



Request for Bids

Firefighter Personal Protection Equipment

August 18, 2025

Request For Bids

General Description

The Montcalm Township Fire will accept bids for the purchase of three sets of firefighter personal protection equipment (coat/pants), as outlined below.

Principal Contact

The principal contact with the Montcalm Township will be:

Phil Krantz
Lt / Safety / Training Officer
1870 S. Greenville Rd.
Greenville, MI 48838
(616) 734-2341
Pkrantz97@gmail.com

Bid Information

Any changes and/or addenda to this RFP will be posted on www.Montcalmtownship.gov under Departments, Fire and Fire Bids and Proposals. Any and all questions regarding this RFP shall be directed to the principal contact listed above.

Due Date

Bids are due at 5:00 pm, Wednesday, October 1st 2025.

Submission of Proposals

Please submit your sealed proposals using the attached bid form, as well as all other requested information. One copy of the proposal shall be delivered to:

Montcalm Township
Attn: Township Clerk
1880 S. Greenville Rd
Greenville, MI 48838

All responses must be clearly labeled – “Montcalm Township Firefighter PPE Sealed Bid.”

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Evaluation of Bids

The Clerk will review submitted bids and other relevant information. The Township reserves the right to accept or reject any response for any or no reason and to waive any minor irregularity if determined to be in the best interest of Montcalm Township.

Selection of Final Bid

After all the bids have been reviewed and evaluated, the winning selection will be presented to Clerk for approval. The Fire Board, through a vote, will confirm the selected party to provide the equipment or merchandise.

Scope of Work

The Montcalm Township will accept bids for the manufacture and delivery of three sets of firefighter personal protection equipment, including turnout pants, coats.

The bid must also include a minimum one year warranty repair or alterations, unless the manufacturer utilized provides a longer warranty (documentation required).

It is worthy of note the department currently uses FireDex and Inno Tex. turnout pants and coats, for department firefighting operations. However, multiple bids of different manufacturers or multiple (but different) models/types of gear from the same manufacturer by bidders are encouraged.

Additional specifications are found on the final page of this document.

Vendors choosing to select gear or merchandise for bid but outside of the specifications need to also provide the justification as to why the bid specifications could not be met and how the equipment proposed meets or exceeds the requested merchandise listed.

Attached to this is notice are the specifications set forth by the Montcalm Township Fire Safety Officer. Any NFPA required equipment not within the specifications will be provided by the department.

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Response Sheet

This response sheet must be completed and submitted with the other requested information as part of the response submittal. Based on the scope of work outlined in this request for proposal, please provide rates as indicated below:

Required:**Total Bid Amount:**

3 sets of firefighter personal protection equipment, \$_____ meeting all specifications as outlined in this document, which includes 3 sets of pants, 3 sets of coats. The coat and pants must be from the same manufacturer and be the same type/model.

Coat/Pant Manufacturer: _____

Model/Name/Type of Turnout Gear: _____

Warranty Provided (with documentation): _____

=====

This proposal is hereby submitted on behalf of:

Name of Company

Print Name

Signature

Date

Justifications for requesting review of merchandise/equipment outside of the bid specifications (attach additional pages if necessary):

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Specifications for the Firefighter Personal Protection Equipment Bid

PPE (Coat/Pant) Specifications:

Coat Liner & Moisture Barrier

The moisture barrier material shall be Stedair® 3000 moisture barrier, which is comprised of a Stedair® bi-component membrane using a combination of microporous and monolithic film technologies laminated 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/yd².

Coat Outer Shell Material

The outer shell shall be approximately 6.5 oz/yd², constructed of a proprietary blend of 80% Nomex® / Kevlar® spun yarns with 20% 400 denier Kevlar® filament.

Coat Reflective Trim

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.

Coat Cuff Reinforcement

The sleeve cuffs shall be reinforced with polymer coated aramid. The reinforcement shall include a Nomex® cording to prevent stress points on the reinforcement material and reduce 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.

Coat Turn-Out Pockets

Two semi bellow & hand warmer combination pocket with opening on bellow side

Coat Radio Pocket

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

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shall have hook and loop fasteners. The hook and loop fasteners shall be sewn with locks stitching in a box & cross pattern. The pocket shall have at least one (1) drainage eyelet on the bottom. The radio pocket shall have two (2) bartacks on each lower corner and one (1) bartack on each top corner for a total of six (6) bartacks.

Coat Microphone Tab

One triple layer self-fabric mic tab bartacked on each end, positioned on left chest above radio pocket

Coat Flashlight Strap

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 with. The clip shall be installed on the outer shell with the use of a piece of outer shell folded back onto itself.

Airflow Sholders and Back

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 1/2" diameter holes to enable breathability. 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.

Pant Liner & Moisture Barrier

The moisture barrier material shall be Stedair® 3000 moisture barrier, which is comprised of a Stedair® bi-component membrane using a combination of microporous and monolithic film technologies laminated 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/yd².

Pant Outer Shell Material

The outer shell shall be approximately 6.5 oz/yd², constructed of a proprietary blend of 80% Nomex® / Kevlar® spun yarns with 20% 400 denier Kevlar® filament.

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Pant Fly Closure

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 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 and 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 shall be 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 a half (2-1/2) inches and shall be secured to the pant with lock stitching and bartacks.

Pant Suspenders

1 set of Quick-Adjust Non-Stretch Suspenders w/ metal loop, Black in color, measured to employee slated to wear the personal protection equipment

Pant Pockets

A minimum of 10x10x2" *full* bellow pocket w/ KEVLAR® twill fully lined all 3 sides inside pocket & 3" up inside on shell, Able to open with gloved hand. 1 pc. 1.5x8" loop on pocket & 2 pcs. 1.5x2.75" hook on flap, boxed flap

Pant Turn-Out Pockets

A minimum of 10x10x2" *split* bellow pocket w/ KEVLAR® twill fully lined all 3 sides inside pocket & 3" up inside on shell, 1 pc. 1.5x8" loop on pocket & 2 pcs. 1.5x3" hook on flap, boxed flap and able to open with a gloved hand.

Knee Reinforcement / Padding

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.

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Pant Reflective Trim

The trim shall be "NFPA" style; one (1) band around the lower portion of each leg.

Coat – Back under the neck

Lettering

All units shall have the same lettering at this position.

- FD name : MTFD

PERSO: Back under neck (H) - Lettering - For all units (MTFD) / Scotchlite® 3" - Lime yellow / Straight / Sewn on shell

- Option : N

- Lettering Shape : Straight

- Attachment method : Sewn on shell

- Patch Color :Outer Shell

Coat- Hem of the coat

Lettering

Each unit shall have their own specific lettering.

- FD name :

Nom (voir liste)

PERSO: Hem of coat (M) - Lettering - Different for each unit ([2]-Name - see list) / Average 8 letters / Scotchlite® 3" - Lime yellow / Straight / Sewn on removable patch / 4" X 17" / Color Outer Shell

- Option :

NAM

- Lettering Shape :

Straight

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- Attachment method :	SEWNONREMOVABLEPATCH
- Patch Size :	4" X 17"
- Patch Color :	Outer Shell

COAT - Left sleeve (F)

NOMEX® AMERICAN FLAG

The garment shall have a American flag embroidered with Nomex® thread measuring 2-1/2" by 1-1/4".

PERSO: Left sleeve (F) - Nomex® Embroidered American flag / Sewn on shell / Color Outer Shell

- Option :	N
- Lettering Shape :	Straight

END OF SPECIFICATIONS