

## LEGAL NOTICE

Sealed proposals will be received in the office of the Director of Public Safety, Municipal Building, Cuyahoga Falls, Ohio, until **12:00 Noon, Monday, March 4, 2019** with bids being opened in Conference Room A, located on the second floor of the Municipal Building, 2310 Second Street, Cuyahoga Falls, Ohio, for the purchase of 25 sets of **Turnout Gear, to be bid per set.**

Detailed information, blank proposals and complete specifications may be obtained at Fire Station 1, 1924 Front St., Cuyahoga Falls, Ohio 44221.

Bidders must use the printed forms provided therefore, as none other will be accepted. Each proposal must contain the full name of the party or parties making the same, and all parties interested therein, and must be accompanied by a bid bond or certified check in the amount of five percent (5%) of the total amount of the bid, on a solvent bank, as a guarantee that if the bid is accepted, a contract will be entered into. The Director of Public Safety reserves the right to reject any or all bids and to waive any informality in any proposal.

We are an Equal Opportunity Employer.

BY ORDER OF THE DIRECTOR OF  
PUBLIC SAFETY

DON WALTERS, MAYOR

FALLS NEWS: February 17, 2019  
February 24, 2019

# PROPOSAL

ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE (written words)
TURNOUT COAT:	<u>EACH</u>	1		
TURNOUT PANTS WITH SUSPENDERS:	<u>EACH</u>	1		
TURNOUT HELMET WITH SHIELD:	<u>EACH</u>	1		
TURNOUT HOOD:	<u>EACH</u>	1		
TURNOUT BOOTS	<u>EACH</u>	1		
TURNOUT GLOVES	<u>EACH</u>	1		
SHIPPING & HANDLING	<u>EACH</u>	1		
TOTAL PRICE:				

SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



**Cuyahoga Falls Fire Department**  
**Structural Firefighting Turnout Gear Specifications 2019**  
**Bid for 25 Sets of Structural Firefighting Gear**

This document identifies a standard design and fitment of structural firefighting turnout gear and equipment. Structural firefighting turnout gear sets shall include one of each of the following: A coat, pant with suspenders, helmet with shield, hood, pair of boots, and pair of gloves. Entities bidding to supply turnout gear for the Cuyahoga Falls Fire Department shall be expected to comply with the following specifications and instructions.

**1) General**

The purpose of the clothing is to provide protection during structural firefighting operations where there is a threat of fire and against adverse environmental effects. The clothing will also provide protection when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

- a) All garments produced shall meet or exceed the criteria set forth in the current edition of NFPA Standard 1971, *Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting*.
- b) All components and composites used in the construction of garments shall be third party tested, certified and listed for compliance to NFPA Standard 1971, 2018 Edition. The certification label of the third party tester as shown in the specifications for the garment label shall denote such certification.
- c) Appropriate warning label(s) shall be permanently affixed to each garment. Additionally, the label(s) shall include the following information: Compliance to NFPA Standard 1971, Underwriters Laboratories classified mark, the manufacturers name, manufacturers address, manufacturers garment identification number, date of manufacture, and size.
- d) The manufacturer shall warrant these coats and pants to be free from defects in materials and workmanship for their serviceable life when properly used and cared for.
- e) A representative of the entity providing turnout gear shall professionally measure the intended wearer, assuring proper fitment and protection by the garment.

**2) Coat Specifications**

- a) The coat shall be constructed of three separate body panels designed to afford maximum unrestricted movement of the arms and shoulders. The coat shell and liner which are equal in length shall provide a minimum overlap of all protective layers (when worn with bunker pants) in accordance with NFPA 1971, 2018 Edition.

- b) The outer shell, thermal liner, moisture barrier and all material components utilized in the construction of the garment shall meet NFPA 1971, 2018 Edition. The outer shell shall be constructed of Advance Gold material; the thermal liner shall be constructed of Caldura Elite material; the moisture barrier shall be constructed of Crosstech Black material. Seams shall be double stitched using NOMEX material, with 8-10 stitches per inch for durability and maximum performance. Additionally, where applicable, trim shall be attached with cording for durability.
- c) Sleeve length shall be sized adequately to the wearer for flexibility and protection when performing job functions. The coat sleeve shall have extra material for articulation in the elbow. A sewn in protective sleeve band shall be provided to keep water, ash, debris, etc. from entering the sleeve. The sleeve cuff shall also incorporate a wristlet with an opening for the thumb.
- d) Access between the layers of the coat shall be afforded. The thermal liner shall be secured to the outer shell at the bottom of the back of the coat with three (3) hem snap tabs. A protective throat tab shall be provided.
- e) The coat shall have 3" high fluorescent reflective Scotchlite "Triple Trim". Firefighter's coats shall have Lime with Silver trim, and officer's coats shall have Orange with Silver trim. Placement shall be New York City (NYC) Style. Reflective trim shall be attached with protective cord in lieu of conventional stitching. Trim use and placement shall be NFPA 1971, 2018 Edition compliant.
- f) The back of the coat shall have 3" high fluorescent reflective Scotchlite lettering placed near the top of the back, reading "CFFD"; as well as a standard hanging letter patch or a tail bearing the wearer's name. Lettering on firefighter's coats shall be lime yellow, and officer's coats shall be orange. The hanging letter patch shall be constructed of a double layer of outer shell material. The letter patch will attach to the rear inside hem of the jacket with snap fasteners (4 across the top of the patch) and Velcro; allowing the letter patch to be removable and interchangeable.
- g) The front of the garment shall have bilateral cargo pockets; pockets shall be mounted at the hem of the coat on each side of the front opening. Pockets shall be equipped with two (2) rust resistant metal drain eyelets at the bottom for water drainage. Pocket flaps shall be double layered. Pockets shall be 8" x 8" cargo style expanding 2" all around. Pocket flaps shall use Velcro closure. The pockets shall be reinforced with a layer of KEVLAR material inside and shall be lined with fleece behind the pocket. A strip of reflective trim across the bottom of the pocket shall continue the trim pattern.
- h) Immediately behind the cargo pocket distally shall be a "D" hook, riveted vertically to each side of the coat. The front of the coat, near the shoulder and/or above the radio pocket, shall have bilateral 4" wide by 1.5" tall microphone tabs sewn to the coat.
- i) The coat shall be closed by means of zipper and FR hook and loop fastener tape. This shall include a 20 inch size #10 heavy duty high-temp smooth-gliding YKK Vislon zipper on the jacket fronts and FR hook and loop fastener tape on the storm flap. The teeth of the zipper shall be mounted on black Nomex tape and shall be sewn into the respective jacket fronts. The storm flap shall close over the left and right jacket body panels and shall be secured with FR hook and loop fastener tape. A 1½ inch piece of FR

loop fastener tape shall be installed along the leading edge of the storm flap on the underside with four rows of stitching. A corresponding 1½ inch piece of FR hook fastener tape shall be sewn with four rows of stitching to the front body panel and positioned to engage the loop fastener tape when the storm flap is closed over the front of the jacket.

- j) A pocket for the wearer's radio shall be sewn on the left chest. Only one radio pocket in that location shall be affixed. The radio pocket shall be constructed of outer shell material and lined with moisture barrier. The pocket shall be approximately 7.5" high x 4.5" wide x 3.5" deep with at least one (1) rust resistant metal drain eyelet at the bottom for drainage. Radio pocket flaps of double layer shell material shall have an internal layer of moisture barrier at 4.5" wide x 5" long with Velcro closure. The radio pocket flap shall accommodate the radio antenna via a notch on the left side. A strip of 3" reflective trim shall be added to continue the trim pattern.
- k) The coat shall have a Sunlance flashlight holder; constructed of outer shell material 9" wide by 2" tall in size to accommodate a Survivor flashlight. The strip of material shall have Velcro closure and be located on the front chest opposite the radio pocket.
- l) The garment shall feature an incorporated Firefighter Drag Rescue Device accessed at the top middle back of the coat.

### **3) Pant Specifications**

- a) The pant shall be constructed of three separate body panels designed to afford maximum unrestricted movement. The outer shell, thermal liner, moisture barrier and all material components utilized in the construction of the garment shall meet NFPA 1971, 2018 Edition. The outer shell shall be constructed of Advance Gold material; the thermal liner shall be constructed of Caldura Elite material; the moisture barrier shall be constructed of Crosstech Black material. Seams shall be double stitched using NOMEX material, with 8-10 stitches per inch for durability and maximum performance. Additionally, trim shall be attached with cording for durability. The cuff area of the pants shall be reinforced in black leather.
- b) The pockets shall be constructed of one layer of the outer shell material and lined with the vapor barrier. The lower half of the expansion pockets shall be reinforced on the outside in gold Ara-Shield material. Pocket flaps shall be double layered and extend ½" beyond each side of the pocket. Pockets shall be 10" x 10" cargo style expanding 2" all around. Pockets shall be equipped with two (2) rust resistant metal drain eyelets at bottom for water drainage. Pocket flaps shall use Velcro closure. The left pocket shall have a six (6) tool organizing patch of material sewn onto the pant, facing the pocket.
- c) The pants shall have pleated, articulating knees, including padding and extra material for wearer movement and flexibility. The front of the knee shall have a removable panel affixed with Velcro and snap fasteners.
- d) The pants shall have a vertical fly closure, with Velcro and inward facing hook & dee closure at waist for secure wear and donning. Pants shall have waist sizes in even whole numbers; inseams shall be in two whole inch increments.

- e) Standard "H" style "Padded Rip-Cord" suspenders shall be provided with each set of pants. On the inside of the waistband shall be attachment for the standard "H" style "Padded Rip-Cord" suspenders. There shall be four (4) attachments total, 2 front and 2 back.
- f) The pants shall have a 3" back bib at the waist.
- g) Pants shall have a 3" band of fluorescent reflective Scotchlite "Triple Trim" placed completely around each pant leg just above the cuff. Firefighter's pants shall have Lime with Silver trim, and officer's pants shall have Orange with Silver trim. Reflective trim shall be attached with protective cord in lieu of conventional stitching. Trim use and placement shall be NFPA 1971, 2018 Edition compliant.

#### **4) Helmet Specifications**

- a) Structural firefighting helmet shall be a Bullard Traditional Firefighting Helmet with ReTrak. The helmet shall be furnished with an integrated visor that retracts between the helmet shell and impact cap. The visor shall be deployable by the wearer with a single hand. Firefighter's helmets shall be yellow with lime-yellow reflective tetrahedrons. Lieutenant's helmets shall be red with red-orange reflective tetrahedrons. Captain's helmets shall be black with lime-yellow reflective tetrahedrons. The helmet shall be NFPA 1971, 2018 Edition compliant.
- b) A leather helmet front shall be furnished, personalized with the recipient's last name and rank.

#### **5) Hood Specifications**

- a) A PGI BarriAire structural firefighting hood shall be furnished as a part of the personal protective equipment ensemble. The structural firefighting hood shall be constructed with a vapor barrier material for increased particulate protection from carcinogens. The hood shall be NFPA 1971, 2018 Edition compliant.

#### **6) Boot Specifications**

- a) Leather structural firefighting boots shall be furnished as part of the complete firefighting ensemble. The boots shall be NFPA 1971, 2018 Edition compliant.

#### **7) Glove Specifications**

- a) ProTech Fusion Pro Short Cuff structural firefighting gloves shall be furnished as part of the complete firefighting ensemble. The gloves shall be NFPA 1971, 2018 Edition compliant. The gloves shall have an NFPA 1971, 2018 Edition compliant moisture and blood borne pathogen barrier.

#### **Shipping Cost Included - Terms: FOB Destination**

**Cuyahoga Falls Fire Station 1**

**1924 Front Street**

**Cuyahoga Falls, OH 44221**