

DEPARTMENTAL INPUT
CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

☒ New ☐ OTR ☐ Sole Source ☐ Bid Waiver ☐ Emergency Previous Contract/Project No.

Contract

L9537-0/18

☐ Re-Bid ☐ Other:

LIVING WAGE APPLIES: ☐ YES ☒ NO

Requisition No./Project No.:

RQUID1900002

TERM OF
CONTRACT

5

YEAR(S) WITH

0

YEAR(S)
OTR

Requisition /Project Title:

Fire Suppression Training System

Description:

The purpose of this solicitation is to establish a Bid Waiver for Fire Suppression Training Equipment from Lion Protect for MDR/OEM. The equipment will be used for drills, exercises and valuable training for lay persons, in various community based programs such as Community Emergency Response Teams , and public safety initiatives.

Issuing Department:

ISD
PROCUREMENT

Contact
Person:

Brandon Nealey

Phone:

305-375-4884

Estimate Cost:

5,000,000.00

GENERAL FEDERAL OTHER

X

X

Funding Source:

ANALYSIS

Commodity Codes:

345

Contract/Project History of previous purchases three (3) years
Check here ☐ if this is a new contract/purchase with no previous history.

EXISTING

2ND YEAR

3RD YEAR

Contractor

Bid Waiver

Small Business Enterprise:

Contract Value:

Comments:

Continued on another page (s): ☐ Yes ☒ No

RECOMMENDATIONS

SBE

Set-aside

Sub-contractor goal

Bid preference

Selection factor

Basis of
recommendation:

Date sent to SBD: 10/12/2018

Signed:

Brandon Nealey

Date returned to DPM:

Revised April 2005



INTERNAL SERVICES DEPARTMENT
PROCUREMENT MANAGEMENT SERVICES

Justification/Input Document for Non-Competitive Acquisition

It is the policy of Miami-Dade County to consistently purchase goods and services using full and open competition. The citizens of Miami-Dade County are best served when we make sound business decisions based on competitive bids or proposals. Early acquisition planning that includes consultation with Internal Service Department's procurement staff can help avoid delays and facilitates effective market research. However, there may be instances when other than full and open competition may be justified. When a user department(s) determines that other than full and open competition is necessary or in the best interest of the County, appropriate justification for that course of action must be submitted to ISD for approval and execution in order to waive the competitive bid/proposal process.

Please provide the information requested below to support the need and feasibility for waiving the competitive bid/proposal process:

Department:	Miami-Dade Fire Rescue Department/Office of Emergency Management		
Contact Person:	Charles Cyrille / Pamela Broaster-Doyle	Phone Number:	(305) 468-5413
Requisition No.:		Estimated Value:	\$120,000
Proposed Vendor:	BullEx, Inc.		
Previous Contract Number:	L9537-0/18	Previous Contract Value:	\$120,000

Purpose of the Purchase

Please describe your minimum requirements and the benefits of making the acquisition.

The Miami-Dade Fire Rescue/Office of Emergency Management (MDFR/OEM) is requesting a renewal of this contract to purchase additional portable fire suppression training systems and accessories. These items will be used for drills, exercises and valuable training primarily to lay persons (non-fire professionals), in various community-based programs such as Community Emergency Response Teams (CERT), and public safety initiatives. These programs educate Miami-Dade County citizens about disaster preparedness, and mitigating emergency and disaster situations through a cooperative, positive and realistic approach. Through these educational programs, citizens are empowered to put out Class A, B, & C small fires; provide basic medical aid; search for, and rescue, victims safely; and organize themselves as spontaneous volunteers to be effective in case of a natural disaster, terrorist attack or any other major emergency. The items will be purchased primarily with federal and state grant funds and therefore MDFR/OEM requests exemption from UAP and IG fees. The remaining \$30,000.00 of the allocation will be used to obtain equipment which will be purchased with general fund.

Best Interest of the County / Uniqueness of Product

Please provide a detailed description as to why a waiver of formal bidding is in the County's best interest (e.g., product standardization, compatibility, proprietary access or distributorship, how vendor is uniquely qualified to provide the needed product or service, etc.). Please note that a lack of advance planning is not an acceptable justification for a non-competitive acquisition.



**INTERNAL SERVICES DEPARTMENT
PROCUREMENT MANAGEMENT SERVICES**

The BullEx Intelligent Training system (ITS) Xtreme and BullsEye system provide a one of a kind advanced live fire and laser technology to simulate flame ignition and the discharge of dry-chemical or CO₂ extinguishers for a clean, safe environmentally friendly and cost-effective training. The BullEx I.T.S. Xtreme simulator system is unique in that it comprehensively and safely produces live flame for Class A, B, and C fires for a lay person (non-fire professional) to be trained on fire suppression with telemetry feedback features and active fire behavior control by the instructor during the student demonstration. This system also has the ability to add props such as pots and pans, trash cans and other household items to provide a more realistic training experience for the student. The BullEx BullsEye training system is unique in that it also uses laser-driven technology (creating a digital, non-live flame) to provide the same simulation and instructor control for Classes A, B and C fires, similar to the BullEx I.T.S. Xtreme, with the addition of the digital extinguisher allowing for unlimited use. The system can be used with the standard air/water Smart Extinguisher and allows flexibility to conduct training indoors and at any time.

The BullsEye system senses where users aim and sweep a laser training extinguisher and automatically varies the LED driven digital flames in response. With its I.T.S. Xtreme feature, the system is flexible to emit live flame to provide learners a comprehensive training experience on fire suppression. Unlike other fire training systems, the BullsEye system produce both live and simulated fires and allows training to take place both indoors and outdoors. Additionally, the BullEx system reinforces the CERT curriculum by providing simulated examples of small fires within the scope of CERT training. The fire suppression training systems are primarily geared towards citizens and volunteers (not professional firefighters) will give MDR/OEM the opportunity to provide quality training and outreach to the community.

Market Research


Please describe your market research and the results thereof. This should include a description of other, similar sources or products available in the market if any and why they are not acceptable.

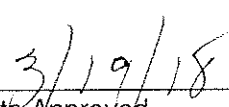
MDFR/OEM has conducted research on the Internet via Google, Yahoo and Bing search engines and was unable to find a vendor with a product comparable to the Intelligent Training Xtreme system and BullEx BullsEye system.

Proposed Actions

Please describe the actions the department will take to overcome the present barriers to competition prior to any future acquisitions of this product or service.

MDFR/OEM will continue to conduct market research and will evaluate new products as they are developed to promote the competitive process whenever possible.


Department Director's Approval


Date Approved

NOTICE OF EXPIRING CONTRACT

Miami-Dade County, Internal Services Department - Procurement Management Services Division

DATE: July 25, 2017

FROM: Sasha Socarras, PCO 1 <u>Sasha.socarras@miamidade.gov</u>	Contract No: L9537-0/18	Contract Title: Fire Suppression Training Systems	Remaining Options to Renew: None	Expiration Date: October 31, 2018
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The following information is to be provided by the User Department and signed by the individual designated by that department as the Project Manager responsible for monitoring vendor performance and department requirements for the specific good or service to be procured. Return this completed form via email, with any required documents, to the above-identified Officer at PM no later than February 1, 2017. Please complete the unshaded area below and Item 1 or 2 as appropriate. The replacement contract will be established for an initial five-year term with one, five-year option to renew.

FUNDING AND ALLOCATION REVIEW

Department	Current Allocation	Releases	Requested Allocation for Five Years	Funding Source(s)
Fire Rescue	\$ 120,000.00	\$ 28,997.00	5	Federal and State Grant Funds and General Fund

Justification for allocation: Federal and State grant Funds totaling \$90,000 and General Fund totaling \$30,000.

Please submit a Contract Modification to support any request for an allocation increase.

1. **OPTION TO RENEW:**

Renew? ☐ Yes ☐ No Reason: _____

2. **EXPIRING CONTRACT:**

Re-bid? ☐ Yes ☐ No Reason: This contract is needed to purchase portable fire suppression training systems and accessories which provides a clean, safe, environmentally friendly and cost effective training. The systems will be used for drills, trainings, and exercises. In addition, the project will be primarily funded with federal and state grant funds (\$90,000 of the total \$120,000) and therefore MDFR/OEM request exemption from UAP and IG fees for the federal grant portion of the allocation. The remaining \$30,000 will be funded with general fund. A total of \$120,000 is being requested for a five-year contract period.

APPROVAL (required):

Marianela Belancourt
Name of Department Director

[Signature]
Signature

8/3/17
Date



October 9, 2017

Bullex is the sole source manufacturer and distributor of the Hose Line Training System. Bullex uses patented technology and control systems to create interactive and realistic fire and emergency response simulations. The Bullex Hose Line Training System and its Props cannot be purchased through any other authorized vendor.

The Hose Line Training System uses an innovative pilot control module that can control four separate burn zones, along with two auxiliary outputs for optional smoke and sound effect simulations. This pilot control module is portable and can be used to control a variety of Bullex props, making it a cost effective solution as new training items are added. Add-on props include the Bullex Aircraft Fire Training System, Bullex Dumpster Fire Training Prop, Bullex Split Pipe Flange Fire Training Prop, Bullex Trash Can Fire Training Prop, Bullex Vehicle Fire Training Prop, Bullex Stove Fire Training Prop, Bullex Pressure Vessel Fire Training Prop, Bullex Electric Motor Fire Training Prop, Bullex Christmas Tree Fire Training Prop, Bullex Paint Locker Fire Training Prop, Bullex Propane Cylinder Fire Training Prop and the Barbecue Grill Fire Training Prop.

Bullex is a U.S. owned business. Its products and technologies have been internationally recognized and the company is proud to have delivered over 5,000 units to customers in more than 40 countries.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

BulEx is the sole source provider for the ATTACK™, a digital fire training system that allows firefighters to train in areas where live-fire training is not possible or desired. The ATTACK cannot be purchased through any other vendor and there are no other similar products available on the market.

BulEx products represent the latest advancements in fire training technology and are the only firefighter training systems using self-generating digital flames that can interact with a hose line. ATTACK's realistic, self-generating digital flames respond directly to the trainee's actions. The ATTACK system includes a waterproof panel with built-in thermal sensors and built in sound to create a realistic training atmosphere. The ATTACK system is designed to communicate wirelessly with the BulEx SG4000 so that smoke is generated automatically to match the size of the fire and time since ignition.

The thermal sensors detect where water from a hose line is being placed on the panel and vary the flames in response. Multiple panels can be connected and communicate seamlessly. Instructors can program where the seat of the fire is located, as well as the difficulty and class of fire.

The ATTACK uses patented technology for its digital flames, its ability to sense the trainee's actions, and interact with a hose line. The United States patent number is 7,748,983 with other patents pending.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

Bullex is the sole source provider for the BullsEye™, which is used to provide cost-effective, realistic and repeatable hands-on fire extinguisher training. The BullsEye cannot be purchased through any other vendor and there are no other similar products available on the market.

The BullsEye represents the latest advancement in fire training technology and is the only hands-on fire extinguisher training systems using self-generating digital flames. BullsEye's realistic, self-generating digital flames respond directly to the trainee's actions. Using Bullex's proprietary laser-based training extinguishers, users interact dynamically with BullsEye's digital fire. If trainees fail to use the proper technique, the flames respond accordingly. Flames can diminish, grow gradually or even reignite. There is no pre-recorded fire sequence. Instead, every digital fire is unique and dynamic.

The sensors in the BullsEye extinguisher training system determine where a user is aiming and sweeping the laser-based training extinguisher and the on-board control system determines how to vary the flames in response. The sensors also determine how far the trainee is from the fire and what class of extinguisher the training is using. The fire will not respond if the trainee is not within optimal distance or is using the wrong class of extinguisher. If the user utilizes the correct technique, aiming and sweeping at the base of the fire, the flames will be extinguished. The BullsEye also measures a trainee on his or her performance, and offers a time-to-extinguish score for each trainee.

The BullsEye uses patented technology for its realistic digital flames and its ability to sense the trainee's actions. The United States patent number is 7,748,983. The BullsEye has also been awarded a General Services Administration (GSA) contract by the US government which has approved sole source acquisition.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

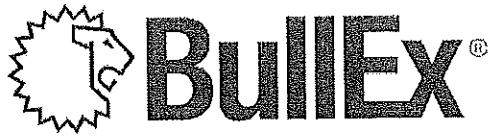
Bullex is the sole source provider for the Digital Nozzle and Weighted Hose line, which is designed to work with the ATTACK™, a digital fire training system that allows firefighters to train in areas where live-fire training is not possible or desired. The Digital Nozzle and Weighted Hose Line cannot be purchased through any other vendor and there are no other similar products available on the market.

Bullex products represent the latest advancements in fire training technology and are the only firefighter training systems using self-generating digital flames that can interact with a hose line. The digital nozzle is constructed using an actual fire nozzle. The ATTACK panel senses where the nozzle is being aimed and varies the digital flames in response. The correct technique must be used to fully extinguish the flames. The weighted hose line is configured to simulate the real weight and rigidity of a charged hose line.

The ATTACK and Digital Nozzle use patented technology for its digital flames, its ability to sense the trainee's actions, and interact with a hose line. The United States patent number is 7,748,983 with other patents pending.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

BulEx is the sole source manufacturer and service provider of the BulEx Fire Safety Trailer, which is a first-of-its-kind mobile, digital training system. The BulEx Fire Safety Trailer cannot be purchased or serviced through any other vendor and there are no other similar products available on the market.

The BulEx Fire Safety Trailer represents the latest advancement in fire training technology and is the only training system using self-generating digital flames combined with actual heat, sound, smoke and smart props. The BulEx Fire Safety Trailer's realistic, self-generating digital flames and smart props respond directly to the trainee's actions. Using BulEx's proprietary BullsEye™ extinguishers, users interact dynamically with the digital fire. If trainees fail to use the proper technique, the flames respond accordingly. Flames can diminish, grow gradually or even reignite. There is no pre-recorded emergency sequence. Instead, every emergency is unique and dynamic.

The sensors throughout the Fire Safety Trailer determine what the trainee is doing and the on-board control system determines how to vary the emergency in response. If the user utilizes the correct techniques and protocols in a given scenario, the flames will be extinguished.

BulEx has developed and uses several proprietary and patented technologies within its Fire Safety Trailers to create highly interactive yet safe fire and emergency response simulations. The core technology behind the BulEx Fire Safety Trailers is its digital flames and sensor response system which is protected under **US Patent, file # 11/369,303**. Additional U.S. and International (PCT) patents are also pending.

BulEx is a U.S. owned business and proudly manufactures its Fire Safety Trailer in the U.S.A. The technology has been internationally recognized and received the NREP Training Award for 2006.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

Bullex is the sole source provider for the GasTrainer™, which is used to provide cost-effective, realistic gas meter and confined space training. The GasTrainer cannot be purchased through any other authorized vendor in North America and there are no other similar products available.

The Bullex GasTrainer is designed to give trainees the hands-on experience of using a gas meter without creating an actual hazard. The GasTrainer's proprietary ultrasonic technology enables instructors to create simulated "gas" clouds with electronic beacons called GasSource Emitters. The GasTrainer units interact with these electronic beacons, displaying gas levels that respond automatically to the simulated "gas" cloud, enabling trainees to gain hands-on gas detector experience. Several gasses can be simulated including CO, O₂, LEL and H₂S.

Any number of scenarios can be created with the combination of the three GasSources included in the GasTrainer package. A few possible training scenarios include a faulty heater causing a carbon monoxide environment with a higher concentration at the furnace, a point source-gas leak at a faulty flange, the accumulation of vapors in a low-lying area, a large outdoor plume of explosive gas, or an oxygen deficient confined space.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

Bullex is the sole source provider for the Intelligent Training System™, which is used to provide cost-effective, realistic and repeatable live-fire extinguisher training. The Intelligent Training System cannot be purchased through any other manufacturer and there are no other similar products available.

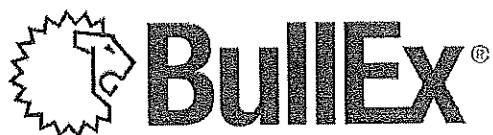
The Intelligent Training System is the only fire extinguisher training system capable of varying live-flames based on where a trainee is aiming and sweeping a fire extinguisher. The system works by sensing where a trainee aims the SmartExtinguisher® (included with the system). The system then varies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

The SmartExtinguisher needs only to be filled and recharged with compressed air and water. The sensors in the Intelligent Training System 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 cost and environmental savings of using the Intelligent Training System versus traditional dry-chemical training is significant. Bullex was recognized by the National Registry of Environmental Professionals (NREP award 2006) for the benefits of its technology in safety training. The Intelligent Training System is unique by offering a time-to-extinguish score for each trainee.

The technology that enables the Intelligent Training System to sense the SmartExtinguisher and vary the flames in response has been awarded a United States patent. The United States Patent Number is 7,175,439. The Intelligent Training System has also been awarded a General Services Administration (GSA) contract by the US government which has approved sole source acquisition.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

Bullex is the sole source provider for the I.T.S. Xtreme™, which is used to provide cost-effective, realistic and repeatable live-fire extinguisher training. The I.T.S. Xtreme cannot be purchased through any other authorized vendor and there are no other similar products available.

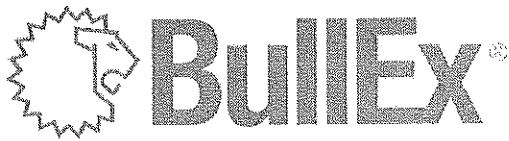
The I.T.S. Xtreme is the only fire extinguisher training system capable of varying live-flames based on where a trainee is aiming and sweeping a fire extinguisher. The system works by sensing where a trainee aims the SmartExtinguisher® (included with the system). The system then varies propane-fed flames 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. Xtreme 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. Xtreme 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. Xtreme to sense the SmartExtinguisher and vary the flames in response is patented. The United States Patent Number is 7,175,439.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

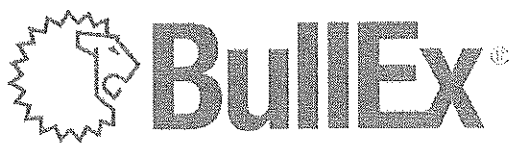
BulEx is the sole source provider for the R.A.C.E. Station, which is used to provide comprehensive, realistic and repeatable hands-on fire emergency training. The R.A.C.E. Station cannot be purchased through any other vendor and there are no other similar products available on the market.

The R.A.C.E. Station represents the latest advancement in fire emergency training technology and is the only system that uses an interactive pull station, strobe light, smoke detector, annunciator, and 9-1-1 phone. The R.A.C.E. Station is also the only product of its kind designed to interact with the BulEx BullsEye Digital Fire Extinguisher Training System. Using the R.A.C.E. Station software, instructors can specify which parts of the R.A.C.E. Station the trainee should use and in which order.

The R.A.C.E. Station recreates the stressful environment of a fire emergency and allows instructors to provide hands-on training on the R.A.C.E. method (Rescue, Alert, Confine, Extinguish) to ensure that all trainees are prepared to make good decisions in the face of an emergency.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

To Whom It May Concern:

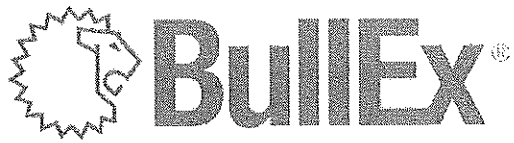
BulEx is the sole source provider for the Smoke Generator 1000™, which is a battery operated smoke generator used to produce continuous high-quality training smoke. The Smoke Generator 1000 cannot be purchased through any other authorized vendor and there are no other similar products available.

The Smoke Generator 1000 is rated to produce smoke at the rate of 1000 cubic ft. /minute to zero visibility. The Smoke Generator 1000 uses a 12V NiMH (Nickel-Metal Hydride) 26 Ah battery. The capacity of this battery allows the SG1000 to produce smoke for 30 minutes or longer when used on continuous mode, and longer when used intermittently.

The SG1000 is equipped with an onboard computer that allows it to communicate wirelessly with other Wi-Fi devices such as smartphones and tablets as well as other Wi-Fi enabled BulEx training tools.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

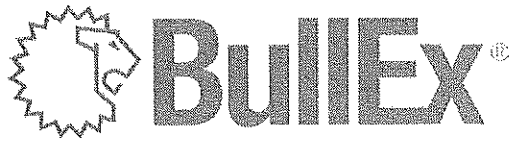
To Whom It May Concern:

BulEx is the sole source provider for the Smoke Generator 4000™ and Smoke Generator 6000™, which are used to produce continuous high-quality training smoke. The Smoke Generator 4000 or Smoke Generator 6000 cannot be purchased through any other authorized vendor and there are no other similar products available.

The Smoke Generator 4000 is rated to produce smoke at the rate of 4000 cubic ft. /minute to zero visibility (objects are not visible at more than 3 feet). The Smoke Generator 6000 is rated to produce smoke at the rate of 6000 cubic ft. /minute. BulEx Smoke Generators utilize proprietary technology to control the delivery of smoke liquid to the heaters to precisely balance heat transfer during vaporization, ensuring a constant temperature and a constant supply of high quality smoke. The BulEx Smoke Generators' constant heater-core temperature minimizes both the unvaporized "wet" smoke particles that result from temperatures that are too low and burnt particles that result from temperatures that are too high. This technology enables the Smoke Generators to continuously produce thick, dense smoke ideal for frequent, continuous use as typical in firefighter training scenarios.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

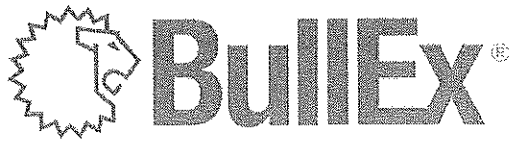
To Whom It May Concern:

BulEx is the sole source provider for the Smoke Liquid which is used in our Smoke Generator 4000™ and Smoke Generator 6000™. The Smoke Liquid used in our Smoke Generator 4000 or Smoke Generator 6000 cannot be purchased through any other authorized vendor and there are no other similar products available.

Using BulEx Smoke Liquid, the Smoke Generator 4000 is rated to produce smoke at the rate of 4000 cubic ft. /minute to zero visibility (objects are not visible at more than 3 feet). The Smoke Generator 6000 is rated to produce smoke at the rate of 6000 cubic ft. /minute. BulEx Smoke Generators utilize proprietary technology to control the delivery of the Smoke Liquid to the heaters to precisely balance heat transfer during vaporization, ensuring a constant temperature and a constant supply of high quality smoke. Due to the formulation of our Smoke Liquid and the Smoke Generators' constant heater-core temperature, we are able to eliminate unvaporized "wet" smoke particles that result from temperatures that are too low and burnt particles that result from temperatures that are too high. This technology enables the Smoke Generators to continuously produce thick, dense smoke ideal for frequent, continuous use as typical in firefighter training scenarios.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

Bullex is the sole source provider of the Thermal Manikin, an advanced rescue manikin designed to train on the use of thermal imaging cameras and various rescue techniques for search and rescue.

The Thermal Manikin has an internal battery that powers heaters located in the manikin. The heaters raise the temperature of the manikin to mimic the thermal signature of a person when viewed through a thermal imaging camera.

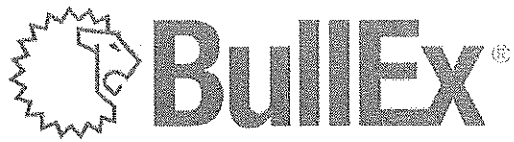
The Thermal Manikin is built with an abrasion resistant material that is tough enough for fire and safety training, but flexible enough to simulate victims. Underneath the shell, internal padding provides a uniform weight distribution and realistic feel.

The Thermal Manikin includes a VoiceBox which plays a recording to simulate a victim. The VoiceBox has a built-in microphone that lets instructors record any message or sound effect. Once activated, the VoiceBox can play continuously or can listen for rescuers and activate only when nearby sound is detected.

If you have any questions or require any additional information, please do not hesitate to contact me.

Sincerely,

Mark Smith
Senior Vice President



October 9, 2017

BulEx is the sole source manufacturer and provider of the Advanced Fire Training System and Vehicle Fire Training Prop. BulEx uses patented technology and control systems to create interactive and realistic fire and emergency response simulations. The BulEx Advanced Fire Training System and Vehicle Fire Training Prop cannot be purchased through any other vendor.

The Advanced Fire Training System uses an innovative pilot control module that can control four separate burn zones, along with two auxiliary outputs for optional smoke and sound effect simulations. This pilot control module is portable and can be used to control a variety of BulEx props, making it a cost effective solution as new training items are added.

The BulEx smoke system is powered by an industrial grade BulEx Smoke Generator with a 4,000 cubic foot/minute output. The proprietary smoke system uses a safe, water-based smoke liquid formulated for extremely high efficiency rates of consumption (less than 2 liters/hour at full output) while also providing a dense and high hang time smoke.

The unique sound system comes with eight pre-programmed emergency sounds. Users can add any additional sound effects through a simple USB interface allowing unlimited training opportunities.

BulEx is a U.S. owned business. Its products and technologies have been internationally recognized and the company is proud to have delivered over 4,000 units to customers in more than 40 countries.

Sincerely,

Mark Smith
Senior Vice President

ATC01SG	Water Resistant Case - SG4000 Wifi	\$1,975.05
DN001BP	Digital Nozzle Base Pacakge	\$3,113.55
DHLN002CP	Digital Hose Line Nozzle Complete Pacakge	\$3,831.30
HL001	Weight Hose Line 50'	\$695.00
WM02A	Attack Quick Release Wall Mount	\$246.51
ATS001WB	Weighted Base with Refillable Bag	\$1,311.75
ATC01DP	Transport Case for Attack Training System	\$950.40
ATC01WB	Transport Case for Attack Weighted Base	\$173.25
SD055G	SmartDummy 55lb	\$1,661.10
SD110G	SmartDummy 110lb	\$1,955.10
ESD005G	Extrication SmartDummy 55lb	\$2,249.10
ESD110G	Extrication SmartDummy 110b	\$2,445.10
ERTE027	Smart Fire Safety Trailer	\$74,200.50

Quantity Discounts:

- a. 3% Discount for orders of 2 or more units
- b. 3% discount for orders of 2 or more props

Delivery: Free Shipping on all orders except:

- a. VFPHT Vehicle Fire Prop with Hoseline
- b. HTS001 Hose Line Training System
- c. ERTE027 Smart Fire Safety Trailer

Item Number	Product	Price
ITS004A	Intelligent Trainig System	\$5,192.73
AC100	Air Compressor with Accessories	\$356.40
PR001	Pressure Regulator with Accessories	\$323.00
NFPA02D	NFPA Fire Extinguisher at Work DVD	\$464.81
IC001	Industrial Grade Transport Case for IT Unit	\$787.28
CC057	Industrial Grade Extinguisher Transport Case	\$220.00
ITS004ACP	Intelligent Trainig System Combined Package	\$6,956.65
SE007XR	Red 7X SmartExtinguisher	\$245.52
SE005XR	Red 5X SmartExtinguisher	\$197.01
ITSX001	ITS Xtreme Base Package	\$6,751.80
ITSXT001	ITS Xtreme Trainers Package	\$10,291.05
TCT100	Trash Can Prop for Xtreme	\$779.10
STP100	Stove Top Prop For Xtreme	\$779.10
PLP100	Paint Locker Prop	\$877.10
MP100	Electric Motor Prop for Xtreme	\$779.10
ITSXPTC	Prop Transprt Case	\$787.28
BE02	BullsEye Base Package 2.0	\$10,291.05
BE02TP	BullsEye Trainers Package 2.0	\$15,736.05
BTC02	BullsEye Transport Case 2.0	\$950.40
BEE05RF	5lb Laser Extinguisher RF	\$940.50
BEE10RF	10lb Laer Extinguisher RF	\$1,237.50
BEE20RF	20lb Laer Extinguisher RF	\$1,237.50
CO2BEE10RF	10lb CO2 Style Laser Extinguisher	\$1,509.75
BE002WMERF	Water Mist Laser Extinguisher	\$1,237.50
RACE001	R.A.C.E. Station Base Package	\$2,593.80
RACE002	R.A.C.E. Station Transport Case	\$831.60
RACETP001	R.A.C.E. Station Trainers Package	\$4,135.05
SG1000BP	SG1000	\$1,876.05
SG1000TP	SG1000 Trainers Package	\$2,272.05
SG1000TAP	SG1000 Advanced Trainers Package	\$2,866.05
SG4000	Smoke Generator 4000	\$2,757.00
SL005LG	BullEx Smoke Liquid 5l	\$67.42
SL005LG	BullEx Smoke Liquid 10l	\$129.98
SL0020LG	BullEx Smoke Liquid 20l	\$240.56
HAZ04GT	Gas Trainer Package	\$4,795.00
HAZ05TP	Hazard Training Tools Package	\$5,795.00
HAZ01PL	Hazmat Placard Kit	\$775.00
HAZ01HT	Hazard Tank	\$955.00
HAZ01LPT	Leaking Propane Tank	\$955.00
VFPHT	Vehicle Fire Prop with Hoseline Trainer	\$39,496.05
HTS001	Hoseline Training System	\$18,805.05
ATS001	Attack Base Package	\$10,380.15
ATS001FS	Attack Fire & Smoke Package	\$14,389.65
ATS001TP	Attack Trainers Pacakge	\$16,998.30
ATS001SP	Attack Statellite Fire Package	\$8,212.05
ATS002IR	Attack Industrial Remote	\$1,554.30