



TOWN OF SMITHS FALLS REQUEST FOR QUOTATION

TURNOUT GEAR SPECIFICATION

April 2024

RFQ Issue Date: April 12, 2024
Deadline: April 29, 2024

INSTRUCTIONS

CHAPTER: GENERAL CONDITIONS

TERMS OF QUOTATION

The Town of Smiths Falls requests quotations for the purchase of turnout gear for the Fire Department. The turnout gear must meet the specifications mentioned in technical specifications included in the quotation document. The town requests quotations for 30 sets of turnout gear spread over a period of (4) years.

A minimum of 30 turnout gear will be purchased by the Town of Smiths Falls.

Year	Number of set
2024	15
2025	5
2026	5
2027	5

BID TO STANDARD PRICE

The price includes the provision of all labor, tools, equipment, materials and all other costs required to design, manufacture and the delivery of turnout gear in accordance with the requirements and standards stipulated in these bid documents. The price submitted must include the cost of all permits and licenses required to do so and all applicable provincial and federal taxes. The price will need to be for each set of turnout gear per year for the 4 year program.

Appendix A must be completed for price indication.

FEE SUBMISSION

The bidder is not entitled to any compensation in respect of expenses incurred in the preparation of its quotation.

WRITEN QUESTIONS

The information can be obtained from Paul Bisonette, Lieutenant by phone (613) 283-5869 ext.1301, fax (613) 283-6935 or by email pbisonette@smithsfalls.ca.

STANDARDS CONFORMITY

Quotation to be consistent, must meet the requirements established in the technical specifications accompanying this Request for Quotation.

RECEIVING AND BIDS OPENING

Quotation in a sealed envelope marked "BID / TURNOUT GEAR / FIRE DEPARTMENT" will be received by the Clerk's office, at the Town Hall - 77 Beckwith Street North, Smiths Falls, Ontario, K7A 4T6, **before 2:00 pm. Monday, April 29 2024. The Appendix A must be completed and sign by the bidder.**

Bids will be opened at the address previously mentioned, at 2:05 pm the same day.

pbisonette@smithsfalls.ca

The measurement will take place during the week of, TBD at the Fire Hall, 77 Beckwith Street North, Smiths Falls, Ontario.

RESERVES

The Bidder may withdraw its bid prior to closing time;

Any omission, deletion, editing, adding or irregularity of any kind whatsoever in the bid may result in rejection of the bid;

Any collusion among bidders may result in rejection of the bids concerned;

Any bid non-compliant with the technical specifications and terms of these tender documents will be rejected;

The Town of Smiths Falls may waive any informality or minor defect that may be contained in the tender if it finds that these elements do not cause harm to other bidders;

The Town of Smiths Falls reserves the right to enter into further discussion in order to obtain information that will allow the Town to reach a decision with a bidder, and to waive irregularities and omissions if, in doing so, the best interest of the Town will be served.

The Town of Smiths Falls reserves the right to accept the tender most beneficial to the Town without regard for price; The proposal with the lowest cost will not necessarily be accepted.

The Town of Smiths Falls reserves to ultimately select, in its own best judgment, and at its sole discretion the bidder it deems best qualified to carry out this project. The Town's determination will be final and not open to review of challenge, whether it is alleged that the selection is arbitrary or otherwise noting accordance with standard trade practice.

The Town of Smiths Falls reserve the right to stop at any time, within the one period the buying process for from the winning supplier without any recourse from the supplier.

The Town of Smiths Falls shall not be liable for any expense, loss or damage incurred or suffered by any bidder as a result of a non-award of this RFQ.

The Town of Smiths Falls reserves the rights to buy in a whole or partially any of the items specified in this RFQ and reserves the right to cancel, terminate or withdraw this RFQ call at any time or to accept or reject all or any part of any bid.

The Town of Smiths Falls reserves the right to refuse incomplete submission or a supplier with a history of disability in terms of product quality, warranties, delivery delays or not having the personnel and equipment to conduct the task. Bidders will have no recourse to change the decision of the Town.

Unless otherwise approved at the sole discretion of the Municipality, all bidders must be either:

- i) Incorporated under the laws of Canada or Province of Ontario or,
- ii) If incorporated under the laws of jurisdiction outside of Canada, registered as an extra provincial corporation authorized to do business in Ontario; or,
- iii) Carry on business as a general partnership or limited liability partnership under the law of the Province of Ontario.

ACCEPTANCE OF BIDS

The successful bidder will be notified of the acceptance of its bid. This information will be returned in person, be sent to him by email.

Notwithstanding the acceptance of this bid, the Town of Smiths Falls, reserves the right not to proceed with the project without penalty.

DURATION OF BID

This bid is valid for a period of ninety (90) days from the date fixed for opening of bids. It will however be open to the Town and the bidders to extend the deadline if they wish.

AMBIGUITY-OMISSIONS

The bidder must inform the Lieutenant of any ambiguity or omission that may arise during the process. If the bidder has any doubt about the interpretation of certain clauses of these bid documents, it shall immediately notify the Lieutenant so that notices of corrections may be issued.

The bidder may not claim payment from the Town for any claims arising from his failure to report to the Town in accordance with the previously mentioned ambiguity and / or omissions found in the tender documents.

PAYMENT

If at the time of Turnout gear delivery, the supplier had not complied with any provision contained in these instructions to bidders, specifications and technical specifications (full payment will be made once all requirements of tender / RFQ are met) consistent with the Town requirements.

STANDARDS

The Turnout gear will be conform to the latest edition of NFPA 1971 standard. For Interior Structural Firefighting

The Town of Smiths Falls reserves the right to refuse any material delivered and found non-compliant with the requirements of manufacturing standards in place.

AMENDMENTS

Any changes or substitutions made during assembly or manufacturing must be approved in advance by the Lieutenant.

EQUIVALENT PROPOSAL

The bidder may propose an approach, equipment, system, product as equivalent to a model described in technical specifications. The bidder must include in its bid a complete description of the proposed model showing that its quality and performance will equal or exceed those of the model indicated by the Town.

Any proposed equivalent will be of equal or greater quality than what is being specified.

The bidder shall furnish, upon request of the Town, any reference information on the origin, quality, manufacturing, the proposed model and its components. It will be for the bidder to demonstrate equivalence to the satisfaction of the Town, and will assume all costs incurred to do so.

The Town will be the only judge of the relevance of the equivalency of the model, or brand name proposed. It will not be required to justify its acceptance or refusal reasons, and the cost of equity will not justify an extra submission.

PENALTY

A penalty will be applied directly on the payment if the order is not completed 16 weeks after the contract was awarded.

An amount of \$100 per week will be charge as penalty. Only the Fire Chief will determine if the contract was completed with fully satisfaction.

FOB POINT AND FREIGHT PROVISIONS

All prices must be tendered **F.O.B. Destination, Freight Prepaid**. All costs for freight or transportation shall be included in the prices tendered and therefore shall be borne by the supplier.

The primary delivery location will be the Towns of Smiths Falls, 77 Beckwith Street North, Smiths Falls, Ontario, K7A 2BA.

Title to the goods contracted for delivery shall pass to the Town upon delivery of the goods to the appointed delivery location and the Town having certified its acceptance of the goods. The Supplier shall bear full all risks and rewards of ownership of the goods while in transit to the Town, including, but

not necessarily limited to, the administration of any damage claims with the Supplier's contracted delivery agent or carrier.

Tendered pricing shall include the safe unloading or offloading of the equipment at the designated delivery locations.

The Supplier shall be responsible for resolving any other damage claims, either with its contracted delivery agent or carrier or with the manufacturer of the equipment or the product distributor, regardless as to whether the damage to the equipment could have been visible at time of shipment or is later found to have been concealed during shipment.

ADDENDUM TO QUOTATION DOCUMENTS

All revisions, deletions, substitutions, and additions to the quotation material shall be prepared in writing by the Fire Chief of the Corporation and consideration shall be given to the extension of the closing date.

Acknowledgement of the addendum(s) must be included in the submitted bid. Bidders who have submitted quotations prior to the release of an addendum shall be given the opportunity to withdraw and resubmit their quote.

TECHINICAL SPECIFICATIONS

TWO PIECE TURNOUT GEAR

SPECIFICATIONS

OUTER SHELL

The outer shell (with the exception of the visible band) shall offer protection against flame and heat. It will consist of 20% 400 denier, DuPont Kevlar filament, 80% Meta/Para-Aramid spun yarns. **It will be Khaki**
Weight - 6.5 oz
N.F.P.A. standard, 1971, latest edition.

CONFORM

NON COMPLIANT

**If equivalent,
please specify:**

MOISTURE BARRIER

The moisture barrier is designed to prevent the passage of fluid from the environment to the thermal liner. The moisture barrier should also allow the moisture-removal of body heat (moisture) to the outside. The moisture barrier must be Gore ® RT700. The moisture barrier will meet N.F.P.A. standard, 1971, latest edition.

CONFORM

NON COMPLIANT

**If equivalent,
please specify:**

THERMAL LINER

The thermal liner is designed to provide protection against thermal heat. The model must be Caldura ® SL2i with a maximum weight of 7.7 oz/yd². The thermal liner will meet N.F.P.A. standard, 1971, latest edition.

CONFORM

NON COMPLIANT

**If equivalent,
please specify:**

CERTIFICATIONS

A proof of certification for the components to meet the standards listed above will be combined with documents for this quotation.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

JACKET SPECIFICATIONS

All seams are tied / locked (lock stitching) with Nomex. The major seams are sewn with three rows of stitching tied. Seams meet the latest requirements of NFPA 1971, latest edition. All items requiring reinforcement (pockets, pocket flaps, collar, and storm flap) are stitched. The shoulders and sleeves are cut holes to allow greater freedom of movement, without restriction. The Turnout Gear shall have an overlap of the coat's liner over the pant waist that is sufficient to provide continuous protection by all the layers. The overlap of protective layers shall be 2" (5 cm) minimum. The line of the neck; collar, sleeve length and size of the brackets are proportional to the size of the chest. The jacket must have action pleats in the upper back.

On the back bottom of the jacket, in the middle, there will an inscription: SMITHS FALLS. Letters of 3" will be reflective yellow to match trim on jacket,

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

COLLAR AND STORM FLAP

The collar on the bunker coat shall measure 4" high and is to be constructed of a combination of outer shell, thermal liner, and moisture barrier material. All layers shall be sewn together around the perimeter, at the sides, and top with two rows of lock stitch sewing. The collar closure strap shall be secured in the closed, and stowed, positions with hook and pile fastener.

The collars meet the N.F.P.A. standard 1971, latest edition. Nomex of ½ inch by three inches shall be sewn to the center of the neck, outside, to help suspend the jacket.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

SLEEVES

The sleeves are full size and cut lengths are proportional to the size of the chest. The shoulder must have ergonomic arm design as the same principle for the moisture barrier and the thermal liner. The end (hem), sleeves are reinforced Polymer Coated Kevlar, two inches, distributed evenly between the inside and the outside and sewn in four rows. The cuffs are made so that water cannot penetrate inside the sleeves. In addition, a neoprene gaiter with elastic at the end of Isoprene will be sewn on the outside, to surround the knitting of the wrist. The wrists should be formed of a closed tube of Nomex with thumb hole. The wrist will be in Nomex knit 3¼" long with neoprene water well.

Elbow patches 6" by 8" must be in ARA-SHIELD® material.

CONFORM

NON COMPLIANT

**If equivalent,
please specify:**

POCKETS

The outer shell is provided with two pockets 9½" high and 9". Two Velcro straps, 2" inches by 1" inches for easy opening and closing. The top and bottom pockets are stitched. The pockets should also be equipped with two brass eyelets for drainage at the bottom of them.

In addition, an inside pocket in neoprene for medical glove must be in each jacket pockets. This pocket need to be sewn to the outer shell.

There must be a rectangular pocket for radio measuring 7"½ high, 4" wide and 2" deep, and a loop for the microphone, located 4" from the top of the pocket on the left side of the jacket. The flap needs to have a Velcro strip on the flap. The flap must have two opening for the radio antenna, one on each side of the flap. This opening on each side must be close to the seam at the junction of the jacket and have the following sizes: ½ "x ½". The radio pocket shall be lined at the bottom with an extra layer of outer shell. It must be located on the left chest near the closing flap and have two brass eyelets for drainage at the bottom of it.

There will be an inner storm flap pocket inside the coat zipper flap.

There will be a hook on the right side of the coat on the chest for Accountability tag.

CONFORM

NON COMPLIANT

**If equivalent,
please specify:**

CLOSURE

The jacket closure is composed of a storm flap about 4” wide and cut full size proportional to the length of the jacket. The closure system consists of a heavy duty zipper and a Velcro strip on the outside. In addition, a vertical strip of Hypalon®, folded to form a flow channel, will be sewn on the inside of the closure of the jacket, the same side as the female / velcro. No hook system will be accepted on the storm flap and there must be a holder for flashlight. The flashlight holder consists on a loop of 2” by 2” to hold clip of flashlight with a Velcro closure loop 1” by 8”. along with a hook clip above

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

REFLECTIVE TRIM

3m Scotchlite reflective strips™ 2 tone, Lime and Silver, 3” wide NFPA approved. The reflective trims are sewn with two rows of stitching on each side of the strip. The configuration of the bands will be Hi-Visibility style and must be approved by the Fire Chief.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

INTERIOR LINING

All seams are tied / locked (lock stitching) with Nomex thread. In addition, the display includes a moisture-proof tape heat sealed on all seams to allow waterproofing. The lining is always cut up to 1” shorter than the outer shell to the jacket and 1” for the sleeves. The liner is held by four snaps at the sleeves. They are attached on the outer shell by four loops of Arashield. The liner should be removable by a continuous zipper. The liner will be equipped with a belt cut Nomex storm with a loop of plastic resistant as attaches at the front. No lining system with snaps except for cuffs or Velcro will be accepted.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

DRAG AND RESCUE DEVICE

The jacket should be equipped with a drag and rescue device as required by current standards. This harness must be composed of a belt and half an inch of Kevlar. It is passed under the arm and out the back of the neck at the back. On top of the flap, it must be added the letters DRD Scotchlite strip 3” high by current standards

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

CANADIAN FLAG

A non reflective Canadian flag must be sewn on left shoulder.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

LABELLING

The outer shell and interior lining labeled in English with the following information:

- Name of firefighter
- Name and address of manufacturer
- Date of manufacture and the Size
- Instructions for washing and drying
- Fiber content
- The standard to which the turnout gear is CERTIFIED: N.F.P.A. 1971 latest revision.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

PANT SPECIFICATIONS

OUTER SHELL

All seams are tied / locked (lock stitching) and sewn with Nomex thread and all edges finished. Seams meet the requirements of NFPA standard 1971, latest edition. All items requiring reinforcement (pockets, pocket flaps, fly, and braces) are stitched.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

POCKETS / PANTS

The outer shell is provided with two pockets 9" by 9 1/2" and a thickness of two inches. Each pocket should be located one on each pant leg and must have two Velcro strips 2" by 1" for easy opening and closing. The top and bottom pockets are stitched. The pockets are reinforcing by Kevlar® in the bottom. The pockets should also be equipped with two brass eyelets for drainage at the bottom of it. Inside each pocket should be a pocket for medical surgical gloves. It must have a size of 4½" by 5" and must be attached to the pants and not the pocket.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

WAIST

The straps are four components and are sewn permanently at the end of the outer shell. Adjustment straps must be in thermal plastic buckle to adjust fast to be attached to either side of the waist of the pants.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

SUSPENDERS

Parachute style suspenders fully detachable, attached to the pant and proportional to the size of the firefighter. Heavy duty shoulder straps should be of cotton webbing two inches wide, adjustable front, with two loops Heavy duty plastic, lying on either side of the ramp at the shoulders. There will be 3M Scotchlite reflective strips™ 2 tone, Lime and Silver Reflective Trim sewn on the cotton webbing of the suspenders that is NFPA approved. The back suspender should be an elastic two-inch maximum, forming an "H" on the back. Each front end of the suspender must have a male part that makes up the plastic buckle. Each back end must have snaps or Velcro to attach the strap to the rings of the pants. Suspenders must be 8-point design.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

FLY

The fly is a continuation of the left leg panel. It must be composed like the jacket with the outer shell, all composed interior liner. A Velcro closure two inches wide is sewn inside the fly flap.

The fly must close on the front right fork where one is sewn Velcro closure, two inches wide. The positive closure of the fly is secured by a zipper. An extra layer of lining must be added to the front left, under the outer shell, over a length of at least ten and a half inches by three inches wide.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

HEMS

The setback of the pants are reinforced Polymer Coated Kevlar black with a width of two inches evenly distributed inside and outside of the hem.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

REFLECTIVE TRIM

3m Scotchlite reflective strips™ 2 tone, Lime and Silver, 3” wide NFPA approved. The reflective trims are sewn with two rows of stitching on each side of the strip. The configuration of the bands will be Hi-Visibility style and must be approved by the Fire Chief.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

KNEE REINFORCEMENTS

The reinforcement shall consist of a rectangular piece of Polymer Coated black, measuring 8” by 12” inches and positioned half and half, or proportional to the size of the pants and must be sewn on the outer knee. The reinforcement will be composed of 2 layers of thermal barrier gel, 1 moisture barrier.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

REVERSE BOOT CUT

The reverse boot cut will be 1” shorter on the back than front.
A scuff strips shall be attached to the inner cuff of the pants, black.

CONFORM		NON COMPLIANT	
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If equivalent, please specify:

INTERIOR LINING

All seams are tied / locked (lock stitching) with Nomex thread. In addition, the display includes a moisture-proof tape heat sealed on all seams to allow waterproofing. The lining is always cut up to 2” shorter than the outer shell. The liner is held by a continuous zipper at the waist and two straps at the ankle. No lining system with snaps or Velcro will be accepted.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

LABELLING

The outer shell and interior lining of pant labeled in English with the following information:

- Name of firefighter
- Name and address of manufacturer
- Date of manufacture and the Size
- Instructions for washing and drying
- Fiber content
- The standard to which the turnout gear is CERTIFIED: N.F.P.A. 1971 latest revision.

CONFORM		NON COMPLIANT	
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**If equivalent,
please specify:**

GENERALS SPECIFICATIONS

WARRANTY

The warranty of turnout gear will be for the duration of one year when they are used and maintained in accordance with the procedures described in the instructions warning and maintenance.

The materials that compose the turnout gear will provide protection as specified by the manufacturer.

The turnout gear must meet or exceed the latest versions of the standards they were manufactured.

CONFORM

NON COMPLIANT

**If equivalent,
please specify:**

MEASUREMENT

Measures will be taken on site within 4 weeks after the contract will be award appointment set by a company representative who has received the proper training, and discharge all responsibilities of the Town of Smiths Falls at this level.

The company agrees to give full satisfaction to the users of protective clothing at his expense.

INSPECTION

All turnout gear is subject to a rigorous inspection upon delivery thereof. Any difference or non-compliance will be rejected and must be correct to comply with these specifications, at no additional charge. All expense to send back non-compliant turnout gear to correct deficiencies are no-charge to the city. In addition, clothing must be delivered within a reasonable time, or less than 16 weeks from the time the measurement will be taken.

Appendix A

TENDER CLOSING DATE: 2:00P.M. LOCAL TIME <u>Monday April 29/2024</u>	
<i>All tender submissions must be received at the following location not later than the due date and time indicated.</i>	
BID SUBMISSION TO: Clerk's Office Town of Smiths Falls 77 Beckwith Street North Smiths Falls Ontario, K7A 4T6	
COMPANY NAME:	TELEPHONE NUMBER
ADDRESS:	FACSIMILE NUMBER
	E-MAIL ADDRESS
SIGNATURE:	
_____	_____
<i>Authorized Officer must sign</i>	<i>Date</i>
_____	_____
<i>(Print or Type Name)</i>	<i>(Title)</i>

Acknowledgement of Addendum(s) # _____ of _____

****Please include a copy of the Addendums with your submission.**

The lowest or any bid will not necessarily be accepted.

Having informed ourselves fully of the conditions relating to the work to be performed and services provided, and having carefully examined the above-noted documentation submit the attached proposal and offer to perform the said work/services in strict accordance with the said documents and such further details, plans and instructions as may be supplied from time to time and to furnish to the Town of Smiths Falls, all professional services necessary to carry out properly to complete the said work for the following fee of lawful money of Canada.

2. Price Schedule :

Price Schedule for Technical Specifications

2024

ESTIMATED QTY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
15	TURNOUT GEAR		
		SUB-TOTAL	
		H.S.T.	
TOTAL TENDER PRICE INCLUDING TAXES			