



City of Virginia Beach

VBgov.com

DEPARTMENT OF FIRE
(757)-385-8882
FAX (757) 963-5822
TTY: 711

FIRE ADMINISTRATION
TOWN CENTER
4817 COLUMBUS STREET
VIRGINIA BEACH, VA 23462

February 5, 2015

Virginia Fire Services Board
1005 Technology Park Drive
Glen Allen, VA 23059

Department of Fire Programs

FEB 27 2015

Dear Board Members,

Administration

The Virginia Beach Fire Department is currently seeking a Regional Fire Services Training Facility grant to enhance the fire service training capabilities to our region. Located in VDFP Division 5, we operate a state of the art training center with classroom space, urban search and rescue, live fire (Class A and natural gas), mayday, confined space, vehicle extrication and other capabilities. We conduct an eight month long fire academy each year in cooperation with VDFP. All of our fire training is conducted in accordance with NFPA 1001 (Standard for Firefighter Professional Qualifications and 1403 (Standard for Live Fire Training Evolutions). The facility has been continuously operating since 1979.

Our facility is utilized by numerous regional partners on a regular basis to conduct all types of necessary training exercises. The cities of Norfolk, Portsmouth, Chesapeake, Hampton & Newport News utilize our facility regularly. We also host cities from outside of the region as well as our partners with the United States Armed Forces and the Virginia National Guard. I have included three of those partners on the grant application and attached a spreadsheet with additional details of usage.

The Virginia Beach Fire Department has not executed any official MOU's or MOA's regarding our facility as we have not required any cost sharing for any agency utilizing our facility. When realizing that formal MOU's were a requirement of this grant, we reached out to VDFP for clarification. The requirement is understood, but was never a necessity at our facility since the VBFD has always funded the construction, maintenance, and repair of the facility. Deputy Director Pettinger advised the VBFD to submit the grant application with this cover letter to ensure that it was clear that we are a regional facility. Attached to this document is data to confirm that our regional partners are utilizing this facility regularly.

With the Regional Fire Services Training Facility Grant, we seek to add a natural gas fire vehicle fire training prop. The initial estimate for this prop from one vendor is \$57,475. We are seeking the maximum award of \$50,000 and intend to make up the balance with ATL funding. The addition of this prop to our facility will enhance the training opportunities and reduce costs in the future. Vehicles used for this type of training cost approximately \$500 each, which can become cost prohibitive over time. The gas fired prop will also dramatically reduce the number of times that actual vehicles will be burned resulting in reduced emissions from burning synthetic materials.

A single cost estimate was requested through Bullex. The vendor and costs could change during the RFP process. The breakdown of the requested prop is outlined below.

Bullex Vehicle Fire Prop

• Gas burning tray (required)	\$19,795
• Vehicle prop (required)	\$23,995
• Smoke generator option	\$5,995
• Pryable hood option	\$2,495
• Wireless controller option	\$5,195
Total	\$57,475

Please feel free to contact us should you require any additional information or data. Thank you for this opportunity.

Sincerely,



Steven R. Cover
Fire Chief

SRC/lai

Attachments

Department of Fire Programs

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Administration



General Instructions & Notices

- Applicants are directed to "**Regional Fire Services Training Facilities Grant Program Policy**" as amended for the current funding year which is incorporated by reference to all applications and any subsequent awards. (Such practices document is inclusive of all *terms & conditions*.)
- The filing of an application does not bind the Board to award nor the Department to pay any such grant.
- Incomplete applications and those received after the deadline will not be considered.
(Deadline) → **March 1, 2015** postmarked
- Completed applications executed by the competent authority will only be accepted directly from jurisdictions not fire departments.
- Timeliness of filing and subsequent receipt by the Agency are solely the applicant's responsibility – all applications must be completed in ink and sent directly to: **VDFP Grants and Local Aid Manager,**
Address → **1005 Technology Park Drive, Glen Allen VA 23059-4500**
- All decisions regarding grant awards made by the Board are final; applicants may appeal decisions in writing to the address provided above within 15 business days of the posting of awards.

A. Applicant Information

1. Title of Lead Jurisdiction Making Application (Check <input checked="" type="checkbox"/> only one, then make entry)	<input type="checkbox"/> County of	<input type="checkbox"/>
	<input checked="" type="checkbox"/> City of	Virginia Beach
	<input type="checkbox"/> Incorporated Town of	
2. Employer Identification Number (EIN)	[REDACTED]	
3. Principal Point of Contact (Include salutation, name & title.)	Jack Crandell Battalion Chief	
4. Mailing Address (Include zip code) Identify COUNTY if appropriate	927 S. Birdneck Road Virginia Beach, VA 23451	
5. Telephone Number	(757)	385-2870
6. FAX Number	(757)	437-4921
7. Internet e-mail address	jncrande@vbgov.com	

B. Additional Parties

	Identify ALL jurisdictions (Not Fire Departments) participating in the proposed project. Attach additional sheets as may be required.
1. Formal Agreement Among Parties	<p>In accordance with Program Policy, multi-jurisdictional regional training partnerships must be documented (e.g. MOA, MOU, etc.) as required supporting documentation to the Application for consideration of Program funding.</p> <p>A copy of the Agreement has been attached to this application. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><i>If a copy of the Agreement has not been attached as required supporting documentation, this Application will be considered incomplete and funding will not be approved.</i></p>

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(Reproduce and complete as many additional blocs as may be necessary for complete disclosure.)

2a. Complete <u>one each</u> for ALL other Parties of Interest	Number 2 of a total of 4 parties to proposed project (Count the LEAD Locality as #1, thereby start with #2.)
2b. Title of Jurisdiction (Check <input checked="" type="checkbox"/> only one, then make entry)	County of _____ City of Newport News Incorporated Town of _____
2c. Employer Identification Number (EIN)	_____
2d. Principal Point of Contact (Include salutation, name & title.)	Robert O. Craft Assistant Chief
2e. Mailing Address (Include zip code+4) Identify COUNTY if appropriate -	17300 Warwick Blvd. Newport News, VA 23603
2f. Telephone Number	(757) 757-969-1800
2g. FAX Number	(757) 757-969-1844
2h. Internet e-mail address	rcraft@nnva.gov

Department of Fire Programs

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(Reproduce and complete as many additional blocs as may be necessary for complete disclosure.)

2a. Complete <u>one each</u> for ALL other Parties of Interest	Number 3 of a total of 4 parties to proposed project (Count the LEAD Locality as #1, thereby start with #2.)
2b. Title of Jurisdiction (Check <input checked="" type="checkbox"/> only one, then make entry)	County of _____ City of Hampton Incorporated Town of _____
2c. Employer Identification Number (EIN)	_____
2d. Principal Point of Contact (Include salutation, name & title.)	Wendell Johnson Battalion Chief
2e. Mailing Address (Include zip code+4) Identify COUNTY if appropriate -	1300 Thomas Street Scnd Floor Hampton, VA 23669
2f. Telephone Number	(757) 757-727-1094
2g. FAX Number	(757) 757-727-1317
2h. Internet e-mail address	wjohnston@hampton.gov

Administration

(Reproduce and complete as many additional blocs as may be necessary for complete disclosure.)

2a. Complete <u>one each</u> for ALL other Parties of Interest	Number 4 of a total of 4 parties to proposed project (Count the LEAD Locality as #1, thereby start with #2.)
2b. Title of Jurisdiction (Check <input checked="" type="checkbox"/> only one, then make entry)	County of _____ City of Norfolk Incorporated Town of _____
2c. Employer Identification Number (EIN)	_____
2d. Principal Point of Contact (Include salutation, name & title.)	Robewrt Burton Battalion Chief
2e. Mailing Address (Include zip code+4) Identify COUNTY if appropriate -	100 Brooke Ave. Norfolk, VA 23510
2f. Telephone Number	(757) 757-664-6600
2g. FAX Number	() 757-441-1118
2h. Internet e-mail address	robert.burton@norfolk.gov



C. Previous Applications/Awards

1.	Has the Applicant previously applied for a RFSTF Grant from the Board? - check <input checked="" type="checkbox"/> one	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes
2.	Has the Applicant previously received a RFSTF Grant from the Board? - check <input checked="" type="checkbox"/> one	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes

D. Project Title(s) and Description(s) *Enter a descriptive 'Title' and brief 'Description' for the lead training project ^{and/or} program proposed for funding from any Grant which may be awarded pursuant to this application.*

(Project Title)	(Description)
1 Gas Fired Car Fire Training Prop	Bullex car fire training prop system with smoke and wireless control/Natural gas
Which statement best describes the above proposed project and/or program? check <input checked="" type="checkbox"/> one	
<input checked="" type="checkbox"/> New <input type="checkbox"/> Change to existing <input type="checkbox"/> Continuing	
Which statement best describes how many training programs may benefit from the proposal? check <input checked="" type="checkbox"/> one	
<input checked="" type="checkbox"/> Multiple Programs <input type="checkbox"/> Single Program	
Describe the impact on training if this Grant is not awarded, or check <input type="checkbox"/> No Significant Impact	
Purchasing junk vehicles for training that are "clean" according to local and EPA standards is becoming cost prohibitive. An award of this grant would provide significant savings to our training budget in the long run.	
<input type="checkbox"/> ← Check <input checked="" type="checkbox"/> IF a Continuation D Sheet is used to account for more than one (1) project / program . IMPORTANT , if box above is checked and no continuation sheets are attached, the application will not be further considered.	

E. Project Goods & Services Requested *In the below table, itemize in priority order – starting with the most needed first, ALL items of "Goods" (e.g. equipment, hardware or other durable items) or categories of "Services" which are to be funded in whole or in part from any Grant which may be awarded pursuant to this application.*

Enter Project Title from [D] above	Check <input checked="" type="checkbox"/> One	Description	Total Cost	Less any Matching Funds	Grant Amount Requested
1 Car fire training prop	<input checked="" type="checkbox"/> Goods <input type="checkbox"/> Services	Bullex car fire training prop with smoke and wireless control options	(a) \$ 57,475.00	(b) \$ 7,475.00	(a-b) \$ 50,000.00
2	<input type="checkbox"/> Goods <input type="checkbox"/> Services		(a) \$ -	(b) \$ -	(a-b) \$ -
3	<input type="checkbox"/> Goods <input type="checkbox"/> Services		(a) \$ -	(b) \$ -	(a-b) \$ -
4	<input type="checkbox"/> Goods <input type="checkbox"/> Services		(a) \$ -	(b) \$ -	(a-b) \$ -
5	<input type="checkbox"/> Goods <input type="checkbox"/> Services		(a) \$ -	(b) \$ -	(a-b) \$ -
<input type="checkbox"/> ← Check <input checked="" type="checkbox"/> IF a Continuation D Sheet is used to account for more than one (1) project / program . IMPORTANT , if box above is checked and no continuation sheets are attached, the application will not be further considered.					

E	Enter here the lesser amount of: • Sum of all items (1 thru n) under "Grant Amount Requested" • OR \$50,000 (Grant maximum)	\$ 50,000.00
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F. Matching/Cost Share

1	Which statement best describes the matching funds contributions? <i>check <input checked="" type="checkbox"/> one</i>	<input type="checkbox"/> 50% or More	<input checked="" type="checkbox"/> Less than 50%	<input type="checkbox"/> None
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G. ATL Funding

1	What is the amount of the Applicant's FY-2014 Aid to Localities (ATL) allocation from the Fire Programs Fund? <i>check <input checked="" type="checkbox"/> one and complete as necessary</i>	<input type="checkbox"/> \$10,000 or \$20,000 exactly	<input checked="" type="checkbox"/> Other - Enter amount here	<input type="text" value="\$1,315,427"/>
2	Did the Applicant have cash carry forward from FY-2014 into FY-2015 from previous years' Aid to Localities (ATL) allocations? <i>check <input checked="" type="checkbox"/> one and complete as necessary</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	If "Yes", amount of FY-2014 ATL carry forward: <input type="text" value="\$5,970,446.61"/>

Remarks	Make entries or check <input checked="" type="checkbox"/> None	Important If the sum (1 to n) of individual "Grant Amount. Requested" in E above exceeded \$50,000, an explanation must be entered here as to how the shortfall would otherwise be made up.

EFT (EDI)

Grant awards are paid as an **Electronic Funds Transfer / EDI** to the current *account-of-record* for the jurisdiction's annual allocation of Aid to Localities (ATL) from the Fire Programs Fund.

Certification:

To be completed by either:

- County Administrator –or- Executive, City Manager, Town Mayor –or- Administrator; Deputy, or...
- Other duly authorized official whereby the application is accompanied by a copy of an 'Ordinance' or other such formal instrument clearly granting that party such authority.

This grant application is entered on behalf of the APPLICANT jurisdiction identified above with the knowledge and belief that all representations herein made are true and correct; with the understanding that all grant terms & conditions in-force as of the date of such application are hereby included by reference; with the further understanding that if an award is granted pursuant to this application that the recipient is bound by those same terms & conditions.

	<u>2/20/15</u>
Signature	Date
<u>James K. Spore</u>	<u>City Manager</u>
Printed Name	Title

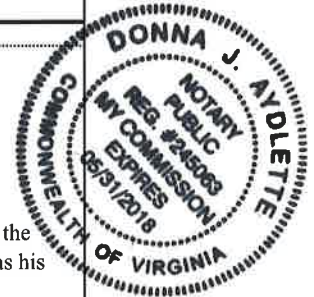
(All applications must be notarized to be considered – incomplete forms shall be returned.)

State of Virginia

City / County of Virginia Beach

On this 20th day of Feb (month) in 2015 (year), before me, the undersigned a Notary Public for the Commonwealth of Virginia, personally appeared _____ to me known (or to me proved) to be the identical person named herein and having in my presence executed the above, and acknowledged that he executed same as his voluntary act and deed.

My Commission expires: 5/31/2018 Donna J. Aydlette
 Date Notary Public {Seal}



Department of Fire Programs

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City of Virginia Beach Activity Schedule

Date	Start	End	Event	Group	Location
2/26/2013 Tue	8:00 AM	5:00 PM	TRFA 143 - Newport News	City of Newport News	Burn Building
4/16/2013 Tue	8:00 AM	5:00 PM	TRFA 143 - Newport News	City of Newport News	Flashover
5/2/2013 Thu	8:00 AM	5:00 PM	Hampton	City of Hampton	Flashover
5/6/2013 Mon	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Flashover
5/13/2013 Mon	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
5/14/2013 Tue	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
5/15/2013 Wed	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
5/16/2013 Thu	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
5/17/2013 Fri	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
6/6/2013 Thu	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
7/25/2013 Thu	7:00 AM	5:00 PM	Norfolk FD Skills Review	City of Norfolk	Burn Building
8/5/2013 Mon	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/6/2013 Tue	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/7/2013 Wed	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/8/2013 Thu	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/9/2013 Fri	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/12/2013 Mon	7:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/13/2013 Tue	7:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
8/23/2013 Fri	7:00 AM	5:00 PM	City of Chesapeake	City of Chesapeake	Burn Building
8/26/2013 Mon	7:00 AM	5:00 PM	City of Chesapeake	City of Chesapeake	Burn Building
8/27/2013 Tue	7:00 AM	5:00 PM	City of Chesapeake	City of Chesapeake	Burn Building
8/28/2013 Wed	7:00 AM	6:00 PM	Norfolk Fire Department	Fire Training	Rope Tower
9/21/2013 Sat	7:15 AM	6:00 PM	Norfolk HazMat	City of Norfolk	Old Burn Bldg.
9/23/2013 Mon	7:15 AM	6:00 PM	Norfolk Hazmat	City of Norfolk	Old Burn Bldg.
9/25/2013 Wed	7:30 AM	6:00 PM	Norfolk HazMat	City of Norfolk	Old Burn Bldg.
	8:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
9/26/2013 Thu	7:30 AM	5:00 PM	Norfolk HazMat	City of Norfolk	Old Burn Bldg.
	8:00 AM	5:00 PM	Chesterfield County Fire Dept.	Chesterfield County Fire	Canine USAR - A
9/27/2013 Fri	7:00 AM	5:00 PM	Norfolk Tech AHJ Hazmat	City of Norfolk	Burn Building
	8:00 AM	5:00 PM	Chesterfield County Fire Dept.	Chesterfield County Fire	Canine USAR - A
9/28/2013 Sat	7:15 AM	6:00 PM	Norfolk HazMat	City of Norfolk	Burn Building
11/12/2013 Tue	8:00 AM	5:00 PM	TRFA 143 - Newport News	City of Newport News	Flashover
12/2/2013 Mon	8:00 AM	5:00 PM	PFD Tic Eval Burn	Fire Training	Burn Building
1/22/2014 Wed	8:00 AM	5:00 PM	City of Norfolk	City of Norfolk	Burn Building
2/23/2014 Sun	8:00 AM	5:00 PM	Smithfield FD	Isle of Wight	Burn Building, Old Burn Bldg.
3/12/2014 Wed	8:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
4/14/2014 Mon	8:00 AM	5:00 PM	PFD TRFA	Fire Training	Burn Building
4/15/2014 Tue	8:00 AM	5:00 PM	PFD TRFA	Fire Training	Burn Building
4/16/2014 Wed	8:00 AM	5:00 PM	PFD TRFA	Fire Training	Burn Building
4/30/2014 Wed	8:00 AM	5:00 PM	Hampton TRFA	City of Hampton	Flashover
5/5/2014 Mon	8:00 AM	6:00 PM	Newport News	City of Newport News	Flashover
5/16/2014 Fri	7:00 AM	5:00 PM	DFP - Trench 2	Department of Fire Programs	Old Burn Bldg.
5/17/2014 Sat	7:00 AM	5:00 PM	DFP - Trench 2	Department of Fire Programs	Burn Building
	7:00 AM	5:00 PM	DFP - Trench 2	Department of Fire Programs	Old Burn Bldg.
5/18/2014 Sun	7:00 AM	5:00 PM	DFP - Trench 2	Department of Fire Programs	Burn Building
	7:00 AM	5:00 PM	DFP - Trench 2	Department of Fire Programs	Old Burn Bldg.
9/14/2014 Sun	7:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
	7:00 AM	6:00 PM	Newport News	City of Newport News	Pad Area
	7:00 AM	6:00 PM	Newport News	City of Newport News	Open Field
	7:00 AM	6:00 PM	Newport News	City of Newport News	Old Burn Bldg.

Department of Fire Programs
 FEB 27 2015
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Date	Start	End	Event	Group	Location
9/27/2014 Sat	8:00 AM	5:00 PM	Guy Lawson School	City of Norfolk	Burn Building
	8:00 AM	5:00 PM	Guy Lawson School	City of Norfolk	Old Burn Bldg.
9/28/2014 Sun	8:00 AM	5:00 PM	Guy Lawson School	City of Norfolk	Burn Building
	8:00 AM	5:00 PM	Guy Lawson School	City of Norfolk	Old Burn Bldg.
9/30/2014 Tue	8:00 AM	5:00 PM	NNFD Recruit Training	City of Newport News	Burn Building
10/1/2014 Wed	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/2/2014 Thu	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/3/2014 Fri	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/6/2014 Mon	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/7/2014 Tue	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/8/2014 Wed	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/9/2014 Thu	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
10/10/2014 Fri	7:00 AM	6:00 PM	Norfolk Fire Training Burn	City of Norfolk	Burn Building
11/6/2014 Thu	8:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
11/7/2014 Fri	8:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
11/12/2014 Wed	8:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
11/13/2014 Thu	8:00 AM	6:00 PM	Newport News	City of Newport News	Burn Building
11/24/2014 Mon	8:00 AM	5:00 PM	NNFD Recruit Training	City of Newport News	Flashover
12/11/2014 Thu	8:00 AM	5:00 PM	Hampton FD TRFA 151	City of Hampton	Flashover
12/12/2014 Fri	9:00 AM	3:00 PM	NNFD TRFA Flashover	City of Newport News	Flashover
12/16/2014 Tue	8:00 AM	5:00 PM	Hampton FD TRFA 151	City of Hampton	Burn Building
12/17/2014 Wed	8:00 AM	5:00 PM	Hampton FD TRFA 151	City of Hampton	Burn Building

Department of Fire Programs
FEB 27 2015
Administration

City of Virginia Beach FD

LARGE PROP FIRE TRAINING

Budgetary Proposal

2.3.2015



Quote Number: 69878

Date: 2.3.15

Sales Person: Kathy Plant

Valid Until: 3.3.15

Terms: Net 30; See General Terms and Conditions

Contact: Jack Crandall

927 South Birdneck Rd
Virginia Beach, VA 23451

Phone: 757-385-2871



BullEx[®]

Background – 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 propane 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. All of our full-intensity training equipment is operated using the universal Pilot Module, meaning that you can easily customize and add to your selection of training props without excessive costs. 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. Our fire training systems have become the industry standard and have been used by thousands of organizations to train millions of people.

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

- 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

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.

BullEx is proud to provide the following offer. The specifications and the corresponding BullEx offer are summarized below.

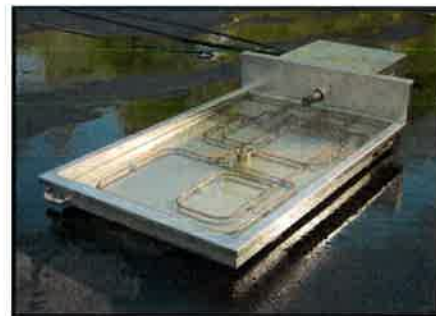
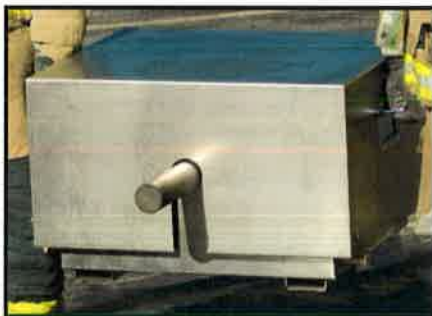
Item #1: BullEx Hoseline Training System (Propane) \$16,495

Item #1A: BullEx Hoseline Training System (Natural Gas) \$19,795

The BullEx Hoseline Training System includes the following features:

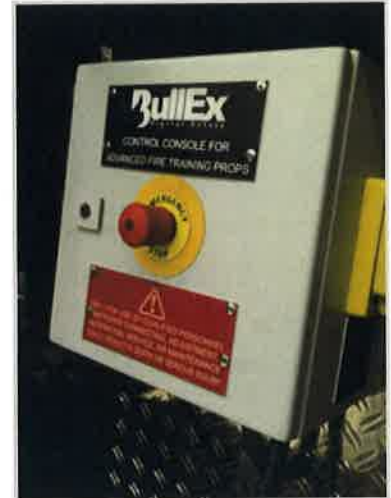
Fire Tray and Pilot Control Box

- Liquid propane fueled, industrial grade fire fighter training unit
- Stainless steel 4' x 6' fire tray
- CSA Listed and Approved 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
- 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 up to 150 lb.



Mobile Control Console

- UL Approved Control Console interfaces between props and upstream propane and power supply. Houses core propane and power components, control components, optional wireless and sound effect components (if selected), and built in E-stop button.
- Wired remote (unless upgraded to wireless) to independently start and stop multiple burn zones, with deadman button
- Includes 50 foot propane hose with quick connect fittings. Hose and fittings constructed to withstand environment elements and heat from normal operation
- Includes power cable to connect to customers power supply



Control System Selection Add-on

Option will allow operation of one prop at a time.

Wireless Control Option

Rugged, industrial grade hand-held wireless remote control. Controls fire simulation systems including four fire zones and add-on fires, and optional features such as smoke effects, and sound effects. A safety stop button for rapid shutdown is included.

\$5,195



Item #2: BulEx Vehicle Fire Training Prop **\$23,995**

Note: Requires purchase of item #1 above.

The BulEx Car Fire Prop requires purchase of item #1 above and includes:

- Live fire training prop used in conjunction with Hose Line Fire Training System
- Integrated front tire fire simulator, with multiple burn zones from Hose Line Fire Training System
- Hinged hood, trunk, and passenger doors
- Driver and passenger seat backs, steering wheel, hood prop bar
- 1/4" and 1/8" all steel construction with protective heat resistant paint
- 1/3" C Channel galvanized steel frame
- Industrial gauge integrated steel casters for moving car prop
- Car Prop dimensions: 12'6" x 5' 6"w x 4'6"h

**Options for Vehicle Training Prop:****Pry-able Hood Option**

Conduct forcible hood entry drills with the Pry-able and Rollable Hood Option. Special design with sacrificial hood plates of varying difficulty allows for challenging yet repeatable hood-rolling drills without damaging the prop. All steel construction.

\$2,495**Smashable Headlights Option**

Conduct engine compartment extinguishing drills with the Smashable Headlights Option. Specially designed headlight holes in the grill allow for drills of varying difficulty with different types of metal headlight plates. All steel construction.

\$1,995

Integrated Vehicle Smoke Option**\$5,995**

- Industrial grade smoke generator allows you to add realistic smoke effects during your training session
- 4,000 cubic ft/minute to zero visibility smoke output
- Integrated design produces smoke around the vehicle. Smoke generator is built into the vehicle training prop, with protective heat shielding for optimal long term performance.
- Start and stop the smoke generator using a wireless remote control
- Dual heaters
- 110V 15amp
- Smoke generator can be removed for training in additional locations
- Includes 20L container of Bullex smoke liquid
- Smart controls include:
 - Adjustable smoke output and density settings
 - Continuous run and adjustable intermittent run features
 - Digital smoke liquid reservoir display (shows amount of smoke liquid remaining)
 - Includes 20L container of Bullex smoke liquid



Item #3: Bullex Pressure Vessel Fire Training Prop**\$12,500**

Note: Requires purchase of item #1 above.

The Bullex Pressure Vessel Prop is a heavy-duty training tool with intense flames, real heat and smart controls. Working in conjunction with the Hoseline Training System, the Pressure Vessel Prop can be used to create multiple scenarios that challenge firefighters to use the correct strategies when responding to these hazardous situations. The built-in burner system below the tank can be used to train firefighters to reduce the chance of a boiling liquid expanding vapor explosion (BLEVE). With a functioning vapor service valve, firefighters can practice approaching the tank while shielded by hose lines to secure the fuel and extinguish the fire.

The Bullex Pressure Vessel prop requires purchase of item #1 above and includes the following:

- Working Central integrated blow-off/hand valve fire simulator
- Integrated fire tray below tank with three fire zones and varying intensity levels
- Working hinged dome with lock cutting prop
- "Cracked tank" hazard spill feature
- Magnetic hazard labels/UN numbers package – includes 23 hazard placards, UN number kit, and case
- Positioning tray for removable pilot control box
- Industrial gauge integrated steel casters for moving prop
- 250-gallon standard size
- 11 gauge and 12 gauge all steel construction with protective heat resistant paint
- Dimensions: 7'3"l x 3'9"h x 23"w



Item #4: Bullex Dumpster Fire Prop**Price: \$13,995**

Note: Requires purchase of item #1 above.

The Bullex Dumpster Fire Prop is a liquid propane fueled, live fire training prop used in conjunction with Bullex pilot module (sold with the Hoseline Training System and Vehicle Fire Prop). The Dumpster Prop includes an integrated fire burner below the rim of the dumpster for realistic incipient fire simulation, along with multiple flare up burn zones from the integrated burn tray built into the unit.



The Dumpster Prop includes:

- 6'6"l x 2'4"w x 4'h dumpster prop
- Hinged lid
- All steel construction with black protective heat resistant paint
- 1/8" all steel construction
- Industrial gauge integrated steel casters for moving prop

Item #5: Propane Cylinder Fire Training Prop**Price: \$2,995**

Note: requires purchase of item #1 above

The Propane Cylinder Fire Training Prop simulates a large-scale propane cylinder fire. Utilizing two (2) mock propane tanks and working in conjunction with the multiple burn-zones on the Hoseline training system, this prop can create propane fire scenarios from leaks under the tanks to fully involved fires with extension to valves on top of the tanks. Creates a realistic Hazardous Material training scenario. All steel construction.



Installation, Set-up and Training**\$ TBD**

Price will depend on number of props purchased.

Installation and calibration. Includes:

- Delivery to site; set-up and test operation of all props
- 4 hour train the trainer session for up to 10 people
- User manual
- Toll-Free Technical Support
- Site work not included. It is the responsibility of the customer to provide propane and electricity to the console.

Contact

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.

Kathy Plant
Regional Sales Manager

20 Corporate Circle
Albany, NY 12203

Tel: 518.689.2023

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City of Virginia Beach

VBgov.com

DEPARTMENT OF FIRE
(757)-385-8882
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TTY: 711

FIRE ADMINISTRATION
TOWN CENTER
4817 COLUMBUS STREET
VIRGINIA BEACH, VA 23462

March 9, 2015

Virginia Department of Fire Programs
Fire Services Board
1005 Technology Park Drive
Glenn Allen, VA 23059

Dear Board Members,

As requested in the Regional Fire Services Grant Policy, I am providing the Firefighter 1 & 2 training plan that we currently employ. The Virginia Beach Fire Department in partnership with the Tidewater Regional Fire Academy provides basic recruit training once per year. Our academy is approximately 8-9 months in length and includes certifications in Firefighter 1 & 2, Mayday Awareness and Operations, Haz-Mat Operations, Water Rescue, Intro to Technical Rescue, Emergency Vehicle Operations, as well as Emergency Medical Technician-Advanced. Our academy exceeds the NFPA and VDFP hourly requirement in every aspect of our training schedule, and includes more than 1200 hours of didactic and practical training. SCBA, Ladders, and Fire Streams/Hose are each taught in a 5-6 day modular format as we have found these subjects to be the most fundamental subjects for the new firefighter to master. NFPA 1001 and the IFSTA curriculum are the basis for instruction to ensure that all Job Performance Requirements are met by each recruit. We have very rigorous requirements that ensures that each recruit is prepared to perform this job at a very high level. I am including a copy of our academy schedule that is currently in session so that you can see what the schedule consists of. The current list of subjects that we cover is as follows.

- EMT-Basic
- Emergency Vehicle Operations
- Safety
- Personal Protective Equipment
- Self-Contained Breathing Apparatus
- Rope (Basic and Rope Rescue)
- Search and Rescue
- Ladders
- Forcible Entry
- Fire Extinguishers

- Loss Control (Salvage and Overhaul)
- Hose, Nozzles, and Appliances
- Fire Streams/Water Supply
- Mayday
- Live Burn Operations including Wildland Fires
- Alarm/Sprinkler systems
- Intro to Technical Rescue (Confined Space, Vehicle, Trench rescue)
- High Rise Firefighting
- Flashover Training
- NIMS ICS (100, 200, 700, & 800)
- Crew Resource Management
- 24 Hour Shift Day (Introduces recruits to fire station life)
- EMT-Advanced (This is not included on the calendar, but begins in mid-July and concludes near the end of September)

The Virginia Beach Fire Department Training Division prides itself in conducting safe and efficient live burn fire training. In accordance with NFPA 1403 and VDFP requirements, we conduct pre-and post-burn briefings with instructors and students. A check of the weather is conducted prior to each burn and the results documented at the command post. This ensures that excess recruit fatigue is avoided during adverse weather conditions. The building is checked for abnormalities and deficiencies prior to and after each burn day to ensure the safety of all participants. An NFPA 1403 compliance officer and an incident commander are assigned to each live burn. Fire starters and safeties are assigned to each floor during live fire training and remain in the building until all students have exited. One instructor is always assigned to each group of recruit firefighters to provide safety and instruction.

The Virginia Beach Fire Department conducts an annual engineering inspection of our facility in addition to the five year inspection conducted by The Structures Group/VDFP. We are currently preparing for a renovation that will include masonry repairs and a complete replacement of the temperature monitoring system to remain in compliance with VDFP guidelines.

The addition of the requested gas fired vehicle fire training prop will enhance the ability of the South Hampton Roads regional departments to provide training to our members. We are currently purchasing and burning cars from local vendors which has proven to be problematic. The cars have become cost prohibitive and burning real cars creates unnecessary emission releases into the environment. The addition of the prop will create a realistic car fire environment that can be used repeatedly without the cost constraints and emission concerns. The prop, while located at the Virginia Beach Fire Training Center, will be available for all of our regional partners to use and train with. It will give us an opportunity to train regularly on a type of incident that occurs very often. We sincerely appreciate the opportunity to apply for this grant to greatly enhance our fire training capabilities.

Respectfully,



J.H. Crandell II
Battalion Chief
Virginia Beach Fire Department
(757)385-2871
jhcrande@vbgov.com

February 2015

February 2015							March 2015						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28
							29	30	31				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Feb 1	2	3	4	5	6	7
8	9	10	11	12	13	14
	TRFA 152 Orientation	TRFA 152 Orientation	TRFA 152 Orientation (FTC) - Ray D. Irizarry	TRFA 152 Orientation a	EMT - Huey, Pitman, ?	9:00am 11:00am TRFA Family Information Session
15	16	17	18	19	20	21
	EMT - Huey	EMT - Elmore, ?	EMT - Elmore	EMT - Elmore	EMT - Gamboni, Hall	
22	23	24	25	26	27	28
	EMT - Scott	EMT - Elmore Pitman	EMT - Elmore	EMT - Elmore	EMT - Skills	

Feb 22 - 28

Feb 15 - 21

Feb 8 - 14

Feb 1 - 7

March 2015

March 2015							April 2015						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	5	6	7	8	9	10	11
8	9	10	11	12	13	14	12	13	14	15	16	17	18
15	16	17	18	19	20	21	19	20	21	22	23	24	25
22	23	24	25	26	27	28	26	27	28	29	30		
29	30	31					27	28	29	30			

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Mar 1	2	3	4	5	6	7
	EMT - Scott	EMT - Scott, Elmore	EMT 3:00pm 3:30pm Dr Saadeh	EMT - Elmore	EMT - Skills	
8	9	10	11	12	13	14
	EMT - Elmore	EMT	EMT - Elmore	EMT - Elmore	EMT - Skills	
15	16	17	18	19	20	21
	EMT - Newsome	EMT - Newsome	EMT - Elmore	EMT - Elmore, Pittman	EMT - Skills	
22	23	24	25	26	27	28
	EMT - Gamboni	EMT - Skills	EMT	EMT - Skills	EMT - Wazlak	
29	30	31	Apr 1	2	3	4
	EMT - Hall	EMT - Wazlak, Newsom 7:30am 8:00am pipeline colors (hilton)				

April 2015

April 2015							May 2015						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4	5	6	7	8	9	10	11
5	6	7	8	9	10	11	12	13	14	15	16	17	18
12	13	14	15	16	17	18	19	20	21	22	23	24	25
19	20	21	22	23	24	25	26	27	28	29	30	31	

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Mar 29	30	31	Apr 1	2	3	4
			EMT - Skills	EMT - Skills	EMT	152 EMT Ride Time
5	6	7	8	9	10	11
152 EMT Ride Time	152 EMT Ride Time	152 EMT Ride Time	152 EMT Ride Time	152 EMT Ride Time	152 EMT Ride Time	152 EMT Ride Time
12	13	14	15	16	17	18
NO EMT Ride Time	EMT - STATE TEST	ICS	ICS	EVOC lecture (FTC)	EVOC practicals (creed)	6:00pm 6:30pm Colors (Harbor Park)
19	20	21	22	23	24	25
	EVOC PRACTICALS	TRFA 146 Probationary	FDIC EMT	Safety/PPE	SCBA Lecture	
26	27	28	29	30	May 1	2
			SCBA Week			

May 2015

May 2015							June 2015						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
3	4	5	6	7	1	2	7	1	2	3	4	5	6
10	11	12	13	14	8	9	8	8	9	10	11	12	13
17	18	19	20	21	15	16	14	15	16	17	18	19	20
24	25	26	27	28	22	23	21	22	23	24	25	26	27
31					29	30	28	29	30				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Apr 26	27	28	29	30	May 1	2
					SCBA Week Building Construction Fire Behavior Lecture Respiratory/SCBA Test SCBA Rehab	
3	4	5	6	7	8	9
	EOC/Communications IFSTA Rope Quiz 1	Ladders Lecture SAR Lecture VEIS Lecture	Ladder Practicals	Ladders Ladder Practical Ventilation Lecture	Aerial Climb Ladder O Course Quiz 2	
10	11	12	13	14	15	16
	Forcible Entry Lecture Forcible Entry Practical	Extinguisher Lecture Extinguisher Practical	Loss Control Lecture Loss Control Practical Quiz 3	Hose Lecture Hose Practical Water Supply Lecture	Firestreams Lecture Test 1 Wild Hose Practical	
17	18	19	20	21	22	23
	Fire Control		Firestreams Week		Camp Fire Duelling 2 1/2"s Quiz 4	
24	25	26	27	28	29	30
		Mayday		Acquired Structure VBFD History (FTC)	Skills Burn #1 Test 2	
31	Jun 1	2	3	4	5	6

5/31 - 6/5

5/24 - 29

5/17 - 22

5/10 - 15

5/3 - 8

4/26 - 5/1

June 2015

June 2015							July 2015						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7	8	9	10	11	12	13	14
8	9	10	11	12	13	14	15	16	17	18	19	20	21
15	16	17	18	19	20	21	22	23	24	25	26	27	28
22	23	24	25	26	27	28	29	30	31				

May 31	Jun 1	2	3	4	5	6
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Alarm System Lecture Arson FMO Overview Sprinkler System Lectu	ITR Lecture	ITR ITR Practicals		High-Rise Lecture Quiz 5 Skills Burn #2 Sprinkler Drill	
	High-Rise Practical	EOC and VBFD IT	Acquired Structure		Skills Burn #3 Test 3	
			Hazmat Ops			
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
	Vehicle ITR		Water Rescue		Doll House/ATM Extreme Fire Behavior Flashover	
28	29	30	Jul 1	2	3	4
	ICS					
Jun 28 - Jul 4	Jun 21 - 27	Jun 14 - 20	Jun 7 - 13	May 31 - Jun 6		

July 2015

July 2015							August 2015						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jun 28	29	30	Jul 1	2	3	4
5	6	7	8	9	10	11
	Final Test State Test Review	FF1 & FF2 State Test	Recruits Off	Quiz 5 Shift Day - Ray D. Irtiza	Recruits Off	
				CRM Station Life - KAS 11:30am 1:00pm Retirees Luncheon	Recruit Ride Time	
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	Aug 1