

Patricia A. Peshka  
Purchasing Agent



Frank J. Picozzi  
Mayor

**City of Warwick**  
Purchasing Division  
(Mailing Address)  
3275 Post Road  
Warwick, Rhode Island 02886  
Tel (401) 738-2013  
Fax (401) 737-2364

The following notice is to appear on the City of Warwick's website Thursday, October 13, 2022. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK  
BIDS REQUESTED FOR**

**Bid2023-229 Structural Firefighting Particulate Hoods**

**Specifications**

Specifications are available in the Purchasing Division, located at 65 Centerville Road, Monday through Friday, 8:30 AM until 4:30 PM on or after Thursday, October 13, 2022.

**Submissions**

Sealed bids will be received by the Purchasing Division no later than 11:00 AM, Wednesday, October 26, 2022. The bids will be opened publicly commencing at 11:00 AM on the same day at 65 Centerville Road, Suite D.

**Delivery**

All bids must be sealed. If delivering in person or sent by delivery service (FedEx/UPS/DHL etc..) use physical address 65 Centerville Road, Warwick, RI 02886, Suite D. If sent via United States Postage Service use mailing address 3275 Post Road Warwick, Rhode Island 02886.

**Awards**

Awards will be made on the basis of the lowest evaluated or responsive bid price. Please note that no bids can be accepted via email or fax.

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

**Original Signature on File**

Patricia A. Peshka  
Purchasing Agent

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**Acknowledgement of Addendum (if applicable)**

**Addendum Number**

**Signature of Bidder**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_

COMPANY ADDRESS: \_\_\_\_\_

BIDDER'S SIGNATURE: \_\_\_\_\_

BIDDER'S NAME (PRINT): \_\_\_\_\_

TITLE: \_\_\_\_\_ TEL. NO.: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_\*

\*Please include your email address. Future bids will be emailed, unless otherwise noted.

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**II. AWARD AND CONTRACT:**

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: \_\_\_\_\_

Bid2023-229

\_\_\_\_\_

Purchasing Agent

**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**CERTIFICATION & WARRANT FORM\***

**This form must be completed and submitted with sealed bid.  
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statutes, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

**\*This form cannot be altered in any way**

**CITY OF WARWICK  
NOTICE TO BIDDERS**

**Bid2023-229 Structural Firefighting Particulate Hoods**

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: <https://www.ridop.ri.gov/contract-portal/>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): [https://www.njpacoop.org/cooperative purchasing](https://www.njpacoop.org/cooperative-purchasing)

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net>

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2023-229 Structural Firefighting Particulate Hoods."

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact Assistant Chief Umbenhauer, Warwick Fire Department at 401-468-4044 or [jason.Umbenhauer@warwickri.com](mailto:jason.Umbenhauer@warwickri.com)

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder must initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder must indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 available on [www.warwickri.gov](http://www.warwickri.gov) should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

The successful bidder will provide said **Certificate of Good Standing** (if required) within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm January 28, 2023 to January 27, 2024. Term contracts may be extended for one additional term upon mutual agreement unless otherwise stated.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The successful bidder must comply with all Rhode Island Laws applicable the public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the

Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondents bid or response and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

**Warwick Fire Department**  
**Request for Bids**

**Structural Firefighting Helmets**

The Warwick Fire Department is seeking bids for Structural Firefighting Helmets, in accordance with the following specifications.

All prices will remain in effect (1) year from date of award with the option of an additional term. All prices are to include shipping and handling charges. Helmets are to be shipped to Warwick Fire Department, 111 Veterans Memorial Drive, Warwick, RI 02886. All orders will be placed on an as needed basis throughout the contract period.

The make and model of the helmet specified is a Bullard UST-LW Traditional Series Structural Helmet. Other brands and models of helmets will be considered if they meet or exceed the requirements of this specification. A sample helmet must be supplied upon request for inspection and verification of compliance within 10 working days.

**EXCEPTIONS TO SPECIFICATIONS:**

Any and all exceptions to the below specifications must be clearly stated for each specification listed. Use additional pages for exceptions, if necessary.

<b>GENERAL REQUIREMENTS</b>		<b>Meets Requirements</b>		
a	<b><u>Performance Criteria (Helmet):</u></b> Helmets manufactured in accordance with this specification are designed to meet or exceed the requirements of NFPA 1971-2018 edition, <i>Standard on Protective Ensemble for Structural Firefighting</i> .	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
b	<b><u>Performance Criteria (Eye/Face Protection):</u></b> All eye/face protection sold as part of the original helmet assembly must be compliant with the impact requirements of the current editions of ANSI/ISEA Z87.1 and NFPA 1971.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
c	<b><u>Manufacturer's Warranty:</u></b> Helmets should be warranted to be free of defects in materials and faulty workmanship for a period of five (5) years from the date of manufacture.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
<b>TECHNICAL SPECIFICATIONS</b>		<b>Meets Requirements</b>		
1	<b><u>Helmet Shell:</u></b> Helmets must have a classic American Fire Service style	<b>Yes</b>	<b>No</b>	<b>Exception</b>

	<p>helmet shell, comprising a crown, with four (4) major ribs (front, back, left and right sides), and four minor ribs equidistant between each major rib, and a brim that has a short front visor continuing around the sides to a large rear watershed area. The upper surface of the watershed should have a textured finish with ivy scroll on the back of the watershed brim. The underside of the brim must have drill guides for the various eye/face protection that can be attached to the shell.</p> <p>The shell material must be a fiberglass composite, consisting of a high-temperature-, flame-, and chip resistant “through-colored” thermoset resin, reinforced with 1” and 2” chopped fiberglass, compression molded to form a one-piece shell.</p> <p>The shell dimensions (with edge-trim) should be 15.5” in length, 11.88” in width and a crown depth of 6.5”. The shell should have a nominal wall thickness of 0.065” in the crown and 0.080” in the brim.</p> <p>The shell must have black or white, high-temperature, flame-resistant, flexible edge trim made of thermoplastic rubber (TPR) with an aluminum core. The edge-trim should be secured around the entire brim of the helmet by crimping the aluminum core, which simultaneously captures and retains a wire used to reinforce the brim of the helmet. The edge-trim should be secured at the mating ends with a high temperature adhesive and clamped by the helmet hanger clip at the edge of the rear brim. The shell must have a helmet hanger comprised of a ¾”, nickel plated “D” ring and a stainless-steel clip. The helmet hanger must be attached to the center rear of the brim.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<p><b><u>Front Holder:</u></b> The helmet shell must be furnished with a collapsible brass front-piece holder designed to absorb impact that must be attached to the main rib on the shell front and positioned to capture the top of standard 6” fire department identification shields (i.e., front piece). <b>The front holder should be a brass carved eagle.</b></p> <p>The shell must have a thermoplastic, front-piece mounting bracket affixed to the front center of the brim. The bracket must provide for positioning and retention of 6” front pieces.</p>	<b>Yes</b>  <input type="checkbox"/>	<b>No</b>  <input type="checkbox"/>	<b>Exception</b>  <input type="checkbox"/>
3	<p><b><u>Impact Cap:</u></b> The impact cap must be an impact-resistant polymer liner covered by a rigid cell, high temperature, energy absorbing</p>	<b>Yes</b>  <input type="checkbox"/>	<b>No</b>  <input type="checkbox"/>	<b>Exception</b>  <input type="checkbox"/>



	urethane foam cap that covers the entire inner crown of the helmet. This impact cap must be held into the helmet shell by the Shell Release tabs and corresponding brackets. It should be removable for inspection and replacement.			
4	<p><u>Head Suspension:</u> The helmet must consist of a six-way head suspension system, attached to the impact cap. The head suspension system should comprise of three (3) fixed 0.75" wide nylon straps mounted at six points on the impact liner and fastened at their intersection to form the 6-way overhead strap assembly. The straps should be attached to the impact cap by means of a rigid plastic clip that locks the straps into the lugs of the impact cap liner. A cloverleaf crown pad must be incorporated into the overhead strap assembly.</p>	<p><b>Yes</b> <input type="checkbox"/></p>	<p><b>No</b> <input type="checkbox"/></p>	<p><b>Exception</b> <input type="checkbox"/></p>
5	<p><u>Sizing Adjustment:</u> The size of the headband must be adjusted to fit the wearer's head by means of a ratchet adjustment system. The headband should be attached to the sides of the impact cap liner by four (4) flexible retention tabs.</p> <p>The rear ratchet arms must have three (3) adjustable positions so that the angle of the ratchet may be set to accommodate the nape of the wearer's head. The headband height must be adjustable at the front of the helmet via a hook and loop system to provide additional comfort to the wearer and maximize compatibility with the SCBA facepiece.</p> <p>The headband should have a head size range of 6 3/8 to 8 3/4, adjustable in 1/8" increments.</p>	<p><b>Yes</b> <input type="checkbox"/></p>	<p><b>No</b> <input type="checkbox"/></p>	<p><b>Exception</b> <input type="checkbox"/></p>
6	<p><u>Liner Comfort system:</u> Helmet must have a removable comfort liner, consisting of a headband cushion and a ratchet pad. Both components should be made of a foam-core laminate system, comprised of a soft black flame-resistant flannel material against the user's head backed by a soft loop material secured to the headband and ratchet with hook fastener. <b>The comfort liner should be machine-washable and constructed of standard flannel</b></p>	<p><b>Yes</b> <input type="checkbox"/></p>	<p><b>No</b> <input type="checkbox"/></p>	<p><b>Exception</b> <input type="checkbox"/></p>
7	<p><u>Chinstrap:</u> The chinstrap must be constructed of three (3) pieces (or sections) of 3/4" wide, spun-Nomex webbing, which are connected by a high-temperature, durable thermoplastic <b>quick-release buckle on the left side of the helmet, and by a cast zinc postman's slide buckle on the right side</b> of the helmet. The middle section should be a minimum of 23" in</p>	<p><b>Yes</b> <input type="checkbox"/></p>	<p><b>No</b> <input type="checkbox"/></p>	<p><b>Exception</b> <input type="checkbox"/></p>

	length and the total length of the chinstrap should be 35" at full extension, end to end.			
8	<p><b><u>Ear and Neck Protection:</u></b> The helmet should provide ear and neck protection with a 7.25" wide, 19" long, full-cut earlap with an expanded opening at the neck, making the ratchet adjustment easily accessible.</p> <p>The triple-layer earlap must consist of a 4.5 oz. / yd., <b>yellow Nomex</b> outer layer, and two flame resistant black flannel inner layers. The earlap should be secured via two (2) Velcro tabs at either end of the top of the earlap and one continuous length of Velcro along the top edge of the earlap.</p> <p>The earlap should be machine washable and can be easily upgraded to a PBI/Kevlar or Bloodborne Pathogen earlap. The ear and neck protector must be removable without interfering with the overhead strap assembly in any way and without removing any part of the helmet suspension.</p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
9	<p><b><u>Retro Reflective Trim:</u></b> The helmet should have eight (8) <b>Lime/Yellow Reflexite</b> tetrahedron shaped pieces of retroreflective trim around the exterior crown of the helmet shell for maximum visibility.</p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
10	<p><b><u>Eye Protection:</u></b> Helmet must be equipped with <u>either</u> a <b>Bourke Eye Shield</b> <u>or</u> <b>Retractable Eye Shield</b>.</p> <p><b>Bourke Eye Shield</b> must be comprised of two 6.5" (W) x 2.75" (L) x 0.2" (D) polyarylate lenses that pivot up and down at 90° simultaneously. The lenses should be fastened to a single keep and cable (spring) system that allows both lenses to move simultaneously. When not in use (i.e., up) they should be low-profile against the underside of the front brim. The entire assembly should be mounted to a brass plate, which is secured to front center brim of the helmet shell.</p> <p><b>Retractable Eye Shield</b> must, when not deployed, must store in a protected fashion between the inner liner and the outer shell. The eye shield must meet the requirements of ANSI/ISEA Z87.1, Standard for Eye and Face Protection. This certification must meet NFPA 1971 requirements for heat and impact performance. The eye shield material must be a high heat polyarylate. A nose comfort pad should be provided. The eye shield must be optically correct with a scratch resistant coating on the inner and outer surfaces.</p>	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>

	<p>The eye shield should be deployable by the wearer with a single hand. The eye shield must transverse across two axes of movement to accommodate most eyeglasses, safety glasses, or other protective eyewear.</p> <p>No tools should be required for the wearer to remove the eye shield for cleaning, decontamination, or replacement. Visor must be held in place by retainer latches. Latches must be able to be actuated with the use of a single finger.</p>			
11	<p><b><u>Helmet Weight</u></b></p> <p><b>Helmets with Internally Integrated Visors</b> Basic configurations of helmets with internally integrated visors must weigh less than 3.40 lbs. (54.4 oz.). In addition to the integrated visor system, these configurations shall include: composite outer shell, retro-reflective trim, edge beading with D-ring, leather front holder, impact liner system, headband and suspension system, chinstrap, and Ear/Neck Protector.</p> <p><b>Helmets with External Faceshields</b> Basic configurations of helmets with externally mounted faceshields must weigh less than 3.90 lbs. (62.4 oz.). In addition to the faceshield, these configurations shall include: composite outer shell, retro-reflective trim, edge beading with D-ring, leather front holder, impact liner system, headband and suspension system, chinstrap, and Ear/Neck Protector.</p>	<p><b>Yes</b></p> <p><input type="checkbox"/></p>	<p><b>No</b></p> <p><input type="checkbox"/></p>	<p><b>Exception</b></p> <p><input type="checkbox"/></p>

**CITY OF WARWICK**

**BID AND CONTRACT FORM**

**TITLE OF SPECIFICATION:** Bid2023-229 Structural Firefighting Particulate Hoods

**I. BID:**

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity below does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price below;

This offer shall remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance below by the CITY OF WARWICK shall transform the bid into a contract. This bid and contract shall be secured by Bonds, if required by the specifications. Please list each fee per parcel below.

**Pricing as follows**

**Warwick Fire Department**  
**Request for Bids**

**Structural Firefighting Particulate Hoods**

The Warwick Fire Department is seeking bids for Structural Firefighting Particulate Hoods, in accordance with the following specifications.

All prices will remain in effect (1) year from date of award with the option of an additional term. All prices are to include shipping and handling charges. Particulate hoods are to be shipped to Warwick Fire Department, 111 Veterans Memorial Drive, Warwick, RI 02886. All orders will be placed on an as needed basis throughout the contract period.

A sample particulate hood meeting the requirements of this specification must be supplied upon request for inspection and verification of compliance within 10 working days

**EXCEPTIONS TO SPECIFICATIONS:**

Any and all exceptions to the below specifications must be clearly stated for each specification listed. Use additional pages for exceptions, if necessary.

**Purpose:**

The purpose of the hood is to provide protection during structural firefighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication

<b>GENERAL REQUIREMENTS</b>		<b>Meets Requirements</b>		
a	<b><u>Standards:</u></b> Particulate hoods must meet or exceed the criteria set forth in the current edition of NFPA 1971 STANDARD ON PROTECTIVE ENSEMBLES FOR STRUCTURAL FIRE FIGHTING AND PROXIMITY FIRE FIGHTING including the optional requirements for PARTICULATE BLOCKING HOODS.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
b	<b><u>Standards:</u></b> All components and composites used in the construction must be third party tested, certified and listed for compliance to NFPA 1971. The label of the third-party certification organization must denote certification.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
c	<b><u>Standards:</u></b> The manufacturer must be registered to the ISO Standard 9001 to assure a satisfactory level of quality.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
d	<b><u>Manufacturer's Warranty:</u></b> Particulate hoods must have a limited lifetime warranty against	<b>Yes</b>	<b>No</b>	<b>Exception</b>

	defects in material and workmanship.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>TECHNICAL SPECIFICATIONS</b>	<b>Meets Requirements</b>		
1	<u>Knit Outer Layer:</u> Exterior and body layer must be constructed of +/- 9.0 oz/sq. yd. Interlock knit 50% Kermel/ 50% Viscose FR. Color must be tan.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
2	<u>Particulate Blocking Layer:</u> The inner particulate blocking layer must be constructed of three ply +/- 6.5 oz/sq. yd. StedAir Prevent laminate.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
3	<u>Sizes:</u> Hoods must be made available in a universal size.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
4	<u>Labeling:</u> Each hood must have a label(s) permanently and conspicuously attached as well as detailed warning instructions provided by the manufacturer. Each hood must be individually labeled to identify fabric, hood model, lot #, date of manufacture, cleaning and storage instructions.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
5	<u>User Information Guide:</u> Each hood must include access to a User Instruction, Safety and Training Guide with imperative information.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
6	<u>Hood Construction:</u> The hood must be designed with a double seam extra protection area that replaces traditional center seam construction. The full face opening must be constructed as a circular opening surrounded by elastic. The elastic must be encapsulated in material and cover stitched. The elastic face opening stretches for ease of donning, snug fit, and proper seal with SCBA. Each hood must have a minimum of a 7.5" long bib (apron) in front and back with notched shoulder design. Binding must consist of self-fabric material to enhance design creating a finished look. All seams must be constructed of a safety lock cover stitch using 100% Nomex thread.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>
7	<u>Hood Layers:</u> <b>The hood must be designed with two layers of material.</b> An exterior layer of 9.0 osy Kermel / Viscose Interlock Knit and a layer of StedAir Prevent laminated between two knit layers.  The hood must be at least 98% effective in blocking particles of 0.1 to 1.0 microns in size, even after 100 washing cycles.	<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input type="checkbox"/>	<b>Exception</b> <input type="checkbox"/>

8	<p><u>Construction:</u>  Design must be compatible with all layers so that the hood does not buckle, pull, or otherwise restrict movement. All layers, including the StedAir Prevent layer, must be caught in each seam to prevent floating or movement of the layers within the hood. The StedAir Prevent layer must be located throughout the entire head and neck portion of the hood, but not over the face opening.</p>	<p><b>Yes</b></p> <input type="checkbox"/>	<p><b>No</b></p> <input type="checkbox"/>	<p><b>Exception</b></p> <input type="checkbox"/>
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**PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID**

**PRICING SHEET MAY NOT BE CONFIDENTIAL**

VENDOR NAME: \_\_\_\_\_

**Structural Firefighting Particulate Hoods**

<b>Item #</b>	<b>Description</b>	<b>Make and Model</b>	<b>Price</b>
1	Lion RedZone Particulate-Blocking Hood, Color Black Model# HD395142  NFPA 1971, 2018 Edition Compliant		

**EXCEPTIONS TO SPECIFICATIONS**

**Any and all exceptions to the above specifications must be clearly stated for each specification listed. Use additional pages for exceptions, if necessary.**

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