



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: March 8, 2021



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Lisa Burnham, Controller
Richard Riesterer, Fire Chief
Peter Hullinger, Assistant Fire Chief
Emily Frontera, Purchasing Manager

Subject: Bid Waiver Purchase - Bullard Particulate Barrier Hoods – Sole Source Distributor

History

The Fire Department issues various safety equipment to protect the firefighters. A component of the personal protective equipment issued to each firefighter is a hood that covers a portion of their breathing mask and exposed portions of their head. It provides additional protection from heat, and acts as chemical barrier protection.

For years, the department issued each firefighter a protective hood that incorporated thermal protection capabilities only. Over the years, companies have developed materials that have allowed for the creation of hoods that now offer both thermal and particulate barrier protection. The Fire Department's safety committee, which is comprised of 2 firefighters from each station, conducted a thorough evaluation and testing of multiple hoods. Their determination is that the Bullard PBH hood offered the best protection and value for the Fire Department. The Bullard PBH hood will not only protect the firefighters from thermal exposure, but also provide a barrier from toxic, carcinogenic smoke particles that can be absorbed through the skin via the head, neck and shoulders.

Purchasing

- *Dinges Fire Company of Amboy, IL*, is the Bullard authorized dealer for Southeast Michigan.
- It is in the best interest of the City to waive the bid process and purchase two hundred (200) Bullard-PBHWML24 hoods from *Dinges Fire Company of Amboy, IL* the sole authorized distributor for Southeast Michigan, for an estimated cost of \$18,073 as detailed in the attached quote #17703.

Financial

Funds are budgeted and available in the General Fund under the Fire Department for the 2021 fiscal year. Expenditures will be charged to 101.336.338.7740.115.

Recommendation

In the best interest of the City, City management recommends waiving the bid process and awarding to *Dinges Fire Company of Amboy, IL*, the authorized Bullard dealer for Southeast Michigan, a contract to purchase two hundred (200) Bullard-PBHWML Hoods for an estimated total cost of \$18,073.



Dinges Fire Company

243 E Main St.
Amboy, IL 61310
Phone: 815.857.2000
www.DingesFire.com

Bill To:

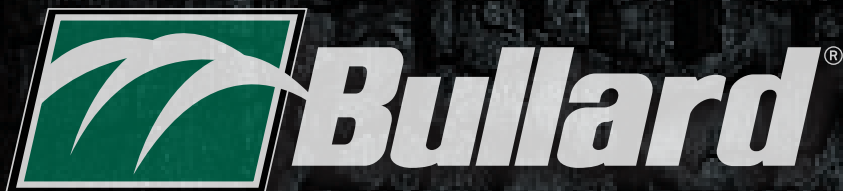
City Of Troy Fire Department (Troy,MI)
C/O: Eric Emmons
500 W Big Beaver Road
Troy, MI 48084

Ship To:

City Of Troy Fire Department (Troy,MI)
500 W Big Beaver Road
Troy, MI 48084

Quantity	Item	Description	Price	Total
200	Bullard-PBWHML24	1 Particulate Barrier Hood, Size ML	\$89.99	\$17,998.00

* Sales tax will be applied to customers who have not provided a tax exempt certificate.	Sub Total	\$17,998.00
* Quote Created on 11/25/2020 - valid for 30 Days	Shipping	\$75.00
* Shipping is an estimate, Actual Shipping will be reflected on Invoice.	Total	\$18,073.00



PBH99

Cover. Resist. Protect.

Bullard's Front-line Defense Particulate Barrier Hood

Features and Benefits

The **Bullard PBH99** is your front-line protection against the hazards you don't see, helping to block potentially carcinogenic particulates on the fire scene. Meets UL certification to NFPA 1971, 2018 edition.

COVER: Our unique seven panel design gives you a more comfortable and secure fit around the head, neck, and shoulders.

RESIST: PBH99 gives firefighters confidence that over 99% of the carcinogenic particulates found on the fire scene are being blocked, while allowing air to flow through the hood.

- Interior Trilaminate Layer: PBH99 materials are Nomex®, Lenzing, and Stedair PREVENT® for on-scene protection
- Exterior Layer: 20% Nomex, 80% Lenzing.

PROTECT: PBH99 offers firefighters a barricade to toxic carcinogenic smoke particles for protection around the head, neck, shoulders and transfers heat away from the firefighter's face.

Bullard Cares Mission portfolio of cancer mitigation products includes the Decon Cloths, Cares Kit, and now the PBH99 Hood. Learn more at: www.bullard.com/wecare.



How to Measure For Your Size Hood

Distance to measure to determine size. Size corresponds to chart below.

Part Number	Size	Description
PBHWML24	ML 6 3/4"	Particulate Barrier Hood, ML (Case of 10)
PBWHXL24	XL 7 1/4"	Particulate Barrier Hood, XL (Case of 10)



www.bullard.com



PBH99

We Got You Covered.



PREVENT

Blocks 99.19%* of particulates and offers an ideal balance with a Thermal Protective Performance (TPP) of 20.4 cal/cm² while maximizing the Total Heat Loss (THL) of 407.5 W/m².

THE PERFECT FIT

Heavy-Duty 1/2" elastic sewn into the face opening. Form fitting material allows for a comfortable fit and expands to hug facial features.



Two layer comfort that protects and prevents while blocking particles.

MOBILITY

Expansive range of movement - 24" in length.

COMFORT

Seven panel design gives you a more comfortable and secure fit around the head, neck, and shoulders to prevent excessive bunching.

FULL COVERAGE

Helps to protect vulnerable areas more fully, with coverage around the shoulders.



DURABILITY

Reinforced flatlock stitching.

*Particulate Blocking: Blocks 99.19% of particles from 0.1 to 1.0 µm.

Bullard Center

2421 Fortune Drive
Lexington, KY 40509 • USA
877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-246-0243

Americas Operations

1898 Safety Way
Cynthiana, KY 41031 • USA
877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-234-8987

Bullard GmbH

Dieselstrasse 8a
53424 Remagen • Germany
Tel: +49-2642 999980
Fax: +49-2642 9999829

Bullard Asia-Pacific Pte. Ltd.

LHK Building
701, Sims Drive, #04-03
Singapore 387383
Tel: +65-6745-0556
Fax: +65-6745-5176

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