

WILLIS THOMPSON
MAYOR

THOMAS "T.J." MAYFIELD
WARD 1 ALDERMAN

VICKIE BAILEY
WARD 2 ALDERWOMAN



City of Vicksburg

1401 WALNUT STREET | VICKSBURG, MS 39181 | (601)636-3411

January 23,2026

Board of Mayor and Aldermen
City of Vicksburg
Vicksburg, Mississippi 39181-0150

Gentlemen:

Attached is requisition **2602488**, in the amount of **\$18,062.59** written to **Lion Group, Inc.** for the purchase of one (1) **Smart Extinguisher Intelligent Training System** for the Fire Department to be used at the Vicksburg Fire Training Center.

Funds were allocated and are available.

According to the attached letter this is a source item. The Mississippi Code of 1972, Annotated, Section 31-7-13 (m) (viii) allows sole source purchases. I am submitting this letter for board approval.

I respectfully request that the Board of Mayor and Aldermen of the City of Vicksburg authorize this agreement.

Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in black ink that reads "Tara Brown".

Tara Brown
Purchasing Director

attachment

Incorporated 1825

City Website: <http://www.vicksburg.org>

Miss Code 1972
Section 31-7-13 (viii)

(viii) SINGLE SOLE SOURCE ITEMS

Noncompetitive items available from one (1) source only. In connection with the purchase of noncompetitive items only available from one (1) source, a certification of the conditions and circumstances requiring the purchase shall be filed by the agency with the Department of Finance and Administration and by the governing authority with the board of the governing authority. Upon receipt of such certification the Department of Finance and Administration or the board of the governing authority may, in writing, authorize the purchase, which authority shall be noted on the minutes of the body at the next regular meeting thereafter. In such situations, a governing authority is not required to obtain the approval of the Department of Finance and Administration. Following the purchase, the executive head of the state agency, or his designees, shall file with the Department of Finance and Administration, documentation of the purchase, including a description of the commodity purchased, the purchase price thereof and the source from whom it was purchased.



LION SAFETY SOLUTIONS

7200 Poe Avenue, Suite 400

Dayton, Ohio 45414

1.800.421.2926

November 18, 2024

To Whom It May Concern,

LION is the sole manufacturer for the Intelligent Training System, which is used to provide cost-effective, realistic and repeatable live-fire extinguisher training. The I.T.S. is not manufactured through any other vendor and there are no other similar products available on the market.

The I.T.S. is the only fire extinguisher training system capable of varying live-flames based on where a trainee is aiming and sweeping a fire extinguisher. The system works by sensing where a trainee aims the SmartExtinguisher® (included with the system). The system then varies propane-fed flames accordingly to simulate the response of a fire to a dry-chemical fire extinguisher.

The SmartExtinguisher, however, needs only to be filled and recharged with compressed air and water. The sensors in the I.T.S. determine where a user is aiming and sweeping the SmartExtinguisher and the on-board control system determines how to vary the flames in response. If the user utilizes the correct technique, aiming and sweeping at the base of the fire, the flames will be extinguished. If the user does not utilize the proper technique, the fire may die down but will not be fully extinguished. The I.T.S. is also the only fire extinguisher training system that can offer a time-to-extinguish score for each trainee.

The technology that enables the I.T.S. to sense the SmartExtinguisher and vary the flames in response is patented. The United States Patent Number is 7,175,439.

A handwritten signature in black ink that reads "Justin Malloy".

Justin Malloy
Senior Product Manager
LION Safety Solutions
7200 Poe Avenue
Dayton, Ohio 45429



7200 Poe Ave	Quote #:	00009623
Suite 400	Date:	1/14/2026
Dayton, OH 45414	Salesrep:	Andrew Dabrowski
Ph: 518-689-2023	Expires:	2/28/2026
FAX: 518-689-2024	Payment Terms:	2% 10 Net 30

Bill To:	Ship To:	Contact:
Vicksburg Fire Department 1630 Walnut St Vicksburg, MS 39180-3538 United States	Vicksburg Fire Department 1630 Walnut St Vicksburg, MS 39181 United States	Courtney Reed creed@vicksburg.org (601) 801-3815 601-630-8044

Item No.	Product Name	Qty	List Price	Discount	Extended Price
MAG005#	Magnum Hose Line & Fire Extinguisher Trainer Magnum Hose Line Trainer & Fire Extinguisher Trainer	1	\$ 17,672.99	20.0 %	\$ 14,138.39
MAGPB	Magnum Prop Base	1	\$ 740.00	25.0 %	\$ 555.00
MAGP002	Trash Can Prop for Magnum	1	\$ 1,058.00	20.0 %	\$ 846.40
MAGP003	Electric Motor Prop for Magnum	1	\$ 1,058.00	20.0 %	\$ 846.40
MAGP001	Flat Screen Computer Monitor Prop for Magnum	1	\$ 1,058.00	20.0 %	\$ 846.40
MAG60PT	60 lb Propane Tank for Magnum	1	\$ 350.00	20.0 %	\$ 280.00

Subtotal:	\$ 17,512.59
Shipping and Handling:	USD 550.00
Tax %:	
Grand Total:	USD 18,062.59

Thank you for contacting LION, we value your request and hope this offer suits your training needs.

Please feel free to contact us about this quote or how LION fire training products can enhance your training scenarios.

Terms & Conditions

https://www.lionprotects.com/hubfs/LION_General_Terms_and_Conditions_of_Sale_and_Delivery_Rev_12-21.pdf

Pricing excl. VAT., local taxes or import duties.

All sales or agreements made in connection with this quote shall be governed by the General Terms and Conditions of Sale and Delivery provided at the web page accessible above or here of Lion First Responder PPE, Inc., with its place of business at 7200 Poe Avenue, Suite #400, Dayton, OH 45414, and companies or enterprises affiliated therewith (hereinafter jointly referred to as Supplier).

EXPERIENCE FLAMES AND REAL HEAT WITH A PROPANE SYSTEM.



LION[®]
ready for action

Realistic Live-Fire Skill-Building with the
Magnum™ Hoseline & Extinguisher Training



Create
multiple
scenarios with
interchangeable
props

Whether they use a fire extinguisher or hose line, your firefighters will feel the heat when fighting the **LION MAGNUM Hose Line & Fire Extinguisher Training System**. The system has an output of 2.8 million BTU (550KW) providing a realistic fire for full scale hands-on training. Smart controls shut down

the propane and auto ignition only if the fire is knocked out completely to make sure they learn the skill and gain muscle memory.

With intense flames and rugged construction **MAGNUM** is designed for full-scale firefighter training and can be hit with nearly anything in

your firefighting arsenal. Built-in wheels and easy set-up allow you to quickly create challenging training scenarios.

Magnum™

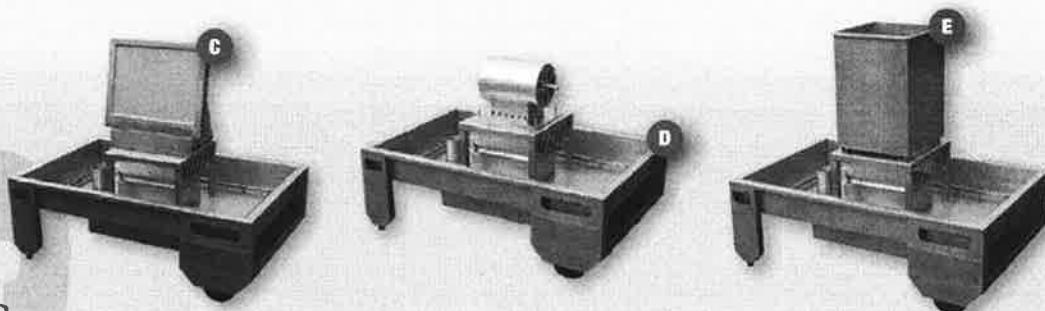
A REALISTIC FIRE FOR FULL-SCALE HANDS-ON TRAINING



AVAILABLE PRODUCTS: A. MAGNUM B. Hand held Controller C. Computer Monitor Prop D. Electric Motor Prop E. Trash Can Prop F. 60 lb (27kg) Propane Tank
(Not Shown: Propane Supply Cart and Recharger)



NOTE: Product availability and design may differ based on market location.



Specifications

CENTRAL PILOT

The industrial-grade pilot is located in the center of the system, allowing for rapid ignition and maximum burn area. The Magnum pilot is the same ignition system used in fixed firefighter training facilities.

FLAME TYPE SELECTION

Dual burners allow you to select either pressurized vapor fires or liquid surface fires.

SMART CONTROLS

If the trainee fully extinguishes the flames, on-board sensors shut off the propane supply, signaling a successful evolution.

ADD-ON PROPS

Enhance the realism of your training and prepare for different scenarios with our add-on props. Choose from the trash can prop, propane tank prop and computer monitor prop.

SAFETY FEATURES

- Built in Emergency-Stop
- Auto-Ignition Pilot
- Infrared Flame Safety Sensor for Propane Control

PORTABLE

Built in handle and wheels allow for easy transport and set up.

PHYSICAL SPECIFICATIONS

PROPANE STAND

- **Dimensions (L x W x H):** 29" x 15" x 54" (73.66 x 38.1 x 137.16 cm)
- **Type of Gas Used:** Propane Gas (Two Cylinders, 50 lb. or 60 lb.) (23kg. or 27kg.)
- **Adjustable Reducing Valve:** Rechargeable NiMH 7.2 V

BURN PAN

- **Dimensions (L x W x H):** 49" x 31" x 23" (124.46 x 78.74 x 58.42 cm)

- **Weight:** 140 lb. (63.5kg)

- **Depth of Waterbed:** 6" (15.24 cm)

- **Material:** Stainless Steel

- **Fuel Type:** Propane
- **Maximum Power:** 2,992,448 btu/h (877 kW)

- **Flame Height (Normal Max):** 9 ft. (2.74 m)

- **Length of Gas Hose:** 20' (6.10 m)

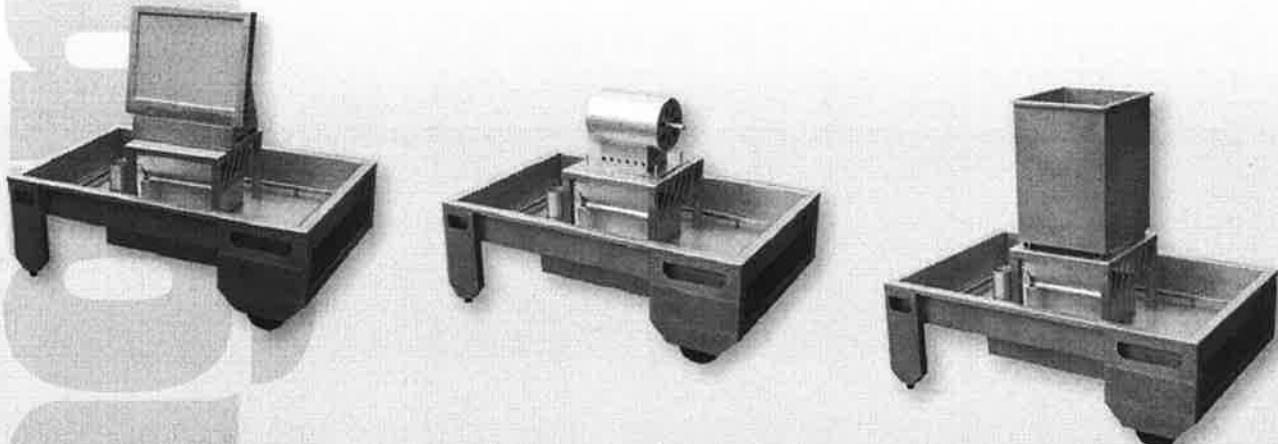
- **Cable Length for Remote Control:** 25' (7.62 m)

- **Electrical:** Internal Battery

CHARGER

- **Input Voltage:** 120 VAC — 2 Amp and is fully adjustable up to 60 pounds (27.21 kg).
- **Charging Time:** 6-8 hours
- **Usage Cycle per Charging Cycle:** Four Hours Continuous Burn Time

A REALISTIC FIRE FOR FULL-SCALE HANDS-ON TRAINING



Popular Packages

COMPONENT	BASE
Magnum Hose Line & Fire Extinguisher Trainer	1
ADD ONS	QTY
60 lb Propane Tank for Magnum	2
Magnum Trash Can Prop	1
Magnum Electric Motor Prop	1
Magnum Flat Screen Computer Monitor Prop	1
Magnum Prop Base (Required to use props)	1