

Lexington Fire Department

ADVANCED VEHICLE FIRE TRAINING PROP

Pricing Proposal

April 4, 2018



Quote Number: 94586

Date: 4-4-18

Sales Person: Kathy Plant

Valid Until: 5-4-18

Terms: See General Terms and Conditions

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Greetings

Bullex is proud to provide the following offer. Our advanced Vehicle Fire Training System is designed to provide realistic live fire training suited to your specific needs. Bullex offers smashable headlights, pry-able hood and an integrated cooling system as standard features of our vehicle prop package. Note that all Bullex props are covered by a ten year construction warranty. In addition, the pilot box, control console and all associated components are covered by a one year comprehensive warranty. The specifications and the corresponding Bullex offer are summarized below.

Bullex Vehicle Fire Training System Package

Price: \$39,895

The Bullex Vehicle Fire Training System includes:

Bullex Car Fire Prop

- **10-year construction warranty**
- **1/4"** and **1/8"** all steel construction with protective heat resistant paint
- **1/3"** C Channel galvanized steel frame. Thicker gauge steel at high heat areas allows for much longer life of car.
- Industrial gauge integrated steel casters for moving car prop
- Car prop dimensions: 12'6"l x 5' 6"w x 4'6"h
- **4 burn zones** - Create driver and passenger compartment, engine, and wheel-well fires at the push of a button
- Live fire training prop used in conjunction with Hose Line Fire Training System
- Hinged hood, trunk, and passenger doors
- Driver and passenger seat backs, steering wheel, hood prop bar
- **Pry-able and Roll-able Hood** - Conduct forcible hood entry drills with the Pry-able and Roll-able Hood feature. The special design with replaceable hood plates of varying difficulty allows for



challenging yet repeatable hood-rolling drills without damaging the prop.

- **Integrated Cooling System** - Cooling piping is built into the vehicle itself and connects to a standard garden hose, allowing for long duration fire simulations while minimizing steel fatigue and wear. Ideal for use when practicing positioning of apparatus, angle of attack, and stretching the proper hose lines, etc. while the vehicle remains fully involved.
- **Smashable Headlights** - Conduct engine compartment extinguishing drills with the Smashable Headlights feature. Specially designed headlight holes in the grill allow for drills of varying difficulty with different types of metal headlight plates.
- All steel construction



Fire Tray and Pilot Control Box

- Removable tray can be positioned independently to simulate a fuel spill or can be used in conjunction with several other BullEx training props
- Engineered for use with hand lines, CO₂, and water extinguishers
- Propane fueled industrial grade fire fighter training unit
- Stainless steel 4' x 6' fire tray
- **CSA Approved and UL Listed stainless steel** continuous burn forced air pilot control box with four (4) burn zones for realistic fire simulation
- Removable pilot box can also be used with other BullEx props or fire trays



Mobile Control Console

- **UL Listed Control Console** interfaces between props and upstream propane and power supply. Houses core gas and power components, control components, optional wireless and sound effect components (if selected), and **built in E-stop button**.
- Includes 50 foot gas hose with **self-sealing quick disconnect fittings**, specifically designed to prevent propane leaks up to 250psi in high-pressure gas delivery situations. Hose and fittings constructed to withstand environment elements and heat from normal operation.
- **NEMA 4X** rated to resist corrosion
- Wired remote (unless upgraded to wireless) to independently start and stop multiple burn zones, with deadman button
- Includes power cable to connect to customers power supply



Options:

The following options will be included with your car prop.

Wireless Remote Control Option

Rugged, industrial grade hand-held wireless remote control. Controls fire simulation systems including four independent fire zones and add-on fires, and optional features such as smoke and sound effects. Includes a stop button for rapid shutdown. The wireless option will allow operation of one prop at a time.

Price: \$4,195



Integrated Vehicle Smoke Option**Price: \$2,095**

- This option includes heat shielding and ducting for the smoke option. **Smoke generator is not included.**
- 4,000 cubic ft/minute to zero visibility smoke output
- Integrated design produces smoke around the vehicle. Smoke generator is placed into trunk of the vehicle training prop, with protective heat shielding for optimal long term performance.
- Start and stop the smoke generator using a wireless remote control
- Smoke generator can be removed for training in additional locations

**Installation, Set-up and Training****Delivery to site:****Price: NO CHARGE****Set-up and Training:****Price: \$1,672****Includes:**

- Installation and calibration
- Set-up and test operation of vehicle prop
- 4 hour train the trainer session for up to 10 people
- User manual
- Toll-Free technical support
- One year comprehensive warranty on materials and parts
- Ten year construction warranty on the steel vehicle prop
- Site work not included. It is the responsibility of the customer to provide gas and electricity to the console.

Our Approach

Realism

BullEx Training Systems are designed to simulate every aspect of a fire or emergency response situation. The fire training systems, structures, and their interior props are constructed accurately to scale, and the fires are built into objects and appliances that would be found in real life. BullEx focuses on building the most realistic fire training scenarios possible allowing trainees to experience the full impact of an emergency situation. Every critical environmental condition that a first responder may face during an emergency can be simulated, including darkness, smoke, sound, flames and heat – depending on the scenario desired. As a result, trainees come to fully experience the challenging physical and psychological effects both on themselves and on others participating in the exercise. Wherever possible, technical instruments and services such as gas and electrical supplies, ventilation systems, and pilot burners are “hidden” from view using special design elements and technologies.

Integrated focus on safety and performance

BullEx training systems are designed, built and installed to ensure that all safety controls are integrated directly into the operational device. Our technicians calibrate the safety settings for each module to maximize safety and ensure all training situations are of a consistent and high quality. BullEx systems are CSA and UL/ULC approved. BullEx’s in-house technical support team is completely familiar with all the details of your system and is on-call to provide the maintenance and service your training requires.

Effective training

Most importantly, the training system you acquire needs to be designed to effectively teach the lessons important for your actual risk and response situation. The training simulator must be a tool that addresses your training needs and serves as a way to support the educational program of your instructors. BullEx is focused on designing systems that help you teach the critical fire and safety skills needed to address your highest risk elements.

Experience

BullEx is a market leader in the field of fire and safety training equipment. Headquartered in New York, with offices in nine countries worldwide, BullEx serves a global customer base with its best-of-class

training technologies. Used by thousands of organizations to train millions of fire and safety professionals, Bullex fire training systems have become the industry standard.

Industry Recognition

Our Bullex products have received numerous industry recognitions and awards, including (among others):

- ISFSI Innovation Award - 2016
- Manufacturing Leadership Awards – New Product Leadership - 2015
- Prestigious Build Award for Excellence in Design and Construction – 2014
- Industry Awards from 2010-2013
- Occupational Safety and Health Magazine – New Product of the Year – 2009
- Australia Fire Awareness Award – 2008
- National Registry of Environmental Professional – Environmental Training Award 2007

We offer a total solutions product line for firefighter training, fire brigade training, fire prevention public education and corporate safety training.

Bullex clients include every branch of the US armed forces, the US Department of Homeland Security, NASA, and thousands of other fire departments, government offices, and corporate clients.



Contact

Seeing is believing. We hope that this proposal offers us an opportunity to show how BullEx's advanced fire trainer can help Lexington Fire Department achieve your training goals.

Thank you for considering BullEx as a trusted source for your fire training. It has been an honor for us to provide you with this budgetary proposal.

Please do not hesitate to contact us should you require any more information or have any questions about the proposal provided or our company.

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