



Marysville Fire District

1094 Cedar Ave
Marysville, WA 98270
www.marysvillefiredistrict.org

360.363.8500
Fax 360.659.1382

The Marysville Fire District is soliciting bids for the purchase of one or more Structural Firefighting Particulate Barrier Hoods in various sizes (Equipment). All Bids must be received no later than 3:00 PM, August 1, 2018, with bid opening at 3:15 PM the same day. Bid instructions and Specifications are available on-line at www.marysvillefiredistrict.org, or call 360.363.8500 for more information.

INSTRUCTIONS TO BIDDERS

Any questions in regards to this project may be directed to Thomas Maloney, Deputy Chief, at (360) 363-8506, or (360) 363-8500 Headquarters.

All bids shall be clearly marked on the outside of the envelope with the words, "PARTICULATE HOOD BID", once across the front and once across the back. All Bids must be received by the District Secretary, at the Administration Building,

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no later than 3:00 PM, August 1, 2018. The bid opening shall take place at 3:15 PM, August 1, 2018. The successful bidder will be notified within 30 days of the bid opening.

The District reserves the right to reject any or all bids, and reserves the right to waive any irregularities in the bids or bidding procedure.

The successful bidder must be a factory authorized distributor to sell the equipment specified and proposed.

Contract/purchase documents shall be included with all bids and shall conspicuously include;

- reference to this document as part of the contract, and
- any and all exclusions or exceptions to the specifications, and
- total price of the contract with and without sales tax, and
- total price for each option, and
- shipping costs if applicable, and
- bidders tax identification number, and
- price of any alternate or optional proposals.

Documentation shall be submitted, with the bid, describing in detail the qualifications of the bidder to sell the Equipment.

This bid shall be subject to RCW 39.34, Interlocal Cooperative Agreement, wherein other governmental agencies may purchase off this bid request at the terms and prices indicated herein.

The purchaser reserves the right to reject a bid based on unacceptable provisions of a bidder's contract. No Exceptions.

It shall be the responsibility of the bidder to assure that their proposal arrives at the proper location by the time indicated. Late proposals, electronic, or telephone bids will not be considered.

SPECIFICATIONS FOR PARTICULATE BARRIER HOOD BID

General

It is the intention of the Marysville Fire District to immediately purchase the Equipment; initial estimates reflect a potential for a quantity of one hundred (100). This bid award may be used to purchase additional Equipment by the Marysville Fire District or other agencies, for up to 3 years post award.

All components shall be new and or current manufacturer design. Used, surplus, and discontinued equipment are unacceptable.

All exceptions must be listed on a separate sheet entitled "SPECIFICATION EXCEPTIONS". Each exception must be clearly documented and explained. All bid data sheets must be completely filled out and returned with the and in the sealed bid.

Definitions

- Bidder A Factory Authorized Distributor of the Equipment being bid.
- Equipment Particulate Barrier Hood for Structural Firefighting
- Successful Bidder The Bidder who has been selected by the fire district to supply (and install) components as described in this document.
- Vendor The Successful Bidder upon contract signing, for the purpose of fulfilling the requirements of this document
- Fire District The Marysville Fire District.

Specifications

New Components Only:

All equipment shall be new and of current design and manufacture. Used or refurbished equipment is unacceptable. Manufacture date must be within 8 weeks of delivery.

Approvals

All equipment bid must meet or exceed the particulate barrier hood as designed in NFPA 1971 Standard for Fire Fighters Protective Clothing, 2018 revised edition. Special consideration has been given to the need and performance value of this particulate barrier hood.

Construction and Performance Criteria

Exterior: The exterior layer shall consist of a 20%/80% Nomex/Lenzing blend (8 oz. /yd²), providing excellent and reliable performance.

Middle Layer: The middle layers shall consist of a high filtration layer of material of Stedair® PREVENT. This layer shall block carcinogenic particulates 0.1 µm to 1.0 µm (microns) by greater than 99%. NFPA 1971, 2018 edition will require a minimum of 90%. (These specifications will require a proven 99% passage). The middle layers shall be air permeable, which means air freely passes through it, letting body heat dissipate and helping reduce the risk of increased core temperature. This layer also shall offer a 100% coverage throughout the entire hood. (Pieced barriers around the ears and neck with head top openings will be considered unacceptable in meeting this criteria).

The inner layer shall be a 100% FR viscose multi-filament liner. This material shall give a noticeably cool feeling when worn with superior wicking abilities that spread out moisture to allow for quicker drying. The liner material shall be designed in a way to be less prone to piling than a standard Nomex/Lenzing material.

Layers 2 & 3 shall be laminated together, reducing the bulk of multiple layers and increasing comfort.

TPP: The particulate barrier hood shall have a TPP rating in excess of 20 TPP (department prefers a value of greater than 30 after the pre-conditionings for maximum thermal performance protection).

THL: The particulate barrier hood shall have a THL rating in excess of 425.

Particulate Blocking: The particulate barrier hood, in all its composites and configurations shall be designed to block particulates of 0.1 µm to 1.0 µm (microns) by greater than 99%. (NFPA requirement is a minimum of 90%. Successful supplier will be required to exceed the minimum standard).

Design: The particulate barrier hood shall be designed with a Universal Size Flatlock stitch for maximum comfort. It shall be available in 21'' in length with a full drape coverage around the shoulders. The particulate barrier hood shall be made to offer 100% protection coverage throughout the hood. A heavy ½'' Elastic around the face opening shall be included to prevent stretching out when worn around the neck. This particulate barrier hood is expected to pass all standards well beyond the 10 wash requirement outlined in NFPA 1971, 2018 revised addition standards. (Department prefers the hood to pass air permeability for up to 100 washes and to still provide optimized comfort and protection).

Made in the USA: All hoods shall be made in the USA.

Identification:

All Equipment and accessories shall be clearly identified with permanently affixed nameplates, tags, permanent labeling, or other industry standard means, stating the manufacturer, manufacture date, model, material, and serial number, as customary for the Equipment. Other pertinent information is to be properly documented and submitted upon delivery.

Documentation & Instructions:

One complete documentation package shall be delivered with Equipment containing information on operation, maintenance, troubleshooting, replacement, etc., unless otherwise agreed to by the purchaser at the time of order.

A documentation package shall include, at a minimum, an Operator's Instruction and Maintenance manual, warranty information and any start-up/warranty registration forms.

The Operator's Instruction and Maintenance Manual for the Equipment shall be as detailed as possible, outlining all operation and maintenance instructions. Warnings and safety precautions shall be identified clearly in the manual.

Testing & Warranty:

All equipment shall be factory assembled, thoroughly tested and backed by a minimum of a one-year limited warranty covering. The warranty shall commence no earlier than the date of delivery.

Shipment & Delivery:

The Equipment shall be suitably prepared for motor freight transport.

Shipment shall be delivered to:

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Vendor agrees that all components ordered shall be delivered within 4 weeks of bid award notification to the vendor. Failure to deliver within 4 weeks (28 consecutive calendar days) shall result in the application of liquidated damages in the amount of ten dollars (\$10.00) per day per Hood.

Acceptance and Payment:

The Fire District shall accept the Equipment once the fire district is satisfied that all portions of the agreement between the vendor and the fire district have been completed to the satisfaction of the fire district. Once the fire district accepts the Equipment, full payment shall be made within normal payment processing constraints, generally no longer than 45 days.

Contract Award

The Purchaser reserves the right to reject any or all bids deemed by the Fire District to be unresponsive.

The final contract will be awarded to the lowest responsible bidder most closely meeting the departments attached specifications, based upon the criteria of the fire department. Bid award, if any, will be made within sixty (60) days of the bid opening.

The purchaser also reserves the right to waive any informalities, irregularities and technicalities in procedure. The purchaser is not bound to accept the low bid.

Bidders shall submit their standard purchase contract with bid proposal, for the review of the Fire District.

Pricing submitted shall be honored by the vendor for a period of 12 months.

The Fire District reserves the right to extend the period of time the contract shall be valid for up to three years, allowing the Fire District to purchase additional items as deemed necessary. The Fire District may elect, at its sole discretion, to negotiate the purchase cost for additional units after a period of one year, based upon negotiated price adjustments following the Consumer Price Index and annual adjusted rate of inflation for emergency equipment.

Accessories and Options