and Alterations:** Should repairs or alterations need to be made, the product should be returned from the time it is reported in no less than thirty (30) days.

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. Destination, 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:_____
_____
_____
_____
_____
_____

City of Joplin General Specifications
For Firefighter Turnout Gear
2022

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 s hall 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 Joplin 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 insure that every member of the Joplin 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 and dimensions 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 Armor AP, 6.5 oz. The fabric color will be gold.

   Comply_____ **Exception**_____

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

   The thermal insulating liner will be a traditional liner constructed of Glide Ice™ face cloth quilted to DWR treated 2.3 oz NOMEX®/Kevlar® spun lace and DWR treated 1.5 oz. AraFlo®.

   Comply_____ **Exception**_____

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

   The moisture barrier will be constructed of STEDAIR 4000/Nomex® Pajama Check laminated membrane.

   Comply_____ **Exception**_____

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

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

   OR

   3" New York style Yellow 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 with a 1 ½ - 2" wide strap constructed of Kevlar/Nomex with contrasting center stripe color sewn in one continuous loop. The DRD will be installed between the liner and the outer shell and shall be sized loose enough to give an unobstructed, freedom of movement during firefighting. The DRD shall firmly grip the upper torso of the wearer when deployed and removable during laundering. A looped hand hold system will be attached by hook and loop under a NFPA compliant reflective flap of self-fabric to clearly identify the location of the DRD and will be located on the underside of the collar. No more than 1 – 1 ½" of the DRD shall be visible when the coat is worn.

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

3" split collar lined with STEDAIR 4000 material. Two (2) pieces 1 x 3" hook on each end inside and two (2) pieces 1" hook set ½" from center along top edge for liner attachment. 1.5 x 4" hook and loop for front closure.

Comply_____ **Exception**_____

5. Collar Flashing

3" self-fabric, STEDAIR 4000 lined split collar with two (2) pieces 1 x 3" loop on moisture barrier, two (2) pieces 1" loop set ½" from center along top edge for attachment to shell.

Comply_____ **Exception**_____

6. Liner Inspection System

(Std) coat liner inspection system located at center right front of liner, with 1 x 4" loop. 1.5 x 3" hook sewn to right front shell for the coat liner inspection system.

Comply_____ **Exception**_____

7. Coat Cuff Reinforcement

Black poly-coated aramid cuff reinforcements.

Comply_____ **Exception**_____

8. Coat Elbow Reinforcement

Black contoured poly-coated aramid elbow patches with one (1) layer foam padding.

Comply_____ **Exception**_____

9. Coat Shoulder Reinforcement

Self-fabric shoulder caps

Comply_____ **Exception**_____

10. Coat Closure System

Storm flap: minimum of a 2.5" storm flap with two (2) layers of self-fabric and one (1) layer of STEDAIR 4000, thermo plastic zipper in, minimum of 1.5" hook and loop (zipper in, hook on coat front, loop on storm flap) with poly-coated aramid tab for coat pockets.

Comply_____ **Exception**_____

11. 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, two (2) layers Lite-N-Dri inside flap corner, PCA 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.

Comply_____ **Exception**_____

12. 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 flap. Radio pocket is to be located on the right chest.

Comply_____ **Exception**_____

13. Left upper Sleeve American Flag

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

Comply_____ **Exception**_____

14. Flashlight Strap

1 x 10" two (2) layers self-fabric flashlight strap, x-stitched to shell with 1 x 3" hook and loop. Flashlight strap is to be located on the left chest.

Comply_____ **Exception**_____

15. Sewn On Lettering

a. Sewn on 3" Lime/Yellow 3M™ Scotchlite™ letters (each line) 6-12.
b. Lettering shall be "JOPLIN FIRE"
c. Location of the lettering is to be arched on yoke.

Comply_____ **Exception**_____

16. Replaceable/Removable Lettering Patch

a. 5 x 18" 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 1.5 x 18" hook and loop sewn to top edge of 5 x 18" patch and 1.5 x 18" hook and loop sewn with white thread through the trim to coat back inside at hem.
b. The lettering patch attachment shall be one (1) male snap at top corners of letter patch and two (2) female logo snaps on inside of shell to align with the male snaps, two (2) male and two (2) female non-logo snaps.
c. Sewn on 3" lime/yellow 3M™ Scotchlite™ letters (each line) 6-12 alpha numeric name characters
d. Lettering shall be sized to accommodate the user's name in all caps and will be located on the "name patch".

Comply_____ **Exception**_____

17. Miscellaneous Fasteners

One (1) D-ring attached to coat located below the chest trim and centered on left chest. D-ring shall be located under the flashlight strap below the chest trim.

Comply_____ **Exception**_____

18. Left Side Flashlight Tab

2 x 5" triple layer self-fabric flashlight tab sewn on to shell with four bar tacks, two (2) each end and a 2 x 5 ½" triple layer self-fabric hook and loop flashlight retention strap. Must accommodate the Streamlight Survivor right angle flashlight.



Comply_____ **Exception**_____

19. 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**_____

20. Left Side Mic Tab

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

Comply_____ **Exception**_____

21. Hanger Loop

A hanger loop of 5/8" x 5 ½" self-fabric will be placed on the jacket.

Comply_____ **Exception**_____

TURNOUT PANT SPECIFICATIONS

1. Liner Inspection Station

Pant liner inspection system with 1 x 3" loop located at right side of liner waist. 1.5 x 3" hook sewn to right shell front for the pant liner inspection system.

Comply_____ **Exception**_____

2. Leg Tabs

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

Comply_____ **Exception**_____

3. Pant Knee Reinforcement

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

Comply_____ **Exception**_____

4. 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**_____

5. Pant Fly Closure

Sewn on pant FLY with STEDAIR 4000, closure – 1.5" hook and loop, ¾" hook underneath PJ Crosstech for liner attachment.



Comply_____ **Exception**_____

6. **Pant Cuff Reinforcement**

   Black poly-coated aramid pant cuffs and 3 x 3.5" kick shield.

Comply_____ **Exception**_____

7. **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, four (4) 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)





Comply_____ **Exception**_____

8. **Suspenders**

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

Comply_____ **Exception**_____

9. **Suspender Tabs**

   Four (4) 2" wide self-material suspender tabs with 1.75 x 3" leather reinforcement. Two (2) male and two (2) female logo snaps, attached to the waist with two (2) on the front and two (2) on the back. Reinforced with two (2) bar tacks on each tab.

Comply_____ **Exception**_____

10. Right Leg Turnout Pockets

10 x 10 x 2" full bellow pocket with PCA fully lined inside all four (4) sides, one (1) piece 3 x 10" loop on pocket, three (3) pieces 2 x 3" hook on 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. Left Leg Turnout Pockets

10 x 10 x 2" full bellow pocket w/KEVLAR® lined all four (4) sides, two (2) added layers of outer shell fabric lined with KEVLAR® on shell side pocket, first layer 6.5" high, second layer 4.5" high, both layers stitched in 3" increments to create six (6) compartments, one (1) piece 2 x 10" loop on pocket, three (3) pieces 2 x 3" hook on flap. – Seattle Tool Pocket System. 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**_____

12. Individual Pocket Preference

Individual staff members will be allowed to specify if they wish to have the Seattle Tool Pocket system on the left or right side based on their hand dominance.

C**omply**_____ **Exception**_____

13. Boot Cut

Pants will be "boot cut" pant legs.

Comply_____ **Exception**_____

14. 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:_____
_____

City of Joplin Bid Page
For Turnout Gear Specification
2022

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 JFD Specifications	
One (1) Turnout Pant per JFD Specifications	
Add Option – Rush Option	
Add Option – Annual Service Agreement	
Years Pricing is Valid for	

Signed by:_____ **Date:**_____

Printed Name:_____

MARK BID ENVELOPES: **"#2022-RFP-07 SPECIFICATIONS FOR FIREFIGHTER TURNOUT GEAR, 10:00 A.M., THURSDAY, APRIL 07, 2022"**

Exceptions to City of Joplin Specifications
Firefighter Turnout Gear
2022

1. 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.
2. _____
3. _____