



**Renfrew**  
INC • 1858  
Bridging Charm and Convenience

TOWN OF RENFREW  
127 Raglan Street South  
Renfrew, Ontario  
K7V 1P8

## Request for Quotation – Supply of Bunker Gear RFQ 2024-18-FEPS

### SECTION I - INFORMATION

#### BACKGROUND

The Corporation of the Town of Renfrew, hereinafter referred to as the “Town”, is seeking detailed quotations for the supply of **twelve (12)** sets of Bunker Gear for the Fire, Emergency & Protective Services Department.

The Town of Renfrew, situated along the Bonnechere River in the heart of the Ottawa Valley, both embraces its rich history, and is committed to progress. Less than an hour from the amenities of the Nation’s Capital, the Town offers exceptional educational opportunities, affordable residential prices and a low crime rate coupled with a strong agriculture tradition and presence to satisfy every interest and provide personal growth opportunities for all.

#### REGISTRATION AND COMMUNICATIONS

It is mandatory that you register as a bidder with the Town. **Failure to register will result in non-acceptance of your submission.**

Please remit Name of Company, Name of Contact Person, and Contact Information to:  
Ashley Robertson, Purchasing Assistant, Town of Renfrew,  
**Email:** [arobertson@renfrew.ca](mailto:arobertson@renfrew.ca)

All communications must reference **RFQ 2024-18-FEPS** in the subject line.

**Questions** related to this quotation, specifications or the intent of the proposed work and requirements are to be received by **2:00 pm June 12th, 2024**. Inquiries should be directed to **both**:

**Michael Guest, Director of Fire, Emergency & Protective Services/Fire Chief**  
Email: [mquest@renfrew.ca](mailto:mquest@renfrew.ca)

**Ashley Robertson, Purchasing Assistant, Town of Renfrew**  
Email: [arobertson@renfrew.ca](mailto:arobertson@renfrew.ca)

Where a Bidder finds discrepancies or omissions in the quotation requirements, or other documents or instructions, or otherwise requires any clarification, the Bidder should contact the Town in writing by email as noted above. Note that no oral explanation or interpretation shall modify any of the requirements or provisions of the proposal documents.



Where the Town deems that an explanation or interpretation is necessary or desirable, an addendum may be issued. It is the bidder's sole responsibility to check for addenda issue and download same. Acknowledgement of Addenda on the Form of Quotation is a mandatory requirement. Failure to acknowledge addenda will result in your quotation being deemed non-compliant and not eligible for award.

Only documents provided to Bidders by the Town or found on Biddingo are to be considered the **official** documents. The Town accepts no responsibility for the accuracy of information found on other websites. The onus is on the bidder to check on the Town's and Biddingo's website to verify they have received all relevant information. The Town reserves the right to not accept a bid submission if determined that the documents have been altered from the Town's own official documents.

## **DELIVERY AND CLOSING TIME**

**Quotations** must be received no later than **2:00pm June 19th, 2024**. The time clock in the main counter service area at the Town Hall Office is the official time for the deadline for submission. The Town is not responsible for submissions which arrive late or are not properly marked.

- (a) All Quotations shall be submitted on the supplied Quotation Form, in a sealed envelope and shall be clearly marked as to the contents and bidders name.
- (b) Quotations received by this time, date and at the location specified above, shall be opened and read in a public opening. The public reading of a quotation does not imply any decision by the Corporation on whether a submission is or is not irregular.
- (c) All Quotations must be completed in full, in ink and be legible.
- (d) The Quotation Document shall not be modified in any way.
- (e) Late Quotations **will not** be accepted beyond the closing date/time as set out. Quotations received after the established closing will be returned unopened.
- (f) Quotations transmitted by fax or email **will not** be considered.
- (g) **The lowest or any Quotation is not necessarily accepted.** The Town of Renfrew is not obligated to award the service contract to the lowest or any firm. The municipality reserves the right to reject any or all proposals and to waive formalities as the interests of the Town of Renfrew may require without stating reasons.
- (h) Should a dispute arise regarding the meaning or intent of the contract documents, the decisions of the Town shall be final.
- (i) The Town of Renfrew will make documents available in an accessible format or via appropriate communication supports upon request.



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### **THE BIDDER DECLARES**

- a) No person, firm, or corporation, other than the Bidder, has any interest in this Quotation in the proposed contract for which this tender is made.
- b) This Quotation is made without any connection, comparison of figures arrangements with or knowledge of any other corporation, firm or person making a tender for the same work and is in all respects fair and without collusion or fraud.
- c) No member of Council and no officer or employee of the Town is or will become interested directly or indirectly as a contracting party, partner, shareholder, surety or otherwise in any portion of the profits thereof, or in any of the monies to be derived there from.

### **FREEDOM OF INFORMATION**

All written Quotations received by the Town of Renfrew become a public record. Once a Quotation is accepted and a contract is signed, all information contained in them is available to the public, including personal information.



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**SECTION II – QUOTATION SPECIFICATIONS**

This quotation is for the Supply and Delivery of **twelve (12) sets** of fire protective Bunker Gear as specified.

1. GENERAL SPECIFICATIONS	COMPLY	EXCEPTION
<b>EQUIPMENT INFORMATION</b>		
Specify make, model and estimated date of delivery of the garments tendered. Must be <b><u>new</u></b> bunker gear.	YEAR: _____  MAKE: _____  MODEL: _____  DELIVERY DATE: _____	
<b>SCOPE</b>		
This document specifies the design and materials used to manufacture coats and pants to be worn during <b>STRUCTURAL FIREFIGHTING</b> as covered by NFPA 1971. The protection offered by the garment covers the lower and upper section of the body excluding head, hands or feet. Garment sizing shall be done in accordance with NFPA 1500 and available for male and female firefighters. Generalized sizing such as small, medium, large, etc. shall be considered unacceptable.		
<b>CERTIFICATION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The design, materials, workmanship, construction, and performance shall meet or exceed all National Fire Protection Association (NFPA) requirements as specified in NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2018 edition. The manufacturer shall supply the Certificate of Compliance from Underwriters Laboratories showing compliance to the standard.		



<b>ISO</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The manufacturer shall be ISO 9001:2015 certified, thus assuring quality control procedures in the manufacturing of bunker gear. A copy of this certification shall be supplied.</p>		
<b>EXCEPTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>Bidder shall clearly state in this document if they comply with the section requirements or takes an exception. Any section that is not clearly identified as compliant will be considered as an exception. All alternative proposals for each exception shall be described and listed on a separate document and attached to this bid. No exceptions to this paragraph shall be accepted.</p>		
<b>LABELLING</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The coats and pants shall be labelled according to the applicable standards and regulations. A warning label shall be applied about use and protection of the garment. A human readable unique serial number shall be assigned to the coats and pants. The unique serial number shall also be translated into bar code so it can be read by care and maintenance facilities.</p>		
<b>PACKAGING</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The garments shall be individually packaged in separate boxes. The transportation box shall only contain the jacket and pants for an individual firefighter.</p>		
<b>OUTER SHELL</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The outer shell shall be approximately 6.6 oz/yd<sup>2</sup>, constructed of a blend of aramid fibers, twill weave fabric, with a durable water-repellent finish. The outer shell colour shall be gold.</p>		



<b>MOISTURE BARRIER</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The moisture barrier shall be Stedair® 3000 moisture barrier, which is comprised of a Stedair® bi-component membrane using a combination of microporous and monolithic film technologies laminate to a spunlace substrate. For best seam sealing results, Stedair® moisture barrier seams should be sealed with Stedair® seam tape to afford comparable viral penetration resistance performance. Double rows of stitching shall not be acceptable as it reduces the surface area of the sealing tape on both sides of the seam. The total weight of the moisture barrier shall be approximately 5.2 oz/yd <sup>2</sup> .		
<b>THERMAL BARRIER</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The thermal barrier shall consist of a Brass colour face cloth constructed from a FR Rayon/Nylon blend weighing approximately 3.2 oz/yd <sup>2</sup> , quilted with meta-aramid threads to a 100% aramid needle punched non-woven batting weighing approximately 3.8 oz/yd <sup>2</sup> . The thermal barrier shall have a total weight of approximately 7.0 oz/yd <sup>2</sup> .		
<b>THL RATING</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The composite of outer shell, thermal barrier and moisture barrier shall meet or exceed the minimum THL requirement of the latest edition of NFPA 1971. Manufacturer shall state on his bid the THL value of the proposed composite.		
THL:	<b>COAT</b>	<b>PANTS</b>
THL – Zone 1/GENERAL	240	240
THL – Zone 2	0	0
<b>TPP RATING</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The composite of outer shell, thermal barrier and moisture barrier shall meet		



or exceed the minimum TPP requirement of the latest edition of NFPA 1971. Manufacturer shall state on his bid the TPP value of the proposed composite.		
TPP – Zone 1/GENERAL	44	44
TPP – Zone 2	0	0
<b>REFLECTIVE TRIM TYPE</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The retro-reflective trim shall be the three (3) inch wide Scotchlite™ Reflective Material – 5687, lime-yellow with silver center, from 3M™. This material is also commonly referred to as segmented triple trim.		
<b>POLYMER COATED ARAMID REINFORCEMENT COLOUR</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
All polymer coated aramid reinforcements, where specified, shall be black in colour.		
<b>HARDWARE</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
All zippers, snaps, or hook and loop shall be supplied by YKK. Snaps shall be prong type. Stitching of all long pieces of hook and loop shall be done with a triple row of lock stitching. Stitching of all short pieces of hook and loop shall be done with a single row of lock stitching around the edges with an “X” in the center. All hook and loop larger than one (1) inch shall have rounded corners.		
<b>2. COAT SPECIFICATIONS</b>		
<b>OUTER SHELL CONSTRUCTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
All “Major A” seams shall be made of seam type LSbm-4, including stitch types #504, 401 and 301. The seaming process starts by aligning two pieces of fabric together and stitching them together with what is commonly referred to as a “5 thread overlock”, using stitch type #516, consisting of stitch type 504 and 401. The seam is then folded over		



and top stitched with two (2) rows of lock stitch #301. All seams shall be stitched with Nomex® thread and sewn to prevent stitches from coming apart by themselves if cut or worn. Stress points such as pockets, pocket flaps, collar storm flap shall be bar-tacked for increased durability. The base jacket shall be approximately 32 inches (grading) and cut to assure increased overlap with the pants. The collar line, the collar, the sleeve lengths, and the gussets shall be cut in proportion with the chest size of the jacket. The coat design shall include a tapered fit, through an athletic cut and shall be 4 inches shorter in the front than back. The coat shall be constructed of 16 panels in order to provide optimal comfort and fit. A drag harness shall be installed in the jacket between the outer shell and the liner. The drag harness shall be made of 1" wide supple Kevlar® webbing to limit the abrasion on the moisture barrier. The webbing shall loop around the shoulders starting horizontally below the shoulders at the back, wrap around both shoulders at the front and exit through the outer shell at the back of the neck, below the collar seam. The design increases comfort and reduces the overall coat weight by reducing the amount of webbing between the outer shell and the liner. A flap made of outer shell shall be installed on the back of the jacket at the collar seam. The flap shall be shaped like an irregular pentagon with a rectangular base of six (6) inches wide by one inch and a half (1-1/2) long ending in a triangle. The length of the flap shall be three (3) inches. The flap shall open to give access to the strap of the drag harness. The flap shall be





<p>secured in closed position with the use of a hook and loop fastener two (2) inches by one inch and a quarter (1-1/4) with rounded corners and a box of cross stitching. A piece of silver reflective trim shall be heat applied vertically on the center of drag rescue device flap to clearly identify the drag rescue device handle. The letters DRD shall be etched with a laser in the silver reflective material. The harness shall be held in place between the outer shell and the inner liner by strategically positioned loops under the arm, along the path of the harness to keep it in optimal position.</p>		
<p><b>LINER CONSTRUCTION</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>All “Major B” seams shall be made of seam type SSa-2, including stitch types #504 and #401. The seaming process shall start by aligning two pieces of fabric together and stitching them together with what is commonly referred to as a “5 thread overlock”, using stitch type #516, consisting of stitch types #504 and #401. In addition, the moisture barrier seams shall be sealed. The moisture barrier and thermal barrier component of the liner shall be sewn together at the edges using a piece of bias-cut neoprene and sewn together with one row of lock stitch, consisting of stitch type 301. All moisture barrier seams shall be stitched with Nomex® thread using 12 ± 1 stitches per inch. All thermal barrier seams shall be stitched with Nomex® thread using 10 ± 1 stitches per inch. All seams shall be oriented so that the edges of the thermal barrier and the moisture barrier sealing tape are inside the inner liner. The liner shall be cut a maximum of three (3) inches shorter for the jacket and one (1) inch shorter for the sleeves. The liner</p>		



<p>shall be attached to the other shell by one zipper running along the front closure of the jacket and shall be protected with a breathable moisture barrier facing. The liner shall also be attached by two (2) colour coded tabs with snaps at each sleeve end. Two additional layers of thermal barrier shall be sewn in the shoulder area for increased CCHR protection. Should the manufacturer include a nonporous elbow reinforcement, the area under the elbow reinforcement shall also have a layer of neoprene sewn to the thermal barrier, to meet the Stored and Thermal Energy requirement. The liner shall be equipped with an inspection port allowing for visual inspection of all sealed seams of the moisture barrier. The inspection port shall use a zipper closure of minimally sixteen (16) inches long.</p>		
<p><b>THERMAL LINER ATTACHMENTS (BOTTOM OF COAT)</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>Two tabs measuring three-quarter (3/4) of an inch by four and a half (4-1/2) inches inserted in the lower hem of the outer shell. Tabs are linked to the lining by snap buttons located on the lining, on the side of the jacket.</p>		
<p><b>COAT CLOSURE SYSTEM</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The positive closure system shall consist of a heavy-duty Vislon® zipper of approximately twenty (20) inches long graded to the size of the jacket. The positive closure shall be covered by a ONE PIECE storm flap extending from the bottom of the jacket to the top of the collar to prevent any gaps in the throat area. The one piece flap shall measure approximately three inches (3) wide and twenty four inches and three quarters (24-3/4) long. The storm flap and throat</p>		



<p>closure shall be constructed of three (3) layers: two (2) layers of outer shell and one (1) layer of moisture barrier. The storm flap shall have a special grabber made of outer shell material and closed cell foam padding to help open the flap with a gloved hand. The grabber shall be approximately two inches (2) high by three inches (3) wide at the widest point and shall be cut at an angle on the bottom. The grabber shall be located on the top of the storm flap. The flap shall be fastened to the front of the jacket by means of FR hook and loop fastener one and a half (1-1/2) inches wide for the full length of the flap and one and a half (1-1/2) inches on the front panel of the outer shell. The hook and loop fastener shall be sewn so that seams are at most 1" apart from one another in order to prevent damage with opening and closing the flap. The moisture barrier in storm flap shall be the SAME as the moisture barrier selected in the MOISTURE BARRIER section of the specification. Use of moisture barrier other than that specified in the MOISTURE BARRIER section are not considered acceptable by this department. Closures with separate throat tabs are not considered acceptable to this department.</p>		
<p><b>ACTION BACK</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The coat shall have two (2) extensible gussets installed in the center of the back. These gussets shall measure a minimum of eighteen (18) inches long and offer an extension of approximately (4) inches. The liner shall also include pleats that work together with the outer shell gussets to increase range of motion. The outer shell gussets shall have an elastic to ensure that the action back retracts when the arms are in the</p>		



<p>natural position. This feature is essential to help prevent accidentally getting caught in by the gusset. The extremities of these gussets shall be bartacked. Coat designs with action backs that are not retractable are not considered acceptable by this department. Coat designs with action backs that are not in the center of the back are not considered acceptable by this department.</p>		
<p><b>AIRFLOW BACK</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The coats shall be equipped with a system allowing air circulation on the back while wearing SCBA. The Airflow system shall consist of a three-dimensional padding system of heavy-duty and precisely shaped closed-cell foam pads. The pads shall be distributed in a pattern optimized for air circulation and increased thermal protection. The pads shall also have ½” diameter holes to enable breathability. An aramid blend mesh shall be used to secure the pads on the thermal barrier. The padding shall extend from below the neck line to the low back and shall help cushioning the SCBA while creating Airflow channels. Coats without Airflow channels are not considered acceptable by this department.</p>		
<p><b>AIRFLOW SHOULDERS</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The coats shall be equipped with a system allowing air circulation on the shoulders while wearing an SCBA. The Airflow system shall consist of a three-dimensional padding system of heavy-duty and precisely shaped closed-cell foam pads. The pads shall be distributed in a pattern optimized for air circulation and increased thermal protection. The pads shall also have ½” diameter holes to enable breathability.</p>		



<p>An aramid blend mesh shall be used to secure the pads on the thermal barrier. The padding shall be positioned on top of the shoulder and shall help cushioning the SCBA while creating Airflow channels. Coats without Airflow channels are not considered acceptable by this department.</p>		
<p><b>COLLAR</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The collar shall be of variable height design with a four (4) layers construction consisting of two (2) layers of outer shell, one (1) layer of thermal barrier and one (1) layer of breathable moisture barrier. The collar shall afford the full protection of a four (4) inch collar at the back and the comfort of a three (3) inch collar at the front for integration with the SCBA face piece. The collar throat closure shall be a continuation of the coat storm flap to prevent any gaps in the throat area. The collar shall have an internal hanging loop made of the specified outer shell. The loop shall measure a half inch (1/2) wide and have a usable width of three (3) inches. Collars with separate throat tables are not considered acceptable to this department. Collars of single height are not considered acceptable to this department.</p>		
<p><b>NO SEAM SHOULDER CONSTRUCTION</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The coat outer shell shall be constructed such that there are no seams on top of the shoulder to prevent coat rise and unnecessary abraion and pressure poits. Coat designs with seams on top of the shoulder are not considered acceptable by this department</p>		
<p><b>SLEEVES</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The sleeves shall be cut full length in proportion with the chest sizes. The sleeve pattern shall include the top of</p>		



<p>the shoulder in order to avoid having a seam on top of the shoulder and limit coat rise. The sleeve shall consist of four (4) pieces, including one (1) single piece on the side of the body and three (3) on the opposite side. The sleeves shall be shaped like the natural bend of the arm. The elbow seams shall incorporate retro-reflective piping for additional night time and confined space visibility. The sleeve seams shall be positioned so that they do not come in contact with the coat body when the arms are on the sides. Coat designs with sleeve seams that come in contact with the coat body and without retro-reflective piping are not considered acceptable by this department.</p>		
<p><b>WATERWELL</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The glove interface shall be sewn to a waterwell which in turn shall be sewn the outer shell to avoid water penetration in the sleeve and prevent debris from entering the sleeve. The waterwell shall be made of Flame Resistant Neoprene coated polycotton. The simple design is helping to lower the risks associated with water infiltration and steam burn.</p>		
<p><b>GLOVE INTERFACE</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>A black Nomex® Spandex rib knit wristlet with thumb loop shall be attached to the waterwell. The thumb loop shall be made of a folded black Nomex outer shell (Brigade 750). This loop shall be sewn to the rib knit using a double needle lock stitch #301 on each side of the loop and through the two plies of this rib knit. The lower extremities of the loop shall be integrated in the sewn edge of the wristlet with the waterwell and bar tacked.</p>		



<b>WATERWELL</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The waterwell shall have a shallow design including a WATER EVACUATION SYSTEM to prevent accumulation of water when the arms are raised. This water evacuation system shall consist of two (2) water evacuation eyelets installed on each sleeve. The eyelets shall be positioned so that liquids draining from the eyelets are aiming away from the firefighter's face.</p>		
<b>ANGLED CUFFS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The sleeve cuffs shall be cut at an angle so that the top of the cuff is longer than the bottom to provide additional overlap of the cuff over the glove interface and provide additional protection while providing unrestricted range of motion. Coat designs without angled cuffs are not considered acceptable by this department.</p>		
<b>CUFF REINFORCEMENT</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The sleeve cuffs shall be reinforced with polymer coated aramid. The reinforcement material shall be sewn between the sleeve outer shell and waterwell to prevent thread abrasion and repairs. The reinforcement material shall be sewn between the sleeve outer shell and waterwell to prevent thread abrasion and repairs. The reinforcement material shall be sewn with two (2) rows of locked stitches. Coat designs with cuff reinforcements on top of the sleeve outer shell are not considered acceptable by this department.</p>		
<b>POCKETS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The coats shall be provided with two (2) semi-bellow pockets measuring approximately six (6) inches by nine (9) inches and two (2) inches deep on the back portion of the pockets. The pockets</p>		





<p>shall be fitted with a full width flap measuring approximately three inches and a half (3-1/2) high. The coat pocket flaps shall have a special grabber made of outer shell material and closed cell foam padding to help opening the pockets with a gloved hand. The grabbers shall be approximately one and a quarter (1-1/4) inch high by five and half (5-1/2) inches wide at the widest point and shall be cut at an angle on both sides. The grabbers shall be located on the bottom edge of the flap in the center of the flap. The pocket flaps shall have two (2) hook fasteners of two (2) inches by two (2) inches. The pockets shall have two (2) loop fasteners measuring two (2) inches wide by one and half (1-1/2) inch high. The hook and loop fasteners shall be sewn with locks stitching in a box &amp; cross pattern. The bottom of the pockets shall be provided with two (2) evacuation eyelets. Each pocket shall have two (2) bartacks on each lower corner, one (1) bartack on each top corner and one (1) bartack on each side of the pocket flap for a total of eight (8) bartacks.</p>		
<p><b>RADIO POCKET</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The coat shall have a radio pocket measuring eight (8) inches high by four (4) inches wide by two (2) inches deep. The pocket shall be constructed of the specified outer shell material and shall have hook and loop fasteners. The hook and loop fasteners shall be sewn with locks stitching in a box &amp; cross pattern. The pocket shall have at least one (1) drainage eyelet on the bottom. The radio pocket shall have (2) bartacks on each lower corner and one (1) bartack on each top corner for total of six (6) bartacks.</p>		





<b>RADIO POCKET FLAP</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The radio pocket flap shall measure approximately four (4) inches by four (4) inches and shall include a hole in the corner of both (2) side to accommodate the radio antenna. The radio pocket flap shall have a special grabber made of outer shell material and closed cell foam padding to help opening the pockets with a gloved hand. The grabber shall be approximately one and a quarter (1-1/4) inch high by three and a half (3-1/2) inches wide at the widest point and shall be cut at an angle on both sides. The grabber shall be located on the bottom edge of the flap. The flap shall close with the use of FR hook and loop fastener of three (3) inches high by two (2) inches wide and two (2) inches by two (2) inches on the face of the radio pocket. The radio pocket flap shall have one (1) bartack on each side for a total of two (2) bartacks.</p>		
<b>INSIDE POCKET WITH HOOK AND LOOP</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The coat shall be provided with an inside pocket measuring approximately seven and a half (7-1/2) inches wide by eight (8) inches high, constructed of outer shell material. The pocket shall be closed with a one (1) inch by three (3) inches of hook and loop fastener. The hook and loop fasteners shall be sewn with locks stitching in a box and cross pattern.</p>		
<b>REFLECTIVE TRIM PATTERN</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The trim shall be "PROJECT FIRES" style; one (1) band around the lower portion of the jacket, one (1) band on the front of the jacket at the chest area below the armpit, two (2) vertical bands between the lower back trim up to the shoulders, one (1) band around each sleeve below the elbow.</p>		



<b>OUTER SHELL REMOVABLE PATCH WITH HOOK &amp; LOOP (4"x17")</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
A patch for lettering constructed of shell fabric shall be installed on the back portion of the jacket and secured to the jacket with the use of hook and loop fastener. This patch shall measure approximately four (4) inches high by seventeen (17) inches wide. Hook fastener shall be sewn to the outer shell at lower back of the jacket to receive the removable patch.		
<b>NOMEX® CANADIAN FLAG PATCH</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The coat shall have a Canadian flag embroidered with Nomex® thread measuring 3-1/2" by 2".		
<b>MICROPHONE/P.A.S.S. LOOP</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
A loop for a microphone or P.A.S.S. alarm shall be installed above the radio pocket. The loop shall be one (1) inch high and have an opening of approximately one inch and three quarters (1-3/4) of usable space and be made of the specified outer shell. The loop shall be bartacked at each end to the front of the jacket.		
<b>FLASHLIGHT HOLDER</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The coat shall have an adjustable loop made of outer shell. The loop shall measure eleven (11) inches long and be attached to the outer shell with bartacks leaving an opening of approximately one inch and a half (1-1/2). The loop shall close onto itself with the use of hook and loop fastener. The coat shall also have a metal clip installed so the bottom of the clip is one inch and a half (1-1/2) above the loop. The clip shall be installed on the outer shell with the use of a piece of outer shell folded back onto itself.		



<b>3. PANT SPECIFICATIONS</b>		
<b>REGULAR WAIST</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The pant shall be of regular waist design. The circumference of the waist shall allow the wearer to pull his pants up without restriction. The front of the pant shall measure between 9-3/4" and 12-7/16" from the "Complete Motion Crotch" seam to the top of the waist line and shall be graded with the waist size to provide appropriate overlap with the coat. The back of the pant shall measure between 15-3/8" and 17-7/8" from the "Complete Motion Crotch" seam to the top of the waist line and shall be graded with the waist size to provide appropriate overlap with the coat.</p>		
<b>OUTER SHELL CONSTRUCTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>All "Major A" seams shall be made of seam type LSbm-4, including stitch types #504, #401 and #301. The seaming process shall start by aligning two pieces of fabric together and stitching them together with what is commonly referred to as a "5 thread overlock", using stitch type #516, consisting of stitch types #504 and #401. The seam shall then be folded over the top stitched with two (2) rows of lock stitch consisting of stitch type #301. All seams shall be stitched with Nomex® thread using 9 ± 1 stitches per inch and sewn to prevent stitches from coming apart by themselves if cut or worn. Stress points such as pockets and pocket flaps shall be bar-tacked for increased durability. The pant shall be made of nine (9) panels to provide complete range of motion. Pant designs with less than nine panels shall not be considered acceptable for this department.</p>		



LINER CONSTRUCTION	COMPLY	EXCEPTION
<p>All “Major B” seams shall be made of seam type SSa-2, including stitch types #504 and #401. The seaming process shall start by aligning two pieces of fabric together and stitching them together with what is commonly referred to as a “5 thread overlock”, using stitch type #516, consisting of stitch types #504 and #401. In addition, the moisture barrier seams shall be sealed. The moisture barrier and thermal barrier component of the liner shall be sewn together at the edges using a piece of bias-cut neoprene and sewn together with one row of lock stitch, consisting of stitch type 301. All moisture barrier seams shall be stitched with Nomex® thread using 12 ± 1 stitches per inch. All thermal barrier seams shall be stitched with Nomex® thread using 10 ± 1 stitches per inch. All seams shall be oriented so that the edges of the thermal barrier and the moisture barrier sealing tape are inside the inner liner. The liner shall be cut a maximum of three (3) inches shorter for the outer shell. A waist band shall be sewn to the inside of the outer shell. A two (2) inch waist band made of thermal barrier and moisture barrier shall be sewn to the inside of the outer shell. The liner shall also be attached to the shell with two (2) tabs with snaps at each leg. The waist band shall be kept in position with the use of five (5) snaps positioned around the waist, further securing the liner to the outer shell. Two additional layers of thermal barrier shall be sewn in the knee area for increased CCHR protection. The liner shall be equipped with an inspection port allowing for visual inspection of all sealed seams of the moisture barrier. The inspection port</p>		



<p>shall use a zipper closure of minimally sixteen (16) inches long.</p>		
<p><b>PANT CLOSURE SYSTEM</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The positive closure system shall consist of a heavy duty VISLON® zipper of approximately ten (10) inches long. The storm flap shall be approximately two and a quarter (2-1/4) inches wide and eleven (11) inches long and constructed of two (2) layers of outer shell material. The pant fly flap shall have a special grabber made of outer shell material and closed cell foam padding to help opening the flap with a gloved hand. The grabber shall be approximately one and a quarter (1-1/4) inch high by three (3) inches wide at the widest point and shall be cut at an angle on one side. The grabber shall be located on the top of the flap. The flap shall be fastened to the front of the pants by means of FR hook and loop fastener two (2) inches by ten inches and three quarter (10-3/4) on the flap two (2) inches by ten inches and a half (10-1/2) on the right front panel of the outer shell. 360 degree moisture and thermal protection shall be afforded by overlapping the left and right side of the liner. The pant shall have a removable Nomex® belt made of two (2) inch wide webbing. The webbing shall be passed through six (6) belt loops fixed on the pants. The belt shall include an adjustable high-temp plastic buckle. The belt loops shall be made of outer shell and shall be installed at the waist area of the pants. Each belt loop shall have an opening of two and half (2 1/2) inches and shall be secured to the pant with lock stitching and bartacks.</p>		



<b>“FULL MOTION” LEG DESIGN</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The pant shall be designed with nine (9) body panels to provide complete range of motion and comfort. There shall be a seam above the knee with retroreflective piping at the front of each leg to increase range of motion as well as additional night time and confined space visibility. There shall be a seam behind the knee of each leg to increase range of motion. The leg inseams shall be positioned so that they do not come into the opposite leg when walking to prevent abrasion and repairs. Pant design with less than nine (9) body panels are not considered acceptable by this department.</p>		
<b>COMPLETE MOTION CROTCH</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The pant shall be designed with an oversized diamond shape panels to provide complete range of motion and comfort. Pant designs without an oversized diamond shape panels are not considered acceptable by this department.</p>		
<b>POCKETS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The pants shall be provided with two (2) bellow pockets measuring approximately eight (10) inches by ten (10) inches and two (2) inches deep on all sides of the pockets. The pockets shall be fitted with a width flap measuring approximately three inches and a half (3-1/2) high. The pant pocket flaps shall have a special grabber made of outer shell material and closed cell foam padding to help opening the pockets with a gloved hand. The grabbers shall be approximately one and a quarter (1-1/4) inch high by five and half (5-1/2) inches wide at the widest point and shall be cut at an angle on both sides. The grabbers shall be located on the bottom edge of the flap in</p>		



<p>the center of the flap. The pocket flaps shall have two (2) hook fasteners of two (2) inches by two (2) inches. The pockets shall have two (2) loop fasteners measuring two (2) inches wide by one and a half (1-1/2) inch high. The hook and loop fasteners shall be sewn with locks stitching in a box &amp; cross pattern. The bottom of the pockets shall be provided with two (2) evacuation eyelets. Each pocket shall have two (2) bartacks on each lower corner, one (1) bartack on each top corner and one (1) bartack on each side of the pocket flap for a total of eight (8) bartacks.</p>		
<p><b>KNEE REINFORCEMENT/PADDING</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The knee area shall be designed to enhance mobility with the use of darts and pleats in the outer shell. The knee area shall be molded and articulated to better shape the knee in order to increase flexibility, mobility and comfort. The knee area shall be reinforced by a rectangular piece of polymer coated aramid graded in length in proportion with the pant size and shall be double stitched to the outer shell. A padding made of one (1) layer of thermally stable FR closed cell foam shall be inserted between the polymer coated aramid knee reinforcement and the pant outer shell.</p>		
<p><b>NEOPRENE KNEE REINFORCEMENT</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>There shall be a layer of neoprene sewn to the knee area of the thermal barrier, between the thermal and the moisture barriers.</p>		
<p><b>CUFF REINFORCEMENT</b></p>	<p><b>COMPLY</b></p>	<p><b>EXCEPTION</b></p>
<p>The pant cuffs shall have a reverse boot cut design (shorter at the back than the front) and reinforced with polymer coated aramid. The reinforcement shall include a Nomex® cording to prevent</p>		



stress points on the reinforcement material and reduce abrasion and repairs. The reinforcement material shall be sewn with two (2) rows of locked stitches. Pant design with cuff reinforcements on top of the leg outer shell are not considered acceptable by this department.		
<b>REFLECTIVE TRIM PATTERN</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The trim shall be “NFPA” style; one (1) band around the lower portion of each leg.		
<b>REFLECTIVE TRIM TYPE</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The retro-reflective trim shall be the three (3) inch wide Scotchlite™ Reflective Material – 5687, lime-yellow with silver center from 3M™. This material is also commonly referred to as a segmented triple trim.		
<b>NOMEX® CANADIAN FLAG PATCH</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The pant shall have a Canadian flag embroidered with Nomex® thread measuring 3-1/2” by 2”.		
<b>NOMEX® BELT</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The belt shall be removable and adjustable on both ends and shall be made of two (2) inches wide NOMEX® webbing. The belt shall include adjustable plastic buckle on both extremity. Each belt end shall be finished using a clean finish hem.		
<b>BELT LOOPS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
The pant shall be equipped with a minimum of six (6) belt loops made of outer shell and shall be installed equally spaced around the waist area of the pant. Each belt loop shall be two (2) inches wide, have an opening of two and a quarter (2-1/4) inches and shall be secured to the pant with lock stitching and bartacks.		





<b>SUSPENDERS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>The pants shall be equipped with Deluxe H-suspenders. The suspenders shall be constructed of two (2) inch wide heavy-duty cotton webbing. The horizontal component of the suspenders forming the H back shall be made of elastic material to increase comfort when bending forward. The suspenders shall be attached to the pant by passing the ends through high-temp sliders in the belt loops around the waist of the pant and folding each end over onto itself while securing the Hook and Loop fasteners 1-1/2" x 2" sewn with a box and cross pattern. A quick adjust metal "ladderlock" buckle shall be installed on the front of the suspender to tighten or release the suspenders quickly. In addition, a shoulder padding made of neoprene shall be sewn to the shoulder area of the suspenders. The padding shall measure a minimum of 8 inches long by the width of the webbing. The suspenders shall be cut in porportion to the size of the fire fighter measurements and completley removable for ease of cleaning.</p>		
<b>ADDITIONAL REFLECTIVE TRIMS ON SUSPENDERS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>Additional strips of Reflective trims shall be sewn to the suspenders in the shoulder areas. The length shall be as long as the distance between hardware in the shoulder area allows. The reflective trim colour shall be solid Lime Yellow or solid Orange Fluo.</p>		
<b>LEG GAITERS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<p>Gaiters shall be sewn to the bottom of the outer shell pant legs. The gaiters shall measure approximatively four (4-1/2") inches long. The gaiter shall tighten at the bottom by the use of an</p>		



elastic band sewn into the gaiter. The gaiter shall be made of neoprene.		
<b>4. PERSONALIZATION SPECIFICATIONS</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<b>COAT – Hem of Coat (M)</b>		
<b>LETTERING</b> Each unit shall have their own specific lettering		
<b>FD NAME</b>	Nom (voir liste)	
PERSO: Hem of coat (M) – Lettering – Different each unit ([2] – Name – see list) / Average 7 letters / Scotchlite® 3” – Lime yellow / Straight / Sewn on removable patch / 4”x17” / Outer Shell		
<b>OPTION</b>	NAM	
<b>LETTERING SHAPE</b>	Straight	
<b>ATTACHMENT METHOD</b>	SEWNONREMOVABLEPATCH	
<b>PATCH SIZE</b>	4” X 17”	
<b>PATCH COLOUR</b>	Outer Shell	
<b>COAT – Left Sleeve (F)</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
<b>NOMEX® CANADIAN FLAG</b> The garment shall have a Canadian flag embroidered with Nomex® thread measuring 3-1/2” by 2”.		
PERSO: Left sleeve (F) – Nomex® Embroidered Canadian flag/Sewn on shell		
<b>OPTION</b>	N	
<b>LETTERING SHAPE</b>	Straight	
<b>ATTACHMENT METHOD</b>	SEWNONSHELL	

**SCHEDULE**

Latest Expected Delivery Date (If delivery time exceeds this delivery date, quote may be rejected)	160 days from time of award
Delivery Schedule	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required



**Renfrew**  
INC • 1858  
Bridging Charm and Convenience

**TOWN OF RENFREW**  
**127 Raglan Street South**  
**Renfrew, Ontario**  
**K7V 1P8**

### **Delivery and Official Closing Time of Proposals**

All submissions shall be in a sealed envelope and delivered to:

**TOWN OF RENFREW (Town Hall)**

**Attention: Ashley Robertson**

127 Raglan Street South

Renfrew, Ontario

K7V 1P8

Quote submissions must be received not later than: **2:00pm June 19th, 2024.**

The time clock at the main counter service area in the Renfrew Town Hall shall be the official time for the submission deadline. The Town is not responsible for submissions which arrive late or are not properly marked. Submissions shall be officially opened after closing time.

### **TIMELINE**

The expected timeline for selection is as follows:

Quotation Issued	<b>May 30, 2024</b>
Deadline for written questions to Town from Bidders	<b>June 12, 2024</b>
Town Published Addendum (if applicable):	<b>June 14, 2024</b>
Closing date for Quotation	<b>June 19, 2024</b>
Anticipated Award (on or about):	<b>June 28, 2024</b>



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**SECTION III - FORM OF QUOTATION**

**Company Information**

1.	Company Name	
2.	Bidder's Contact Individual	
3.	Address (incl. Postal Code)	
4.	Office Phone #	
5.	Cellular #	
6.	Fax #	
7.	Email Address	
8.	HST Account #	

I/We hereby submit the attached documents to satisfy the requirements as issued by the Corporation of the Town of Renfrew.

I/We agree that we have reviewed and understand the tender documents and I/We are capable and qualified to perform the requirements of the contract.

I/We agree that this offer shall be irrevocable from the time the quotations are opened and extended for a period of 60 days.

I/We agree that this offer acknowledges all addenda and that the pricing quoted includes the provision set out in such addenda

**Acknowledgement to Receipt of Addenda**

This will acknowledge receipt of the following addenda and, that the pricing quoted includes the provision set out in such addendum(s)

Addendum #	Date Received
# _____	_____
# _____	_____
# _____	_____

Check here if No Addenda considered.



**Basis of Payment**

The Bidder offers to provide the services detailed within the quote package and identified specifications, and as further detailed in the Bidder’s proposal, to the acceptance of the Corporation of the Town of Renfrew for the following Upset Cost Limit.

Quote: \$ \_\_\_\_\_

HST: \$ \_\_\_\_\_

**Total Estimate:**  
 (including HST) \$ \_\_\_\_\_

- Quotes shall include expected delivery date and schedule.
- Quotes shall include all associated costs including freight and delivery.

**BID SUBMISSION**

The undersigned affirms that they are duly authorized to execute this bid and that all costs associated with this proposal have been submitted in the fee envelope.

BIDDER’S SIGNATURE AND SEAL: \_\_\_\_\_

NAME AND POSITION: \_\_\_\_\_

WITNESS SIGNATURE: \_\_\_\_\_

NAME AND POSITION: \_\_\_\_\_

DATED AT: \_\_\_\_\_

THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 202\_\_

**RFQ 2024-18-FEPS – SUPPLY OF BUNKER GEAR**

**From:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Contact:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Deliver to:**

**The Town of Renfrew  
Attention: Ashley Robertson  
127 Raglan Street South  
Renfrew, ON K7V 1P8**

**REQUEST FOR QUOTATION NUMBER:**

**CLOSING DATE AND TIME:**

**DESCRIPTION:**