GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
LANSING

ORLENE HAWKS
DIRECTOR

AGENDA
MICHIGAN FIRE FIGHTERS TRAINING COUNCIL SPECIAL MEETING

Lansing Community College – West Campus
5708 Cornerstone Drive, Lansing, MI 48917
Tuesday, February 11, 2020
9:00 AM

I.	Roll Call	Chairperson Tackett
II.	Approval of Agenda	Chairperson Tackett
III.	Communications	Chairperson Tackett
IV.	New Business:	
	a. Review FY20 MFFTC Grant Applications	Fire Marshal Sehlmeyer
V.	Public Comment	
VI.	Council Comment	
VII.	Adjournment	Chairperson Tackett

FMG-001

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Allendale Fire Department		**Pin Number:** 582532	**Date:** 1/8/2020
Name of Fire Department: Allendale Fire Department **NFIRS #:** 07001			**County:** Ottawa
Fire Department Street Address: 6676 Lake Michigan Dr.			
City: Allendale	**State:** MI	**Zip Code:** 49401	**Email:** mikekeefe@allendale-twp.org
Applicant Phone Number: 616-892-3121		**Alternate Number:** 616-890-1503	

SECTION II

Course / Project Name: Advanced Fire Dynamics	**Amount Requested:** $4,500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403	**Curriculum / Q-Course Number:** Q59A
Total Capacity per Class: 22	**Total Hours per Class:** 8
Instructor Name(s): Scott Harkes	

SECTION III

Applicant Signature: Michael S Keefe	**Date:** 1/8/2020
Name of Applicant: Michael S. Keefe	**Email:** mikekeefe@allendale-twp.org
Fire Chief Signature: Michael S Keefe	**Date:** 1/8/2020
Name of Fire Chief: Michael S. Keefe	**Email:** mikekeefe@allendale-twp.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

This funding will train firefighters to the latest fire behavior and ventilation control practices. It is important to train new firefighters with live fire exercises. The purpose of this is to enhance the ability to recognize fire flow paths, make correct ventilation decisions, understand modern fire behavior and suppression technics.

We are asking for partial funding of Live Fire Training Q-course (Q59A) in the amount of $4,500.00

As of January 2, 2020, we have 16 students signed up for MFFTC Firefighter I and II class. The Live Fire class would be and addition to the student training, the class is tentatively scheduled for June 13, 2020. This will be also open to the other departments that serve as automatic and mutual aid. The requested Live Fire class (Q59A) would enhance their basic knowledge and skills training after completing the Firefighter I and II class.

The goal of the Allendale Fire Department is to assist local Ottawa County Fire Departments with trained volunteer paid-on call staffing to respond to emergencies. We plan to meet this goal by improving staffing and deployment capabilities in most aspects of Live Fire Training through skills learned in the Q59A Live Fire Class. With the knowledge gained from the class, students will be able to effectively and safely respond to emergencies with enhanced knowledge levels. It will also enhance a fire department's/safety organization's ability to protect the health and safety of firefighters and the public.

We were unable to secure funding through the CTC this year. We have asked for some funding through our local fire associations with some success. These amounts cannot cover all the cost.

FMG-005

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Alan R. Styles	**Pin Number:** 711242	**Date:** 01/06/20
Name of Fire Department: Dalton Township Fire Department **NFIRS #:** 06117		**County:** Muskegon
Fire Department Street Address: 1650 E. Riley Thompson Rd		

City: N. Muskegon	**State:** MI	**Zip Code:** 49445	**Email:** alan.styles@mcd911.net
Applicant Phone Number: 231-332-6710		**Alternate Number:** 231-286-2518	

SECTION II

Course / Project Name: King Ceiling /Overhaul/Ventilation Prop	**Amount Requested:** 8400.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001	**Curriculum / Q-Course Number:** FF I & II
Total Capacity per Class: 20	**Total Hours per Class:** JPR dependent
Instructor Name(s): multiple	

SECTION III

Applicant Signature:	**Date:** 01/06/2020
Name of Applicant: Alan R. Styles	**Email:** alan.styles@mcd911.net
Fire Chief Signature:	**Date:** 01/06/2020
Name of Fire Chief: Alan R. Styles	**Email:** alan.styles@mcd911.net

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

1. We propose to purchase a King Celling/Overhaul training prop. The King Prop is a firefighting training simulator designed to teach and practice the skills of ceiling pulling, overhaul and roof ventilation by utilizing the real world feel and effort to pull conventional drywall ceilings, walls and vertical ventilation skills.

2. We are requesting $8400.00 to purchase the King 1/2 size Aluminum overhaul prop & Aluminum Vertical / Flat Roof Prop.

3. ***A***). Up until now, the only way to train in non-emergency situations for overhaul, ceiling pulling and vertical and horizontal ventilation has been in condemned or donated vacant buildings, which are becoming hard to acquire and make safe for training. The King Ceiling Prop will allow our department, as well as any other NFIRS compliant departments, along with any fire training academies that request it; to pull ceiling, walls and complete vertical vent work while simulating real world movements, skills (as pertinent to JPR's of NFPA 1001), and techniques in a safe, convenient, affordable, and easily reset scenario. We have secured some budgetary funds in 2020 to pay for additional sections/attachments of this prop, and shipping charges. To date there is only **one (1)** of the King Celling/Ventilation training props in the entire State of Michigan.

   B). The Dalton Township Fire Department has looked at the purchase of this prop for the last 2 years.

   C). The Dalton Township Fire Department has attempted to obtain this prop through both AFG and local grants for the last 2 years, all which have been unsuccessful.

Modular Firefighter Truck Operations Training Prop

King Ceiling Prop: Aluminum Overhaul Training Prop, 100 % realistic overhaul training. Durable, lightweight, and portable. Teach techniques and muscle memory along with construction methods. Uses ½" drywall or O.S.B.

Roof Prop: Peaked or flat roof prop 8x8 with replaceable 2x4 rafters. Modular with Ceiling Prop or stand-alone.

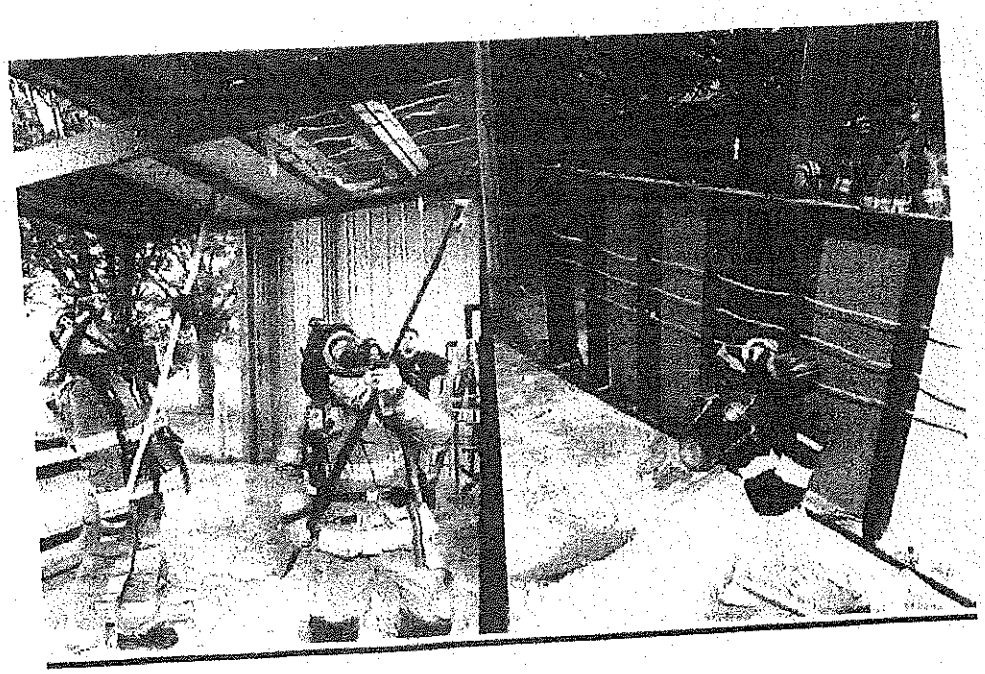
Re-Bar Cut Station: 3 directional re-bar cutting prop to gain saw proficiency. Chain, cable and padlock capabilities as well to teach various means of cutting and gaining access.

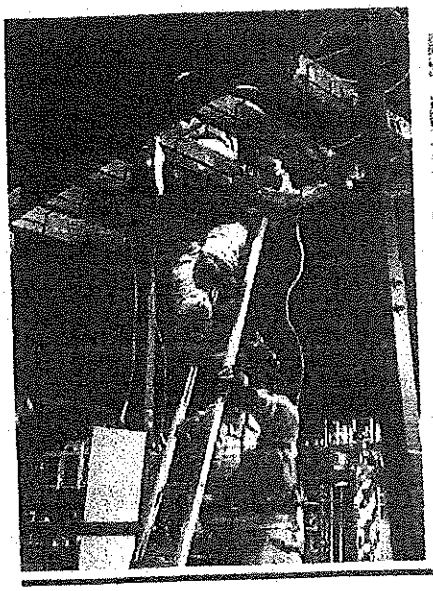
Garage Door Prop: The ability to cut garage door, corrugated steel or any material available to gain techniques and skill. Modular with ceiling prop or stand - alone.

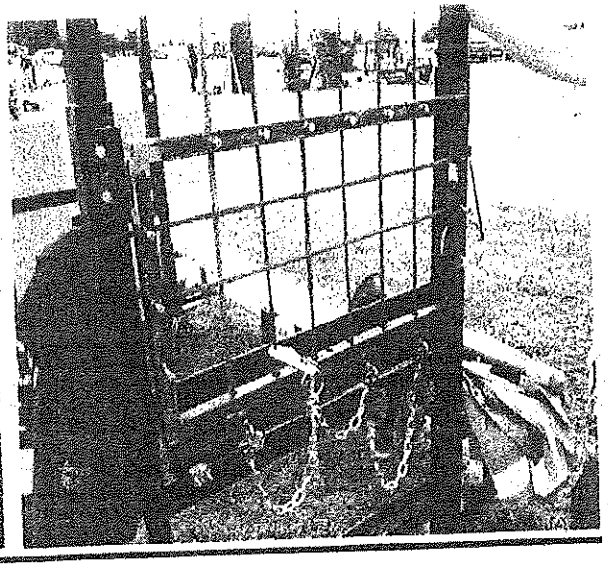
Sprinkler Prop: Piping and sprinkler heads made specifically to fit in the ceiling prop to teach safe operations and how to control water flow. The ability to demonstrate sprinkler effectiveness as well for pub -ed events.

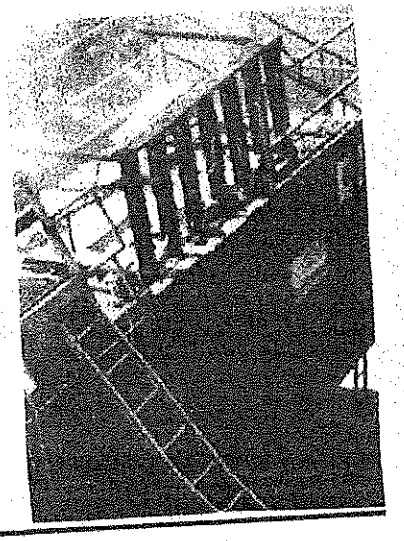
Material Cut Jig: Bolt on jig to help make preparing consumable material for overhaul training. 16″ on center.

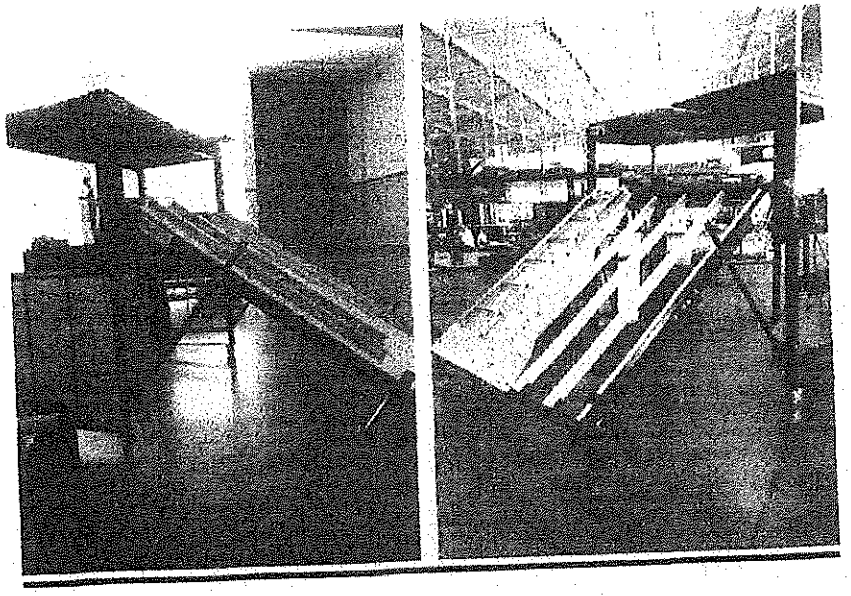
Quick stanchions / Partition Brackets: Lightweight aluminum brackets to allow you to create mazes, change room layouts or add obstacles to your training. Any size plywood up to 5/8″ can be used in any length to create anything you can dream off.

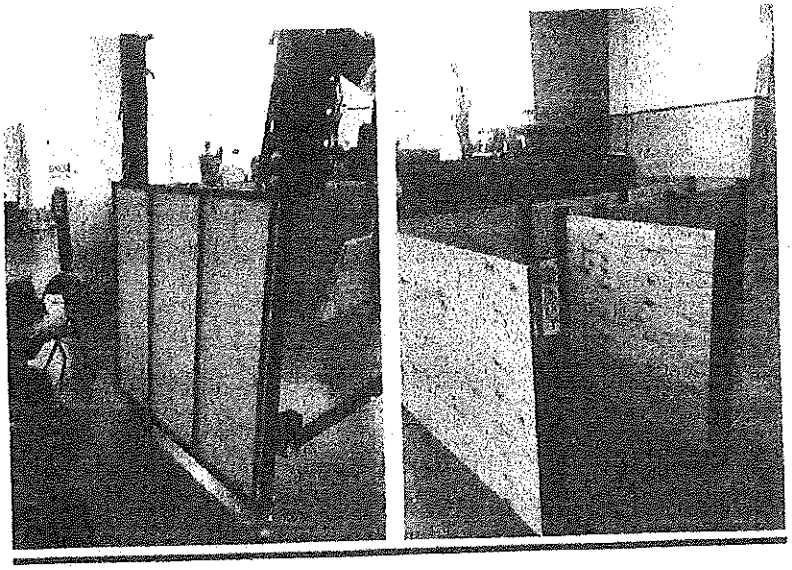


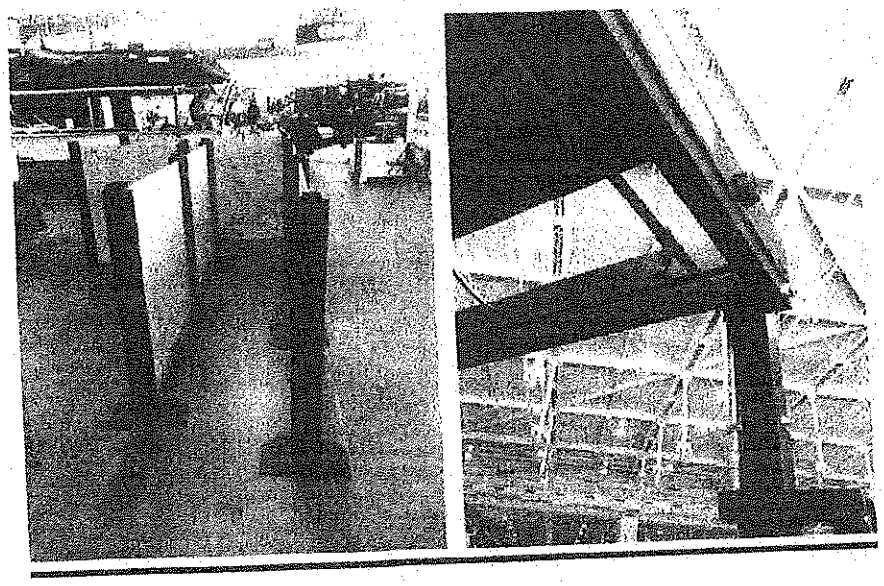












Custom props available

www.kingceilingprop.com

262-989-0453

chris@kingceilingprop.com

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-007

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Scott Damon		**Pin Number:** 577767	**Date:** 01/14/2020
Name of Fire Department: Cambridge Township Fire **NFIRS #:** 046-13			**County:** Lenawee
Fire Department Street Address: 135 N Main			
City: Onsted	**State:** Michigan	**Zip Code:** 49265	**Email:** 85c1@cambridgetownship.net
Applicant Phone Number: 517-605-1519		**Alternate Number:** 517-467-2128	

SECTION II

Course / Project Name: Extinguisher Prop	**Amount Requested:** 10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Scott Damon	**Date:** 1/14/2020
Name of Applicant: Scott Damon	**Email:** 85c1@cambridgetownship.net
Fire Chief Signature: Scott Damon	**Date:** 1/14/2020
Name of Fire Chief: Scott Damon	**Email:** 85c1@cambridgetownship.net

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

135 N. Main St.
Onsted, MI 49265
Phone 517-467-2128

Fire Chief

Scott Damon

Assistant Chief

Jeff Armstrong

Captains

Daryl Wooster
Dallas Brighton
Dustin Brighton
Chad Conrad

Lieutenants

Jay Best
AJ Armstrong
Paul Damon
TJ Smith

Firefighters

Chris Schultz
Chuck Schultz
Gary Brady
Gary Brighton
Ron Bailey
Jerry Ganun
Lisa Brighton
Aaron Bailey
Caleb Schultz
Brad Cannon
Joel Hess
Jeremy Rickman
Michael Herriman
Brady Wooster
Rosco Barndollar
Casandra Gooding
Brenden Paules
Nick Brandemihl
Tyler Mutter
Brandon Damon
Monica Smith
Zac Denison
Mitch Leffler
Quitin Baker
Will Conrad

Dear Grant Reviewers

Cambridge Township Fire Department is applying for the 2020 Training Grant to purchase A Fire Extinguisher Training Prop by Lion. We are requesting $10,000.00 however the total cost of the project is $12,875.00 The remaining balance will be covered by Cambridge Firefighter Association.

The purchase of the Fire Extinguisher Prop will allow multiple trainings for firefighters & Citizens. The training will be realistic, safe and cost effective. The training we currently have does not allow every firefighter the opportunity to train.

The number of people that this grant will allow to train is substantial.

Thank you

Scott Damon

Fire Chief
Cambridge Township

135 N. Main St.
Onsted, MI 49265
Phone 517-467-2128

Fire Chief

Scott Damon

Assistant Chief

Jeff Armstrong

Captains

Daryl Wooster
Dallas Brighton
Dustin Brighton
Chad Conrad

Lieutenants

Jay Best
AJ Armstrong
Paul Damon
TJ Smith

Firefighters

Chris Schultz
Chuck Schultz
Gary Brady
Gary Brighton
Ron Bailey
Jerry Ganun
Lisa Brighton
Aaron Bailey
Caleb Schultz
Brad Cannon
Joel Hess
Jeremy Rickman
Michael Herriman
Brady Wooster
Rosco Barndollar
Casandra Gooding
Brenden Paules
Nick Brandemihl
Tyler Mutter
Brandon Damon
Monica Smith
Zac Denison
Mitch Leffler
Quitin Baker
Will Conrad

Dear Grant Reviewer,

If awarded this grant, I believe the Fire Extinguisher Prop and the training it provides for firefighters and community members will accomplish the goal of maintaining a safe place to live and work in our area. The training will be realistic, safe, and cost effective. The training we have available, does not allow for every firefighter the opportunity to train or develop skills and knowledge to be competent with it practice or propose.

Cambridge Township's district covers three townships, which includes Onsted Community Schools, Michigan International Speedway and several factories. The Fire Extinguisher prop will allow us to train their staff and employee's to help with the response of fire related emergencies until the fire department arrives. The purchase of this equipment will also benefit surrounding areas due to the connection with entities from Lenawee, Hillsdale, Jackson, Monroe and Washtenaw counties. If this equipment is needed in outreaching areas throughout Michigan, Our department would be happy to support the equipment to aid in their training as well.

The Fire Extinguisher Prop will fulfill the MIOSH Part 30 Standard and OSHA 1910.157 requirement's and enhance the skill and track the performance training of extinguishing fire of each firefighter. The Prop will allow multiple trainings for firefighters and citizens. It will also greatly reduce the cost of the training by eliminating the need to recharge the extinguishers and omit the time for cleanup of training.

On behalf of the Cambridge Township Fire Department, I would like to thank you for the consideration of this grant, that will aide and benefit our community in acquiring their skills and further their learning with the purchase of this Fire Extinguisher Prop.

Scott Damon

Fire Chief
Cambridge Township

PHOENIX
SAFETY OUTFITTERS

QUOTATION: 148182

(THIS IS NOT AN INVOICE)

PHOENIX Safety Outfitters,
PO Box 20445
Upper Arlington, Ohio 43220

Bill to:

SCOTT DAMON
CAMBRIDGE TWP FIRE DEPT
135 N. MAIN
ONSTED MICHIGAN 49265
UNITED STATES
Customer Phone: 517-467-2128 ext 1
Customer Email: 85C1@cambridgetownship.net

Ship to:

SCOTT DAMON
CAMBRIDGE TWP FIRE DEPT
135 N. MAIN
ONSTED MICHIGAN 49265
UNITED STATES
Customer Phone: 517-467-2128 ext 1
Customer Email: 85C1@cambridgetownship.net

Date:	13 Jan 2020	**Terms:**	Reference Terms in Body of Quote
Acct Questions:	cgrogan@phoenixoutfitters.com	**Account Rep:**	Helen DePalo
Bin Reference #:		**Sent By:**	Helen DePalo
Ship Method:		**Web Addr:**	www.phoenixoutfitters.com

Qty	Item ID	Item name	Item $	Extended $
1	CUSTPO	Customer Purchase Order Number:	$0.00	$0.00
1	LTP-ITSXSU01-B#	INTELLIGENT TRAINING SYSTEM EXTREME BASE PACKAGE » I.T.S. TRASH CAN PROP x 1 *Verified: [0919], Valid Thru: [123119]* » SMARTEXTINGUISHER FOR I.T.S. (7X) x 1 *Verified: [0919], Valid Thru: [123119]* » INTELLIGENT TRAINING SYSTEM EXTREME BASE UNIT x 1 *Verified: [0919], Valid Thru: [123119]*	$8221.00	$8221.00
1	LTP-PX01B	I.T.S. STOVE TOP PROP *Verified: [0919] Valid Thru: [123119]*	$845.00	$845.00
1	LTP-IC001	TRANSPORT CASE FOR INTELLIGENT TRAINING SYSTEM *Verified: [0919] Valid Thru: [123119]*	$845.00	$845.00
3	LTP-SE007XR	SMARTEXTINGUISHER FOR I.T.S. (7X) *Verified: [0919] Valid Thru: [123119]*	$495.00	$1485.00
2	LTP-CC057	INDUSTRIAL GRADE EXTINGUISHER CARRYING CASE *Verified: [0919] Valid Thru: [123119]*	$200.00	$400.00
1	LTP-PC01X	TRANSPORT CASE FOR I.T.S. PROPS *Verified: [0919] Valid Thru: [123119]*	$845.00	$845.00
1	FRTTBD	Freight FOB Mfg. to include Shipping, Handling TBDATOS // Reference Date Shipped in Header:	$234.00	$234.00
1	LTP-BREED	YOUR OUTSIDE SALES REP: Beverly Reed (c) 989-439-2192 eMail: breed@phoenixoutfitters.com *Verified: [0919] Valid Thru: [123119]*	$0.00	$0.00

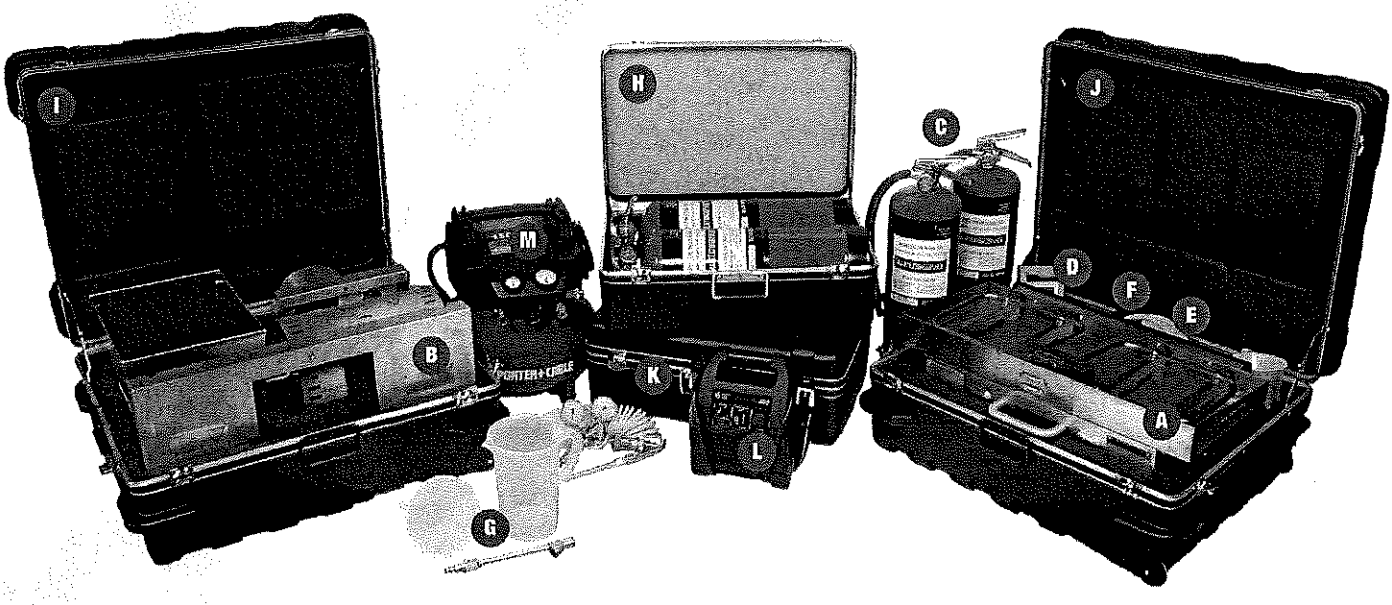
Subtotal	**$12875.00**
Not rated @ 0%	$0.00
MI-ST TAX EXEMPT @ 0%	$0.00
Total	**$12875.00**
Paid to date	$0.00

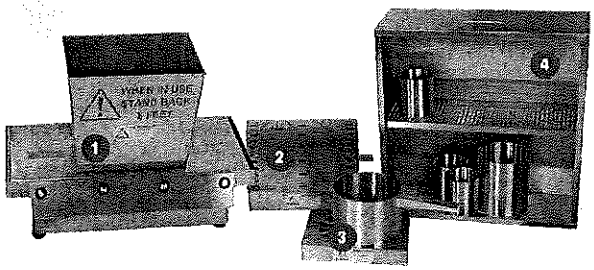
Physical Address:
PHOENIX Safety Outfitters
1619 Commerce Road
Springfield, Ohio 45504
(937) 324-2537

Sales Tax Certificates:
Ohio (91-050790)
Michigan (41-2241348)
Indiana (0158424336)

EIN:41-224134

I.T.S. XTREME™ INTELLIGENT TRAINING SYSTEM





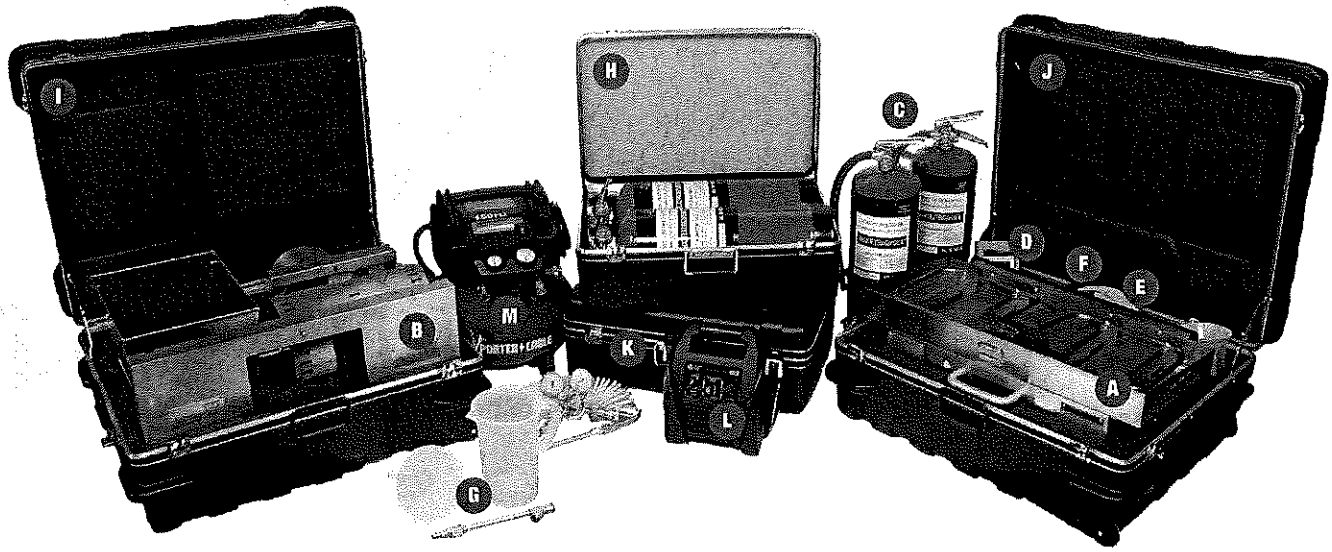
1. Trash Can **2.** Motor **3.** Stove **4.** Paint Locker

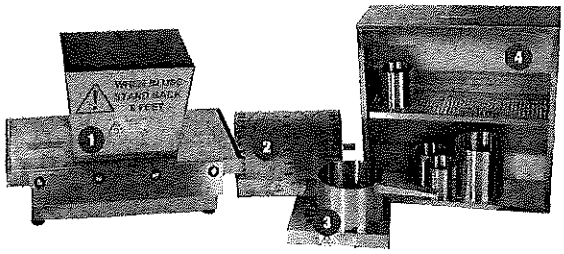
AVAILABLE PRODUCTS:

A. Intelligent Training System (I.T.S.) Xtreme Base Unit **B.** Prop Adapter Plate & Class A, B and C Props **C.** 7X SmartExtinguisher **D.** Handheld Controller & Controller Cable **E.** Power Cable **F.** Propane Supply Kit **G.** Recharge Accessories **H.** Accessories Carrying Case **I.** I.T.S Xtreme Prop Transport Case **J.** I.T.S Xtreme Transport Case **K.** Industrial Grade Extinguisher Carrying Case **L.** Battery Power Pack **M.** Choice of Air Regulator Kit or Air Compressor

Popular Packages

COMPONENT	BASIC	PLUS	TRAINER'S	ULTIMATE
Intelligent Training System Xtreme Base Unit	1	1	1	1
Transport Case for Intelligent Training System			1	1
Accessories Transport Case for Intelligent Training System	1	1		
SmartExtinguisher for I.T.S. (7X)	1	2	4	4
Industrial Grade Extinguisher Carrying Case		1	2	2
Funnel	1	1	1	1
Measuring Cup	1	1	1	1
Air Compressor with Accessories			1	1
NFPA Fire Extinguishers at Work DVD			1	1
Transport Case for I.T.S. Props		1	1	1
I.T.S. Trash Can Prop	1	1	1	1
I.T.S. Stove Top Prop		1	1	1
I.T.S. Motor Prop		1	1	1
I.T.S. Paint Locker Prop				1





1. Trash Can **2.** Motor **3.** Stove **4.** Paint Locker

AVAILABLE PRODUCTS:

A. Intelligent Training System (I.T.S.) Xtreme Base Unit **B.** Prop Adapter Plate & Class A, B and C Props **C.** 7X SmartExtinguisher **D.** Handheld Controller & Controller Cable **E.** Power Cable **F.** Propane Supply Kit **G.** Recharge Accessories **H.** Accessories Carrying Case **I.** I.T.S Xtreme Prop Transport Case **J.** I.T.S Xtreme Transport Case **K.** Industrial Grade Extinguisher Carrying Case **L.** Battery Power Pack **M.** Choice of Air Regulator Kit or Air Compressor

I.T.S. XTREME™ INTELLIGENT TRAINING SYSTEM

Specifications

SAFETY FEATURES

- Emergency stop/deadman switch on handheld controller
- Bump/tilt sensor
- Auto-ignition pilot
- Auto-off after 32 seconds of full flame evolution
- Key-code entry at start-up
- Combustible materials, flammable liquids, flammable gas and electrical fire class settings

PHYSICAL SPECIFICATIONS

- **Base Unit:** 28.75" × 18" × 13" (73 cm × 45.7 cm × 33 cm)
- **Base Unit:** Stainless Steel
- **Burner:** Stainless Steel
- **Weight:** 32 lbs. (14.5 kg.)

STAINLESS STEEL PROPS

- **Trash Can:** 15" × 11" × 12.75" (38.1 cm × 27.94 cm × 32.38 cm)
- **Motor:** 15.5" × 10" × 11" (39.37 cm × 25.4 cm × 27.94 cm)
- **Stove:** 18" × 9" × 7.5" (45.72 cm × 22.86 cm × 19 cm)
- **Paint Locker:** 23.5" × 9" × 24" (59.69 cm × 22.86 cm × 60.96 cm)

FUEL

- **Type:** Propane
- **Input:** 375,000 BTU/H (109.8 kw)
- **Max Gas Supply Pressure:** 2 PSI (13.8 kPa)
- **Duty Cycle:** 50%

HOSE & REGULATOR

- **Type:** Long pressure LPG
- **Length:** 10' (304.8 cm)
- **Coupling:** Self sealing quick disconnect
- **Regulator Connection:** Standard 20 lb. (9.1 kg.) tank LPG reverse thread

ELECTRICAL

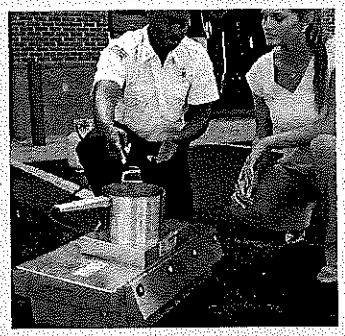
- **Input:** 2V DC/5 amps maximum
- **Receptacle:** 12V cigarette lighter plug
- **Length:** 25' (64 cm.)

CONTROLLER

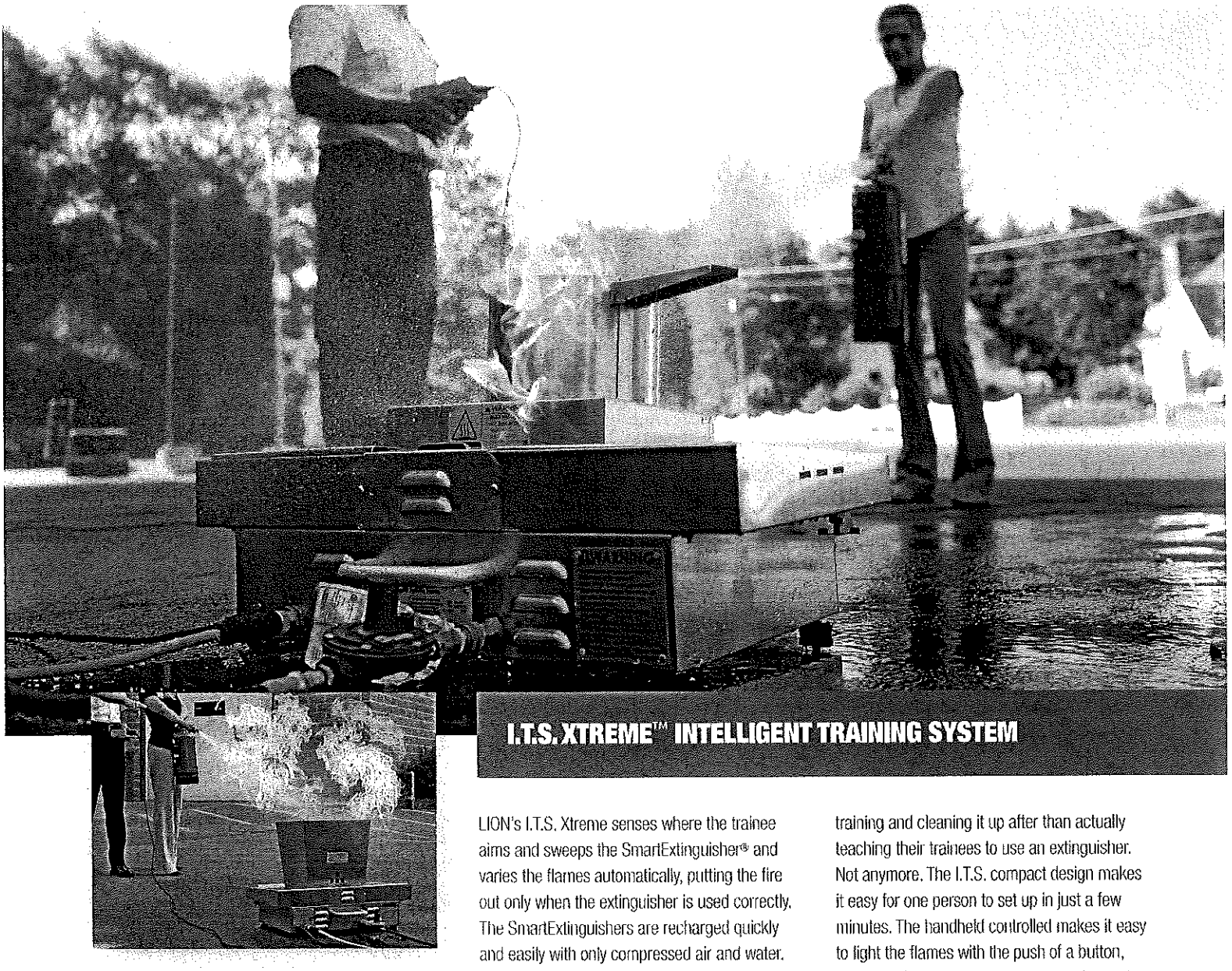
- **Connector Type:** 5-Pin DM
- **Cable Type:** RS-485
- **Length:** 25' (64 cm.)

SMARTEXTINGUISHER

- **Air Pressure Connection:** Schrader Valve
- **Recommended Pressure:** 100 PSI (690kPa)
- **Maximum Pressure:** 110 PSI (758kPa)



I.T.S. Xtreme with Stove Prop



I.T.S. XTREME™ INTELLIGENT TRAINING SYSTEM

Prop-enabled extinguisher training that's ready in a flash

ADD ON DIFFERENT TRAINING PROPS TO CREATE A VARIETY OF REALISTIC FIRE SCENARIOS FOR YOUR TRAINEES

LION's I.T.S. Xtreme senses where the trainee aims and sweeps the SmartExtinguisher® and varies the flames automatically, putting the fire out only when the extinguisher is used correctly. The SmartExtinguishers are recharged quickly and easily with only compressed air and water.

LET THEM SEE HOW DIFFERENT FIRES REALLY FUNCTION

In addition to all of the features of the Intelligent Training System, the I.T.S. Xtreme allows instructors to mix and match our add-on props to experience the flame behavior of everyday items. Teach the proper method of extinguishing a Class A Trash Can fire, Class B Stove Top and Paint Locker fires, as well as a Class C Electric Motor Prop.

BE READY TO TRAIN IN MINUTES

We've heard from instructors like you that they spend far more time preparing the site before training and cleaning it up after than actually teaching their trainees to use an extinguisher. Not anymore. The I.T.S. compact design makes it easy for one person to set up in just a few minutes. The handheld controlled makes it easy to light the flames with the push of a button, so the evolution can start as soon as the next trainee is ready. Plus, the I.T.S. is constructed with industrial grade stainless steel components so that it can withstand years and years of intense training.

EXTINGUISHER TRAINING WITHOUT THE MESS

The I.T.S.'s easy set up and field rechargeable air/water SmartExtinguishers eliminate the mess associated with traditional dry chemical extinguishers and diesel burn pans. No messy dry chemical extinguishers or dangerous diesel fumes also means no environmental effects or exposure risks for your trainees.

1.888.428.5530 | www.lionprotects.com/firetrainingtools

LION® ready for action

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-008

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Jeremy Connell		**Pin Number:** 603333	**Date:** January 14, 2020
Name of Fire Department: City of St. Joseph Fire Department (DPS) **NFIRS #:** 1121			**County:** Berrien
Fire Department Street Address: 923 Broad Street			
City: St. Joseph	**State:** MI	**Zip Code:** 49085	**Email:** jconnell@sjcity.com
Applicant Phone Number: 269-876-2993		**Alternate Number:** 269-983-1442	

SECTION II

Course / Project Name: Training Equipment & Props	**Amount Requested:** $9,450.54

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001	**Curriculum / Q-Course Number:** --
Total Capacity per Class: --	**Total Hours per Class:** --
Instructor Name(s): --	

SECTION III

Applicant Signature: Jeremy Connell	**Date:** January 14, 2020
Name of Applicant: Jeremy Connell	**Email:** jconnell@sjcity.com
Fire Chief Signature: Jeremy Connell	**Date:** January 14, 2020
Name of Fire Chief: Jeremy Connell	**Email:** jconnell@sjcity.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

2020 MFFTC Training/Equipment-Props Grant Application

Project Questions and Responses:

1. Please Detail (50 words or less) what you intend to do with your 2020 MFFTC training Grant:

   The City of St. Joseph is respectfully submitting this request to purchase fire extinguisher training equipment. The equipment will be used for public and private classes taught by our department and made available to the Berrien County Firefighters Training Committee, the Berrien Bounty CTE program and area departments.

2. How much money are you requesting for your 2020 MFFTC Training Grant?

   The City of St. Joseph is requesting $9,450.54 in this 2020 MFFTC Training/Equipment-Props Grant (henceforth referred to as "2020 MFFTC Grant") application.

3. Please detail (using 500 words or less) how your grant request will enhance or improve the skills, knowledge, health or safety of firefighters statewide.

   a) First and foremost, the 2020 MFFTC Grant funds will improve the skills, knowledge, health and safety of firefighters in Michigan by providing critically needed equipment and props that will support firefighter training. Equipment purchased with funding from this Grant will be made available to fire departments and training academies throughout the State of Michigan. However, the equipment will provide the most benefit to local fire departments, our County Firefighter Training Academy and the Berrien County Career and Technology Education (BCCTE) program – the Berrien County Firefighter training Committee (in cooperation with neighboring counties) and BCCTE program train approximately 50 new firefighters each year alone. Funding from the 2020 MFFTC Grant program will provide the opportunity to introduce new equipment, which is not readily available in our area, into their curriculum.

   Secondly, the City of St. Joseph Department of Public Safety provides fire safety educational programs to schools, civic groups, churches, citizens, businesses and institutions on a regular basis. Over the last two years, we trained over 300 employees from local businesses in fire safety and the use of *fire extinguishers*. Some of these businesses include, but are not limited to, Whirlpool, Leco Corp., Vail Rubber and the First United Methodist Church & Preschool. Unfortunately, we were not able to fulfill all of the requests for training due to inadequate, or a lack of, training equipment. If we were equipped with the appropriate training equipment and

props, our department could easily double or triple the number of citizens that we reach each year.

I am sure you will agree, using firefighter training and public education in a well implemented and well executed program is an effective strategy for improving firefighter health and safety. When it comes to public education, it is imperative that the citizens understand that they have a responsibility in providing for their own protection before a fire occurs and they must know the proper way to react if a fire does occur. Unfortunately, we cannot prevent all fires, but a well-educated public and well-trained firefighters will reduce the severity of events and the occurrence of injuries which will unilaterally improve the health and safety of our firefighters.

b) This FY20 MFFTC grant application will mark third consecutive year that our department has attempted to secure funding for this project.

c) Grant funding options that we have pursued include the MFFTC Grant Program, FM Global Fire Prevention Grant, and the Volunteer Fire Assistance (VFA) Grant Program.

In closing, I would like to thank you for the opportunity to apply for this grant and hope that you will consider our application for award. If you have any questions about our program or application, please contact Jeremy Connell at 269-876-2993.

KFT™

KFT Fire Trainer, LLC
17 Philips Pkwy
Montvale NJ 07645
UNITED STATES
+1(201)-300-8100

Estimate: E000001565

Quote Date: 1/8/2020

Customer:

Jeremy Connell
City of St. Joseph
700 Broad St.
St. Joseph MI 49085
UNITED STATES

Expiration Date: 4/30/2020

Terms:

Line	Item	Quantity	UOM	Unit Price	Includes Discount	Extended Price
1	4A1-006-373	1.00	EA	7,257.00000	18.00%	7,257.00
	P-100 PORTABLE FIRE EXTNGR TRAINER ASSY					

The P-100 trainer provides challenging fire extinguisher training for office and plant personnel. Please see the attached brochure for additional information regarding the essential skills that are taught with this trainer and the types of extinguishing agents that can be utilized.

Optional props are offered for the P-100 fire trainer to create various fire training scenarios and they have been listed as well for your review. Photos of accessories are shown on the attached P-100 brochure.

Please review and respond with any additional comments, questions or changes if you would like to purchase any accessories.

2	4A1-006-381	1.00	EA	1,968.00000	18.00%	1,968.00
	P-100-PLP PAINT LOCKER RACK MOCKUP ASSY					

Delivery: Shipping 5-6 weeks ARO

EAR99

Payment Terms will be determined after review of completed KFT customer application provided to you with this estimate.

If your organization is considered tax exempt, please return a copy of your exemption certificate with your purchase order.

Misc. Charges line item = shipping costs.

Customer Currency:	USD	US Dollar
Sale Amount:		9,225.00
Order Disc(0.0000%):		0.00
Surcharge:		N/A
Sales Tax:		0.00

KFT™

KFT Fire Trainer, LLC
17 Philips Pkwy
Montvale NJ 07645
UNITED STATES
+1(201)-300-8100

Estimate: E000001565

Quote Date: 1/8/2020

Misc Charges:	225.54
Total Amount:	9,450.54

ALL SALES ARE SUBJECT TO KFT FIRE TRAINER, LLC. TERMS AND CONDITIONS IF NOT ATTACHED HERETO, AVAILABLE AT http://kft.firetrainer.com/tnc/KFT-US-Terms.pdf AND NO OTHER TERMS AND CONDITIONS, ORAL OR WRITTEN, SHALL BE OF ANY FORCE OR EFFECT. ANY ADDITIONAL, DIFFERENT, OR CONFLICTING TERMS OR CONDITIONS CONTAINED IN BUYER'S PURCHASE ORDER OR IN ANY OTHER CORRENSPONDENCE, PREVIOUS OR SUBSEQUENT, SHALL BE DEEMED REFUSED AND OBJECTED TO BY KFT FIRE TRAINER, LLC. AND SHALL NOT BE BINDING IN ANY WAY ON KFT FIRE TRAINER, LLC., UNLESS BUYER AND KFT FIRE TRAINER LLC. SPECIFICALLY AGREE IN WRITING ON TERMS AND CONDITIONS ADDITIONAL TO OR DIFFERENT FROM THOSE CONTAINED HERETO.

SHIPPING IS ADDITIONAL AND WILL BE BILLED SEPARATELY UNLESS INCLUDED IN THE ESTIMATE TEXT.

IF USING CREDIT CARD PLEASE PROVIDE BILLING POC AND ADDRESS AS WELL AS THE 3 DIGIT IDENTIFIER ON THE BACK OF THE CC.

PLEASE PROVIDE TAX EXEMPT CERTIFICATE IF APPLICABLE

Please Verify That The Billing Address is Correct And Provide A Ship-To Address, Contact Name & Phone:

Billing Address:
City of St. Joseph
700 Broad Street
St. Joseph, MI 49085

Shipping Address:
City of St. Joseph
923 Broad Street
St. Joseph, MI 49085

Contact Name: Jeremy Connell
Contact Phone: 269-876-2993

Please Fill In The Appropriate Fields To Place Your Order:

Purchase Order Number: N/A

And/Or

Credit Card Number: _____

Visa Or MasterCard Only

N ame: _____

Expiration Date: _____ CVV: _____

Credit Card Billing Address: _____

Credit Card Contact Information – Phone and/or E-mail address:

Buyer Signature: _____ Date: 1/14/2020

All Sales Are Deemed Taxable Unless A Valid Exemption Certificate Is Provided

Michigan Department of Treasury
Form 3372 (Rev. 7-08)

Michigan Sales and Use Tax Certificate of Exemption

DO NOT send to the Department of Treasury. Certificate must be retained in the Seller's Records.

This certificate is invalid unless all four sections are completed by the purchaser.

SECTION 1: TYPE OF PURCHASE

☐ One-time purchase.
Order or Invoice Number: _____

☒ Blanket certificate.
Expiration Date (maximum of four years): 12/31/23

The purchaser hereby claims exemption on the purchase of tangible personal property and selected services made from the vendor listed below. This certifies that this claim is based upon the purchaser's proposed use of the items or services, OR the status of the purchaser.

Vendor's Name and Address
KFT Fire Trainer, LLC

SECTION 2: ITEMS COVERED BY THIS CERTIFICATE

Check one of the following:

1. ☒ All items purchased
2. ☐ Limited to the following items: _____

SECTION 3: BASIS FOR EXEMPTION CLAIM

Check one of the following:

1. ☐ For Resale at Retailer. Enter Sales Tax License Number: _____
2. ☐ For Lease. Enter Use Tax Registration Number: _____

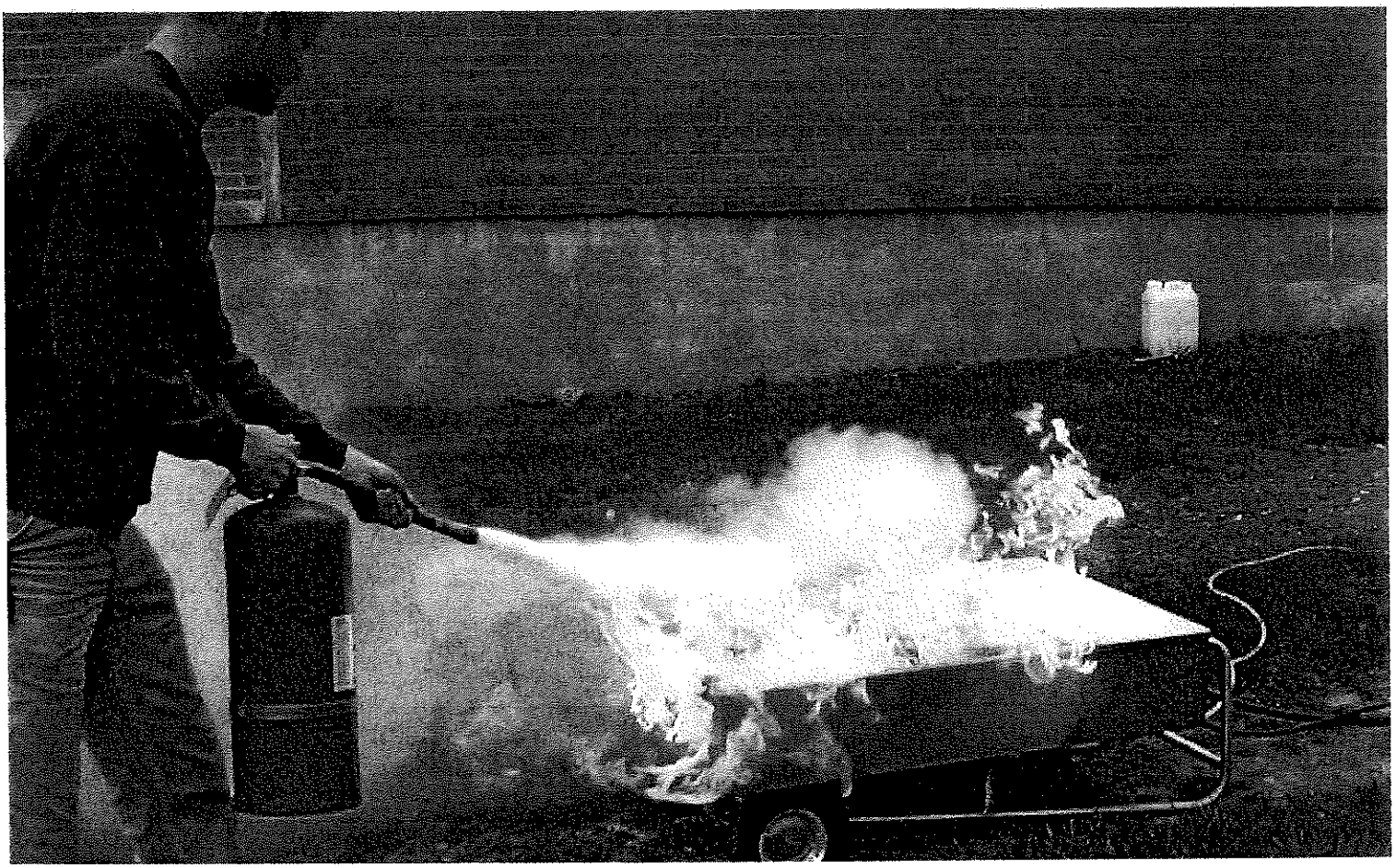
The following exemptions DO NOT require the purchaser to provide a number:

1. ☐ For Resale at wholesale
2. ☐ Agricultural Production. Enter percentage: _____%
3. ☐ Industrial Processing. Enter percentage: _____%
4. ☒ Church, Government Entity, Nonprofit School, or Nonprofit Hospital (Circle type of organization)
5. ☐ Nonprofit Internal Revenue Code Section 501(c)(3) or 501(c)(4) Exempt Organization (must provide IRS authorized letter with this form)
6. ☐ Nonprofit Organization with an authorized letter issued by the Michigan Department of Treasury prior to June 1994 (must provide copy of letter with this form)
7. ☐ Rolling Stock purchased by an Interstate Motor Carrier
8. ☐ Direct Mail (delivered to multiple taxing jurisdictions - purchases assumes tax payment obligation)
9. ☐ Other (explain): _____

SECTION 4: CERTIFICATION

I declare, under penalty of perjury, that the information on this certificate is true, that I have consulted the statutes, administrative rules and other sources of law applicable to my exemption, and that I have exercised reasonable care in assuring that my claim of exemption is valid under Michigan law. In the event this claim is disallowed, I accept full responsibility for the payment of tax, penalty and any accrued interest, including, if necessary, reimbursement to the vendor for tax and accrued interest.

Type of Business (see codes on page 2)	Business Name
05	City of St. Joseph
Business Address	**City, State, ZIP Code**
700 Broad St.	St. Joseph, MI 49085
Business Telephone Number (include area code)	**Name (Print or Type)**
(269) 983-4731	Sara L. McCallum
Signature and Title	**Date Signed**
Sara L McCallum	01/16/19



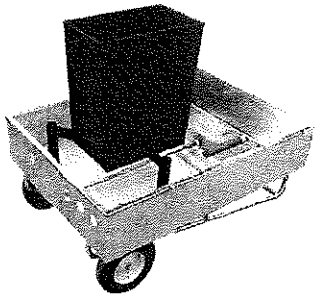
Portable Fire Extinguisher Trainer P-100

Convenient and environmentally friendly employee OSHA training

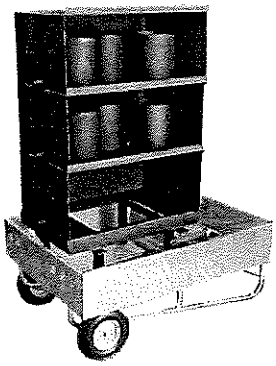
KFT™

REALISTIC FIRE | HAZMAT | EMERGENCY TRAINING SOLUTIONS

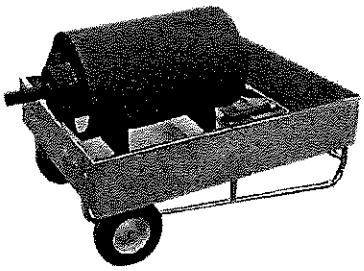
kft.firetrainer.com



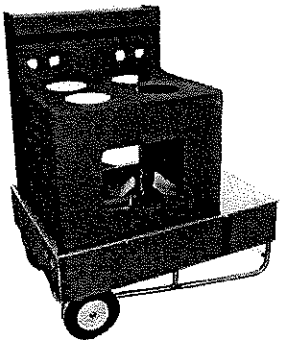
waste paper prop



paint locker prop



electric motor prop



stove prop

KFT's portable Fire Extinguisher Trainer allows safe and environmentally-acceptable hands-on extinguisher training for workplace employees, per OSHA requirement 1910.157(g)(1). The trainer is easily transported, and can be set-up in a matter of minutes without tools. The unit is supplied complete with fuel control equipment, a 6 sq-ft (.5 sq-m) burn pan, a control pendant, and a 1- year warranty. (Propane tank is not included).

The P-100 trainer provides challenging fire extinguisher training for office and plant personnel. Essential skills are taught using the P-100 trainer, such as how to select the correct extinguisher for class A, B and C fires, how to evaluate the fire, and the correct way to aim and use the extinguisher. Multiple types of extinguishing agents can be used, including water, CO_2 and dry chemical.

The P-100 trainer is a portable unit that can be transported, setup, and operated by one person. All fires are controlled from a pendant that the instructor uses to instantly ignite and shut off the fire. This means greater student safety and a higher number of students that can be trained in a training day. The P-100 is constructed of stainless steel, making it robust and easy to maintain, and it burns environmentally acceptable propane.

Optional props are offered for the P-100 fire trainer to create various fire scenarios such as a waste paper bin (class A), paint locker (class B) and electric motor (class C).

Specifications

- construction — stainless steel water bath burn platform and aluminum propane tank cart
- overall dimensions — 42" x 30" (1m x .75m)
- burn area — 24" x 36" (6m x .9m)
- power — 110VAC (20' AC power cable provided)
- weight — approx 100 lbs.(45kg) empty

Safety Features

- independent constant pilot flame ensures ignition
- hand-held operator control pendant with 20' (6m) cable starts and stops flames on command

Warranty & Support

- 12-month parts warranty with toll-free technical phone support
- operation and maintenance manual included

Options

- 12VDC to 110VAC invertor
- propane tank not included....uses a standard 40 lb. (20kg) propane tank

USA KFT Fire Trainer, LLC, 17 Philips Parkway, Montvale, NJ, 07645, USA
+1.201.300.8100

Germany KFT Fire Trainer GmbH, Sonnenweg 13, 52070 Aachen, Germany
+49.241.180.580

UK KFT Fire Trainer GmbH, Unit 1a Midland Place, Barlborough S43 4FR, UK
+44.1246.819.755

kft.firetrainer.com

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-011

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Joel Buist		**Pin Number:** 587819	**Date:** 1/15/2020
Name of Fire Department: Bridgman Fire Department **NFIRS #:** 01106			**County:** Berrien County
Fire Department Street Address: 9765 Maple St.			
City: Bridgman	**State:** Mi	**Zip Code:** 49106	**Email:** Jbuist@bridgman.org
Applicant Phone Number: 269 876 6342		**Alternate Number:** 269 465 3803	

SECTION II

Course / Project Name: Bridgman / Lake Twp Training Facility	**Amount Requested:** $10,000

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403	**Curriculum / Q-Course Number:** Training Facility
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): Scott Davis / Allen Weich	

SECTION III

Applicant Signature: [signature]	**Date:** 1-15-2020
Name of Applicant: Joel Buist	**Email:** Jbuist@bridgman.org
Fire Chief Signature: [signature]	**Date:** 1-15-2020
Name of Fire Chief: Joel Buist	**Email:** Jbuist@bridgman.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

BRIDGMAN

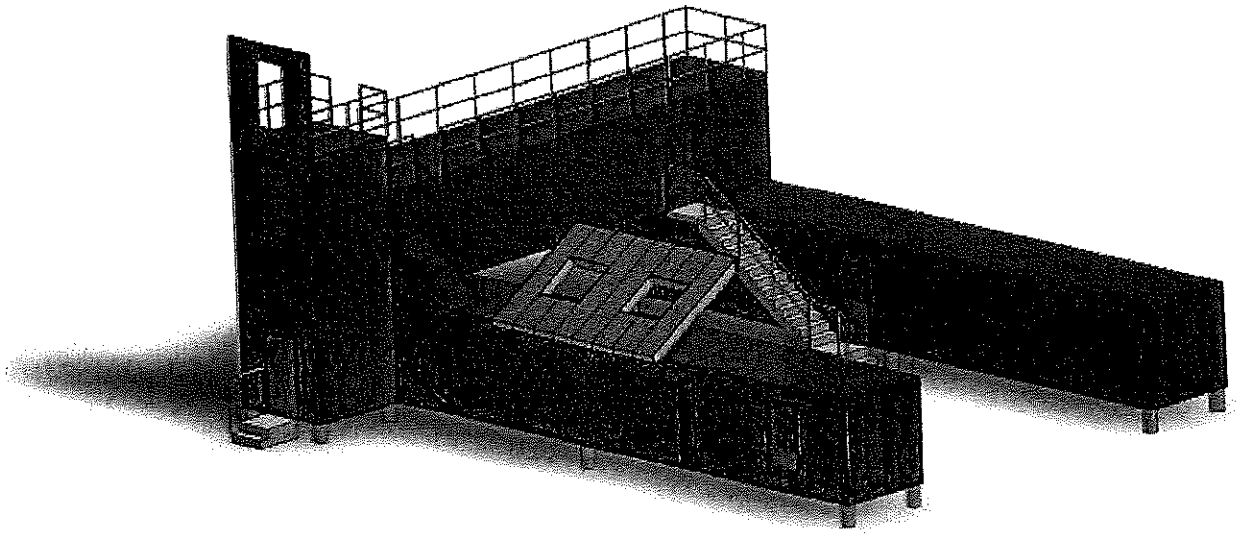
FIRE RESCUE

P.O. BOX 366, 9765 MAPLE STREET BRIDGMAN MICHIGAN 49106
(269) 465-3803 (269) 465-5144 FAX (269) 465-4269
EMERGENCY 911

Bridgman Fire has been in the process for the last two years of researching, budgeting and building a small local training building in conjunction with Lake Township Fire Department. This grant for $10,000 would allow us to purchase and add a forcible entry door and window to this facility so that we could continue to advance our firefighters skills.

We have utilized donations from local businesses such as Eagle Technologies and AEP's D.C. Cook Plant to get the project moving forward. We are using four shipping containers for our structure and plans are in place to set them in the spring. The final product will have a burn room, an entanglement maze, search and rescue rooms, a third floor window for ladder work and a pitched roof for ventilation drills. This facility will give our departments the ability to maintain solid firefighter fundamentals while encouraging interdepartmental cooperation. Our hope is that this type of facility will also encourage and help recruitment numbers.

In the past we have bought and built different props and we have not had the ability to store them out of the weather to protect them or they haven't been strong enough to withstand the elements. This structure, made from shipping containers, fabricated steel and roofing materials will be able to withstand the test of time with some minor annual maintenance. We have done benchmarking to other facilities (MAAC, Saugatuck, South Haven) to learn from their processes and suggestions so that we can build a quality product without having to do a lot of costly rework.



"THE KEY TO FORCIBLE ENTRY"
3795 Martin Court, Seaford, NY 11783
Tel: 516-308-3132 Fax: 516-765-3065
www.FirehouseInnovations.com

PRICE QUOTE

January 15, 2020 Valid for 90 days

PURCHASER (s):	**SHIP TO:**
Bridgman Fire Dept. Bridgman, MI 49106 269-876-6342	Bridgman Fire Dept. Bridgman, MI 49106

Attn: Chief Joel Buist jbuist@bridgman.org

You recently requested pricing information from our company. Here is our quote:

Quantity and description of item	Price per unit	Price
One (1) **Multi-Force Door** (*Forcible Entry Door Simulator*) **includes FE Training DVD etc. *(see Packing Slip)*	6,500.00	$6,500.00
Additional Features if Requested: ☑ check box add to total		
☑ Cutting Station $250	250.00	250.00
☑ Battering Ram Attachment $450	450.00	450.00
Shipping & Handling - (Hydraulic Liftgate Service-Delivery): **Or** Purchaser can pick up the door includes Train the Trainers - 2 hours: **$200** Approx. miles one way from 11783 to		780.00
Please provide a copy of your Tax Exempt Certificate or the applicable sales tax (if required) will be charged:	**Tax:**	
	TOTAL:	~~$7,280.00~~ $7,980.00

Also attached is a copy of our Contract of Sale (2 pages). Please complete and return a signed copy with your Purchase Order. Please provide a copy of your Certificate of Tax Exemption for our records.

Sincerely, Mike Perrone, President
miperro56@aol.com

NOTE: Additional Features: http://firehouseinnovations.com/products.html scroll down page.
Cutting Station can be added at any time.
Battering Ram Attachment must be added at initial purchase, cannot be retrofitted in the field.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-012

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Jason Lermont	**Pin Number:** 599962	**Date:** 1/15/2020
Name of Fire Department: Harbor Beach Area Fire Department **NFIRS #:** 3206		**County:** Huron
Fire Department Street Address: 202 N Huron Ave.		
City: Harbor Beach	**State:** MIchigan	**Zip Code:** 48441
Email: harborbeachfire@gmail.com		
Applicant Phone Number: 989-315-1489		**Alternate Number:** 989-479-3679

SECTION II

Course / Project Name: Forcible entry door prop	**Amount Requested:** $7,270.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 1/15/2020
Name of Applicant: Jason Lermont	**Email:** hbfdemt@gmail.com
Fire Chief Signature:	**Date:** 1/15/2020
Name of Fire Chief: Jason Lermont	**Email:** harborbeachfire@gmail.com

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

Harbor Beach Area Fire Department

202 North Huron Avenue
Harbor Beach, Michigan 48441

The Harbor Beach Area Fire Department is seeking the FY20 MMTC grant for the purpose of a Multi-Force Door (Forcible Entry Door Simulator).

The cost of this training Prop is $7,270.00 which includes Shipping of $770.00 and a Cutting Station Attachment

With this Forcible entry prop our firefighters will be able to safely perform forcible entry techniques with a wide range of different scenarios. This is a prop that would be able to be used over and over for years to come. By teach the firefighter how to properly force doors they will be able to store that knowledge and use in on a scene whether it be gaining access to a building to save a life or maybe forcing a door to get out of a building to save their own lives. This prop is not only for our department but will be available to our entire county including FF1 classes to help show new student proper forcible entry techniques.

Our Fire Department has been trying for this training prop for about 5 years. We have tried Fire House Sub grant, FEMA, as well as the united way

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-013

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Dennis S. Smith		**Pin Number:** 586638	**Date:** 1/15/2020
Name of Fire Department: City of Grand Blanc Fire Department **NFIRS #:** 2528			**County:** Genesee
Fire Department Street Address: 117 High Street			
City: Grand Blanc	**State:** Mi	**Zip Code:** 48439	**Email:** firechief@cityofgrandblanc.com
Applicant Phone Number: 810/603-7901		**Alternate Number:** 810/577-1113	

SECTION II

Course / Project Name: Rapid Intervention Team Props	**Amount Requested:** $8,346.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1407, 1401 and 1410	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 1/15/2020
Name of Applicant: Dennis S. Smith	**Email:** firechief@cityofgrandblanc.com
Fire Chief Signature:	**Date:** 1/15/2020
Name of Fire Chief: Dennis S. Smith	**Email:** firechief@cityofgrandblanc.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Grand Blanc City Fire Department
FY20 MFFTC Training/Equipment/Props Grant

1. **Intention.** The intent of the Grand Blanc City Fire Department is to purchase a rescue mannequin and a rapid intervention team system to further improve our training scenarios in the areas of search and rescue, firefighting maydays and rapid intervention crew training and prepare in the event of actual circumstances.

2. **Financial Grant Request.**

Item Requested	Cost
Rapid Intervention Team Kit	$ 6,715
Rugged Randy 165 lbs.	$ 1,631
Total Requested	$ 8,346

3. **Detail**

   a. **Elevate and Expand.** On April 10, 2019, Grand Blanc City Council voted to create the City of Grand Blanc Fire Department due to the dissolution of our joint fire department. The City's fire department began on July 25, 2019 at midnight. The City purchased a new engine, a new rescue squad and an used engine and the needed equipment within the financial constraints of the dissolution assets. The City was fortunate to have the Fire Station within city limits. Twenty two (22) firefighters in the community stepped up to support our department. The City graduated ten (10) firefighters in January 2020, and will graduate two (2) more in April 2020.

   Since July 25, 2019, the fire department had a whirlwind of expenditures. The City has done its best to prepare and budget for the fire department. A great deal of legal and upstart expenditures related to the creation were also incurred. We have been unable to purchase a few pieces of training equipment, including the rapid intervention team kit (non-hydraulic) and rugged Randy.

   This grant would allow for the purchase of the rapid intervention team kit (non-hydraulic) and Rugged Randy. This grant would allow our firefighters to begin training with greater practicality and greater training outcomes. The fire department's Lieutenant Patrick Murphy would conduct the firefighter training

for usage of the equipment. Lieutenant Murphy is an accomplished trainer and has been with the fire department since April 2019.

This grant would expand and elevate the training for our firefighters by utilizing a lifelike adult victim in numerous scenarios included confined spaces, collapsed buildings, smoke rooms, and ladder carry-down situations. Currently, our firefighters are using real humans or simulated bags, which cannot mimic real-life challenges. The rapid intervention team kit will include items for rescue tool, spreader arms, curved cutter, power cable, controller unit, power pack, battery charger and jumper cables.

The City fire department services four (4) major roads with over 100,000 vehicles on it daily. With this grant, our firefighters will be prepared with the kit items listed above and will be trained utilizing the Rugged Randy, the best lifelike representation to human in the fire industry.

b. **Pursuit.** The fire department obtained the vehicles and personal protection equipment since July 25, 2019. Due to the creation of the fire department, budgeted priorities included training firefighters, cadets and new firefighters, purchasing necessary vehicles, purchasing personal protection equipment and purchasing other key firefighter equipment. Purchase of the rapid intervention team kit and Rugged Randy is not budgeted in FY 2020 or 2021 budget years, which ends May 31st every year.

c. **Other Grants.** At this time, the fire department will continue to seek out grant funding opportunities, until FY 2022 or until budgeting priorities will allow for purchase of rapid intervention team kit and Rugged Randy. Budget priorities for FY 2020 and 2021 includes personal protection equipment and other key firefighter equipment.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
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Phone: 517-241-8847

FMG-015

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: MATT SMITH	**Pin Number:** 783034	**Date:** 1-15-2020
Name of Fire Department: GLADSTONE DPS **NFIRS #:** 02106		**County:** DELTA
Fire Department Street Address: 144 4TH AVE NE		
City: GLADSTONE **State:** MI	**Zip Code:** 49837	**Email:** pharmd.in.2008@gmail.com
Applicant Phone Number: (906) 280-2499	**Alternate Number:** (906) 420-8582	

SECTION II

Course / Project Name: FF I/II CERTIFICATION TRAINING	**Amount Requested:** $9,500

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 10	**Curriculum / Q-Course Number:** A25D
Total Capacity per Class: 20	**Total Hours per Class:** 3-3.5
Instructor Name(s): JIM LUNDBERG	

SECTION III

Applicant Signature: Matt	**Date:** 1-15-2020
Name of Applicant: MATT SMITH	**Email:** pharmd.in.2008@gmail.com
Fire Chief Signature: Matt	**Date:** 1-15-2020
Name of Fire Chief: MATT SMITH	**Email:** pharmd.in.2008@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. **Intent:** Funds received will be utilized to purchase a Bullex simulator, which will be used in fire extinguisher training (NFPA 1001) for candidates preparing for FF I & II examination.

2. **Request:** $9,500

3. **Explanation:**

    a. Receiving this grant would allow our department to close an educational gap that we have identified in our Fire Fighter I/II training program. The costs associated with using fire extinguishers for routine candidate training have limited us to verbal explanation and theoretical demonstration of NFPA 1001 skills. Hands-on training builds a level of comfort and understanding that cannot be achieved through reading or listening. Through routine use of fire extinguishers, our department may be able to more efficiently and effectively extinguish certain fires, and with less collateral property damage than water delivered via hose lines. The Bullex system would provide that hands-on training for our department, and once purchased should require minimal funding for upkeep and general maintenance, making it sustainable with our limited resources.
    b. This gap in training has been recognized for many years (>5), but the discovery of the Bullex training tool was only within the last few weeks. We are just beginning the process of pursuing this system.
    c. Our department, through the Delta County Fire Chiefs Association (of which I am a member) has pursued funding for general training equipment over the last 5 years. The Hannaville Indian Community of Harris, MI and the John & Melissa Besse Foundation of Gladstone, MI have both been very generous with our county fire service organizations. However, previous donations have been earmarked for other large purchases (fire apparatus, turnout gear etc.).

Thank you for your consideration.

Matt Smith
Fire Chief
Gladstone DPS – Volunteer Fire Department
144 4th Ave NE
Gladstone, MI 49837
NFIRS 02106

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-016

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Bradley M. Jackson	**Pin Number:** 620805	**Date:** 1-16-2020
Name of Fire Department: **NFIRS #:** Higgins Twp Fire/EMS 7304		**County:** Roscommon
Fire Department Street Address: 606 S. 5th St		
City: Roscommon **State:** MI	**Zip Code:** 48653	**Email:** Higginstwpfire@yahoo.com
Applicant Phone Number: 989-275-5229	**Alternate Number:** 989-302-6323	

SECTION II

Course / Project Name: HFFD Burn Building	**Amount Requested:** 10,000

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1403	**Curriculum / Q-Course Number:**
Total Capacity per Class: 20	**Total Hours per Class:** 8
Instructor Name(s):	

SECTION III

Applicant Signature: [signature]	**Date:** 1-16-2020
Name of Applicant: Bradley M. Jackson	**Email:** Draenslayer@Gmail.com
Fire Chief Signature: [signature]	**Date:** 1-16-2020
Name of Fire Chief: Timothy Mepham	**Email:** Higginstwpfire@yahoo.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Higgins Twp Fire/EMS Grant request FY 2020

It is the intention of the Higgins Twp Fire/EMS department to us the grant to build a 24X36 burn structure.

We are requesting the full $10,000 dollars to buy the materials and have additional materials on hand for the construction of a 24X36 burn building which is the equivelant of a 4 bedroom home with a trussed roof and we intend to add to the roof structure a ventilation simulator. Also, on the interior we plan to add simulators for, pulling ceilings as well as breaching walls. The exterior of the home will be OSB sheeted in order to hand the use and abuse of the aforementioned training. As part of the training we will have areas for confined area escape and any other simulations that we are able to incorporate.

This grant will benefit Higgins Twp Fire/EMS in many ways. The first of which is that any live fire training facilities are more than 50 miles from our location. This would not only benefit our members but the members of our mutual aid partners as well as many of the surrounding counties. It is not our intent to charge any currently qualified departments from being able to use the facility with arrangements to be made through our training division.

The only opportunity for any live fire training has been through the acquisition of donated buildings and they are extremely difficult to make proper per NFPA 1403 for live fire training. This building will be constructed with NFPA 1403 in mind throughout construction and to be free of any of the constraints that would be placed upon us by 1403. Materials being burned will only be natural materials.

We have not pursued any other funding in any way as the thoughts of such a building was thought to be out of our reach.

The building to be constructed is almost identical to the one currently being used by Lake Superior State University and it is my intention to seek guidance from the faculty of LSSU as we build and put this building to use.

We will be looking to use any remaining funds to send current instructors to ISFSI live fire training or be seeking to bring them to this area for the training to ensure we are compliant with the training.

FMG-018

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Fred Gilstorff	**Pin Number:** 606888	**Date:** 1/13/2020
Name of Fire Department: Peninsula Twp. Fire Dept **NFIRS #:** 02803		**County:** Grand Traverse
Fire Department Street Address: 14247 Center Rd.		
City: Traverse City	**State:** MI	**Zip Code:** 49686
Email: firechief@peninsulatownship.com		
Applicant Phone Number: 231-223-4443	**Alternate Number:** 231-463-0330	

SECTION II

Course / Project Name: OCC Flashover Trng.	**Amount Requested:** $9500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1403	**Curriculum / Q-Course Number:** Q 15A
Total Capacity per Class: 35	**Total Hours per Class:** 8 hours
Instructor Name(s): Oakland Community College Instructors – Phil Hall	

SECTION III

Applicant Signature: For Chief Fred Gilstorff	**Date:** January 17, 2020
Name of Applicant: Fire Chief Fred Gilstorff	**Email:** firechief@peninsulatownship.com
Fire Chief Signature: Fred Gilstorff	**Date:** January 17, 2020
Name of Fire Chief: Fred Gilstorff	**Email:** firechief@peninsulatownship.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Peninsula Township Fire Department
14247 Center Rd.
Traverse City, Michigan 49686
PH: 231-223-4443
firechief@peninsulatownship.com

Re: MFFTC Training Grant

January 17, 2020

The Peninsula Township Fire department is seeking a grant from the Michigan Firefighters Training Council to have a Flashover training program provided by Oakland Community College fire instructors for the staff of Peninsula Township fire department and surrounding departments.

The cost for this request is $9500.00 which includes instructor and equipment costs as well as fueling material for the burns.

The importance of this training is to help develop very important skills for the Peninsula Township firefighters. Firefighters in Peninsula Township do not get called for many working fires in the township and with restrictions as to the availability of live burns, our skills are not developed as they should be. This training will provide important experience and skills that can be used to increase our firefighter's skill and ability to work safer and decease the possibility of getting caught in a flashover situation which can be deadly. Another great asset to this training is for Peninsula Township firefighters to interact with neighboring firefighters learning from each other and building a knowledge of what other firefighters' capabilities are. Interoperability between departments in Northern Michigan is a must as we rely heavily on each other in fire suppression activities.

The goal of the OCC Flashover training is to provide students with the ability to recognize imminent flashover, ability to use techniques to delay flashover, learn survival skills, save lives and prevent injuries. The course content is broken down into five categories- safety procedures, flashover variables, flashover development, flashover vs. backdraft and survival techniques (See attached flyer for complete course description).

The Peninsula Township fire department is consistently looking to find grant opportunities to provide high levels of training to our firefighters, writing grants on a regular basis. We have written grants to FEMA for training equipment and have been part of regional grants for training equipment with no success.

The Peninsula Township fire department thanks the MFFTC for this opportunity to write this grant and hopes that our request is granted to better prepare our firefighters.

Sincerely,

Fire Chief Fred Gilstorff

OAKLAND FIRE TRAINING INSTITUTE
Combined Regional Emergency Services Training
Oakland Community College
2900 Featherstone Road • Auburn Hills, MI 48326-2845 • www.oaklandcc.edu/fire

OAKLAND FIRE TRAINING INSTITUTE

FLASHOVER TRAINING

COURSE DESCRIPTION: The Oakland Fire Training Institute offers a unique training experience that provides firefighters with the best live fire training program currently available to the fire service that can be transported to your community.

The Phase I Mobile Flashover Unit constructed by Swede Survival Systems™ is a laboratory, where fire behavior can be observed three feet below the fire floor. Instructors will demonstrate basic fire behavior using Class A combustibles (particle board). The fire is not influenced by artificial or individual factors and is the most cost effective, realistic fire training available.

Key points of the system include incipient phase of the fire, fire growth, smoke production, high and low pressure zones, thermal feedback, rollover and flashover. The students are shown, and can practice under working fire conditions, nozzle techniques that can be used in any interior setting. There can be multiple evolutions before the fuel load is depleted.

LEARNING OUTCOMES: Upon successful completion of the Flashover program, the firefighter will have:

- Learned how to recognize the dangers of gas ignitions using different methods (i.e. thermal imaging camera).
- Developed the skills necessary for a safe approach in both pre and post flashover situations.
- Demonstrated and become efficient in the use of nozzle techniques when encountering a flashover environment.

COURSE GOALS	COURSE CONTENT
• Recognition of an imminent flashover • Flashover delay techniques • Flashover survival techniques • Save lives • Prevent injury	• Safety procedures • Flashover variables • Flashover development • Flashover vs. Backdraft • Survival Techniques

All students must be a member of a fire department, have been mask fit tested within the year, have PPE, a full SCBA.

COURSE NAME: Flashover Training
DATE:
TIME:
COST:
LOCATION:

OAKLAND COMMUNITY COLLEGE
Community is our middle name.

TRAINING NOTICE

Fred

From: philip hall <ffpdhall@hotmail.com>
Sent: Thursday, January 16, 2020 8:17 AM
To: Fred
Cc: Majestic, Matthew M; Ginther, Rob; Ken Chesnut
Subject: Re: Flashover pricing OCC

Hi Chief,

The quote for Flashover for 2 days 35 people each day at your site will be $9,000. When you write your grant request you may want to include the cost of the OSB, which is the responsibility of the host agency. We use 6 sheets per burn. With the size of your groups we will conduct 4-5 burns per day. Please feel free to contact me with any questions or concerns.

Thank you again for your interest in training with OCC Fire Training, I look forward to working on this project with you.

Sincerely,

Phil Hall
OCC Fire Training

From: Fred <firechief@peninsulatownship.com>
Sent: Tuesday, January 14, 2020 12:08 PM
To: 'philip hall' <ffpdhall@hotmail.com>
Subject: RE: Flashover pricing OCC

Thanks Phil. Can I get a quote for two days, 35 people each day. Thank you.

From: philip hall <ffpdhall@hotmail.com>
Sent: Monday, January 13, 2020 4:31 PM
To: Firechief@peninsulatownship.com
Cc: Majestic, Matthew M <mmmajest@oaklandcc.edu>; Ken Chesnut (load227@charter.net) <load227@charter.net>
Subject: Fwd: Flashover pricing OCC

Chief Gilstorff,

Attached you will find a flyer that we recently sent to another department for their training. This should help you with the narrative for your grant application. Please feel free to contact us with any further questions or concerns. Ken and I will get a quote to you ASAP. Thank you for your interest in training with OCC.

Sincerely,

Phil Hall
OCC Fire Training

Get Outlook for iOS

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-020

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SECTION I

Name of Applicant: MICHAEL T. DEFINA, JR	**Pin Number:** 788666	**Date:** JANUARY 17TH, 2020
Name of Fire Department: AHMEEK VILLAGE VFD **NFIRS #:** 04201		**County:** KEWEENAW
Fire Department Street Address: 11 VIVIAN STREET		
City: AHMEEK	**State:** MICHIGAN	**Zip Code:** 49901
Email: Defina300@gmail.com		
Applicant Phone Number: 410-292-7669	**Alternate Number:**	

SECTION II

Course / Project Name: TRAINING EQUIPMENT	**Amount Requested:** $8,080.98

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Michael T. Defina Jr	**Date:** JANUARY 17TH 2020
Name of Applicant: MICHAEL T. DEFINA, JR.	**Email:** Defina300@gmail.com
Fire Chief Signature:	**Date:** 1-17-2020
Name of Fire Chief: MICHAEL MANINGA	**Email:** MikeManinga@yahoo.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

AHMEEK VILLAGE FIRE DEPARTMENT
FY20 Michigan Fire Fighters Training Council Training/Equipment/Props Grant

1. Granted equipment will be utilized for didactic presentations and practical evolutions in local structures as part of our training program in order to strengthen skills, maintain proficiency and build confidence, all of which are aimed at the reduction of firefighter injuries and enhanced job performance.

2. We are respectfully requesting $8,080.98, as follows:

Smoke Generator	$4,265.00	ETNA SG4000
Smoke Liquid	$533.00	LION LTP-SL020L
Rescue Mannequin	$2,102.00	LION Smart Dummy LTP-SD110
LCD Projector	$1,000.99	Epson PowerLite 525W EMP525W
Projector Screen	$179.99	GPX PJS909

3a. This FY20 MFFTC grant is vital to expanding the firefighting and rescue skills of our membership. Structure fires in our response areas occur only several times per year, thereby presenting themselves as low frequency/high risk events. As such, firefighting experience and proficiency levels are lacking. This in turn is a precursor to the propensity for line of duty injuries and deaths.

It is our intention to utilize the projector in a classroom setting during periods of severe inclement weather and prior to practical evolutions to reinforce the principles of safe, effective fireground operations and all job performance requirements, as specified within NFPA 1001. Included in these presentations will be statistics and case examples of firefighter injuries and deaths, in order to avoid these types of tragedies. A projector is an invaluable resource for effectively communicating objectives and facilitating member interaction during discussions.

The smoke generator and rescue mannequin will be utilized in a variety of scenarios to not only maintain proficiency and teach new skills while stressing responder safety, but also to bolster confidence levels of our members and ensure they are aware of their limitations. The establishment of a zero visibility environment enhances the realism of the training venue. Skills development will encompass the following topics:

-Proper use of personal protective equipment, to include self contained breathing apparatus
-Teamwork and crew resource management
-NIMS compliant incident management
-Personnel accountability
-Control of breathing with SCBA utilization
-Management of psychological effects while working in an obscured environment
-Search and rescue operations, to include victim disentanglement and safe removal
-Rapid intervention/mayday operations
-Hose line advancement
-Ventilation
-Thermal imaging

It is our belief that mastery of these basic skills are of paramount importance to the safe, efficient and effective operation of our organization.

3b. The Ahmeek Village Fire Department has been pursuing acquisition of this equipment for several years. However, our three annual fundraising events only realize enough income to barely cover our operating expenses. We do not receive any local tax funding.

3c. This is our first grant submission for this type of equipment. We have solicited area businesses to fund these items in the past, with no success. We have only two small retail establishments in our first due area. Community financial support is extremely limited, as nearly one third of our residents live below the poverty level and the unemployment rate of our county is 8.4%; the highest jobless rate in the state of Michigan, as of June, 2019.

Your consideration is greatly appreciated.

FMG-021

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Patrick C. Doran	**Pin Number:** 621694	**Date:** 1/9/2020
Name of Fire Department: Richland Township FD **NFIRS #:** 03917		**County:** Kalamazoo
Fire Department Street Address: 7401 N. 32nd Street		
City: Richland	**State:** MI	**Zip Code:** 49083
Email: PDoran5@Gmail.com		
Applicant Phone Number: 269-547-9079	**Alternate Number:** 269-629-4921	

SECTION II

Course / Project Name: RFD 2020 MFFTC Grant	**Amount Requested:** $9,688.00 TOTAL

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1002, 1001, 1410	**Curriculum / Q-Course Number:** Training Props / T304A MFFTS
Total Capacity per Class: 40	**Total Hours per Class:** 8
Instructor Name(s): Patrick Doran	

SECTION III

Applicant Signature:	**Date:** 1/9/2020
Name of Applicant: Patrick C. Doran	**Email:** PDoran5@Gmail.com
Fire Chief Signature: Gerald A Luedeking	**Date:** 1.9.2020
Name of Fire Chief: Gerald A Luedeking	**Email:** FireChief@RichlandTwp.Net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Memo

Richland Township Fire Department

January 18, 2020

To: Michigan Firefighters Training Counsel

From: Patrick C Doran, Lieutenant

R/E: FY20 MFFTC Grant

The Richland Township Fire Department (NFIRS #03917) is submitting the following for your consideration:

1) **Mutual Aid Tanker Shuttle Course funding of $440:** Free to all participants. Objective is to engage the rural fire departments in / out of county for a day of training to keep all departments consistent with tanker shuttle operations. Additionally, incorporate suburban departments for drafting purposes and exposure to tanker operations. (NFPA 1002 part 10)

2) **TFT SHO-FLOW GPM Flow Meter Props (1 ½ and 2 ½) $2,453:** For accurate GPM education with hose and nozzle combinations during pump operator trainings. Will be made available to Kalamazoo and other county fire departments when requested. These will be for training only. (NFPA 1410 part 8 and NFPA 1001 parts 3 and 4)

3) **Fire Dynamics Training Prop and Travel Case, $6,795:** A safe indoor mini live fire simulator. Firefighters can see and create different fire flow paths, vent limited fires, ventilation theory, compartmentation, etc. Will be used for Pub Ed., FD training and fire academy. Will be available to all county departments for use. (NFPA 1001 parts 3 and 4)

Total: $9,688.00

The Importance of the FY20 MFFTC Grant:

- The MATS course will allow for multiple departments to train on water tanker shuttles. The importance of our regional partners being consistent with tanker operations is important for scene management. Kalamazoo County has not offered a MATS course for many years. The RFD does provide a tanker shuttle training with neighboring departments, but the MFFTC version will be new to the area. The RFD is looking to take a lead on providing this training well into the future. We will also encourage suburban departments to participate to aid in their ability to draft and gain exposure to tanker shuttle operations, so we can better assist each other.

- GPM flow is critical for safe fire suppression. The "classic" hydraulic calculations with friction loss constants are no longer accurate (due to variances in hoses, nozzles and apparatus plumbing). Apparatus operators often pump the hose lines at less pressure than necessary to obtain a proper fire flow as a result. The proper placement and volume of water onto a fire will reduce that fire quicker. By having the two TFT SHO-FLOW GPM meters, we can test our hose and nozzle combinations. We will train our pump operators more accurately as a result. These meters will provide a better understanding of what our true GPM rates are with the various apparatus, hose and nozzle combinations. The meters can also be utilized with tanker shuttle training to estimate water need versus water availability. The RFD will make these meters available to other departments and the county fire academy.

- Fire flow path is becoming more understandable thanks to research. Many firefighter and civilian fatalities have been attributed to mistakes on the fire ground resulting in disastrous flow path change. The RFD is applying for the Flashpoint Fire Dynamics Simulator so we can safely teach (through kinesthetic learning) the principles of fire flow path. The training simulator is safe, portable, and allows for repeated sets and indoor use. The training prop can also demonstrate to citizens how sleeping with a closed bedroom door is important. The unit can be used at FD open houses, weekly training nights, and the annual firefighter academy. We will allow other departments to utilize this unit and budgeted for the sturdy transportation case as well.

The RFD has not previously applied for any training grants.

We have not tried to obtain these items via normal departmental budget processes, our training budget is quite limited.

There have been discussions over the years about a desire to obtain more training aids, and we have simply built them ourselves. Our training props include: a SCBA maze, door lock simulator, fire extinguisher trainer, K12 / chain saw simulator and rescue mannequin. We offer these props to our neighboring departments as well.

Thank You for your consideration

Patrick C. Doran

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-022

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Benjamin Rice		**Pin Number:** 591841	**Date:** 01/20/2020
Name of Fire Department: Addison Township Fire Department **NFIRS #:** 6301			**County:** Oakland
Fire Department Street Address: 4026 Forest			
City: Leonard	**State:** MI	**Zip Code:** 48367	**Email:** brice.atfd@gmail.com
Applicant Phone Number: 248-628-5600		**Alternate Number:** 810-278-1664	

SECTION II

Course / Project Name: Phase II Burn	**Amount Requested:** $3680.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001,1500,1021	**Curriculum / Q-Course Number:** Q15A, Q45F
Total Capacity per Class: 40	**Total Hours per Class:** 12
Instructor Name(s): OCC Instructors	

SECTION III

Applicant Signature:	**Date:** 01/20/2020
Name of Applicant: Benjamin Rice	**Email:** brice.atfd@gmail.com
Fire Chief Signature:	**Date:** 01/20/2020
Name of Fire Chief: Jerry Morawski	**Email:** jmorawski.atfd@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Addison Township Fire Department

4026 Forest St. Leonard, Michigan 48367 - Phone: (248) 628-5600 - Fax: (248) 628-5770 - Email: addisontwpfire@yahoo.com

Fire Chief Jerry Morawski

2020 MFFTC Training/Equipment Grant

- We are requesting funding from the 2020 MFFTC Training/Equipment Grant to provide Phase II burn and forcible entry training for Addison Township and surrounding Fire Departments.

- We are requesting $3,680.00 to provide this training opportunity. $3,400.00 will be the cost of the training from Oakland Community College. $130.00 will be for OSB boards to burn during the training. $150.00 will be used for nutritional supplement and hydration for the day long training.

- Last year we were able to secure funding from the 2019 Training Grant to provide Phase I Flashover training for 34 members from 6 regional departments. We are looking to secure funding to build off that training for the Phase II and forcible entry training. This will be our first attempt to get grant funding and bring out the Phase II training to our departments. With the decreased volume of Structure Fires for most departments training like this is instrumental to building experience for newer personnel as well as honing experience for more senior personnel. Regional live fire training such as this will allow us to build teamwork skills in addition to practical fire ground skills for departments that will be providing mutual aid service to one another. The departments that will be attending this training are Addison Township Fire Department, Almont Fire Department, Dryden Fire Department, Metamora Fire Department, Bruce/Romeo Fire Department, and Oakland Fire Department.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909 FMG-023
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Ray Delaney	**Pin Number:** 572356	**Date:** 01/27/2020
Name of Fire Department: Sterling Area Fire Department **NFIRS #:** 00601		**County:** Arenac
Fire Department Street Address: 510 State Street P.O. Box 168		
City: Sterling / **State:** Mi	**Zip Code:** 48659	**Email:** rcdelaney1@gmail.com
Applicant Phone Number: 989-213-7018	**Alternate Number:** 989-529-3002	

SECTION II

Course / Project Name: Forcible Entry Prop	**Amount Requested:** $7,285.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 5.3.4.A, 5.3.4.B	**Curriculum / Q-Course Number:** NA
Total Capacity per Class: NA	**Total Hours per Class:** NA
Instructor Name(s): NA	

SECTION III

Applicant Signature: Ray Delaney	**Date:** 1-20-2020
Name of Applicant: Ray Delaney	**Email:** rcdelaney1@gmail.com
Fire Chief Signature: Bill Nichols	**Date:** 1/20/2020
Name of Fire Chief: Bill Nichols	**Email:** nicholsbill97@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

2020 MFFTC Training/Equipment-Props Grant Application
Sterling Area Fire Department

Grant request is for a forcible entry door prop. It is full scale, and utilizes an inward and outward metal swinging door. The prop will be used for in both Arenac and Iosco counties' FF I and II classes, as well as county departments to use with in-house training.

Grant request is for $7,285.00, which is the price quoted by Firehouse Innovations, Corp., and includes shipping.

Currently, neither the Iosco nor Arenac County firefighter classes have much for props for students to have actual hands-on training. This prop will allow the students to visualize and perform forcible entry on both an inward and outward swinging door. The prop will also be shared amongst any of the five local fire departments in Arenac as well as surrounding counties to use for their in-house training. The departments and classes currently share a homemade roof ventilation structure, window assembly, and a propane, fire extinguisher prop, all with the help from donations.

Alone, none of the local fire departments have available funds to purchase such an item, and there is no feasible way to transfer and combine funds amongst departments, even if they could share in the cost. In Arenac County, Sterling, Standish and Moffatt Fire Departments have been applying for, and in some cases receiving, Tribal grants in the last few years, but those have all been for other, individual needs, such as SCBAs, turnout gear and communication equipment. With the MMFTC grant program being available, last year was the first time we applied for such a prop. Again, even though this application is listed under the Sterling Area Fire Department, the intent is that the prop is primarily for county-wide FF classes and individual departments' in-house training, and SAFD is only the fiduciary of the grant.

Thank you for your consideration.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-024

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Chris Mantels		**Pin Number:** 590414	**Date:** 1/12/2020
Name of Fire Department: **NFIRS #:** Saugatuck Township Fire District #00321			**County:** Allegan
Fire Department Street Address: 3342 Blue Star Highway			
City: Saugatuck	**State:** Michigan	**Zip Code:** 49453	**Email:** cmantels@saugatuckfire.org
Applicant Phone Number: 269-355-2451		**Alternate Number:** 269-857-3000	

SECTION II

Course / Project Name: Live Fire Training Facility Plating	**Amount Requested:** $10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1402 - Building Fire Service Training Centers	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: 20-30 Firefighters, estimated 400-500 annually	**Total Hours per Class:** 3 - 5
Instructor Name(s): Various Allegan and Ottawa County Fire Instructors	

SECTION III

Applicant Signature:	**Date:** 1/21/2020
Name of Applicant: Chris Mantels	**Email:** cmantels@saugatuckfire.org
Fire Chief Signature:	**Date:** 1/21/2020
Name of Fire Chief: Greg Janik	**Email:** gjanik@saugatuckfire.org

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Course ID	Tracking Number	Course Manager	MM/DD/YYYY

SAUGATUCK TOWNSHIP FIRE DISTRICT

Fire is Everyone's Fight™

Proudly serving : Douglas | Saugatuck | Saugatuck Township

3342 Blue Star Highway
Saugatuck, MI 49453
269 857-3000 / Fax: 269 857-1228
E-mail: office@saugatuckfire.org

January 17th, 2020

Re: MFFTC Saugatuck Fire - Live Fire Training Facility Plating - Grant Addendums

1. Saugatuck Fire is requesting funding to install steel plating in two additional burn rooms in our Live Fire Training Facility in compliance with NFPA 1402, structural protective lining system.

2. $10,000.00

3.

   A. The ongoing training of firefighters and incident commanders in compliance with NFPA 1403 is the cornerstone of good fire protection in today's world. The benefits derived from live fire training are better trained and proficient firefighters with enhanced skill levels in fire dynamics, safety, fire behavior, water supply, flow path & control, impact of wind, pump operations, drafting, ventilation, incident command, and hazards such as flashover, backdraft and smoke explosion. There is no substitute for supervised live fire training that provides controlled high-heat and zero visibility smoke conditions. When awarded, Saugatuck Fire will plate two additional rooms in the newly constructed Live Fire Training Facility (LFTF).

   B. We have been attempting to complete this project for almost 10 years, and with community donations, were able to construct three of the eight rooms of the facility in 2019. Sadly, our funding ran short to complete the additional rooms and we feel we have exhausted supplemental funding by donations. These additional two rooms will greatly extend the life of the facility by rotating training evolutions and enhance firefighter training skills by practicing in different rooms.

   C. Saugatuck Fire has reached out to several organizations for funding assistance with completing all five remaining rooms. The significant costs of steel and on-site fabrication have been a major deterrent resulting in reduced grant opportunities along with today's competitiveness in grant funding. We have been denied grant funding be Michigan Municipal Risk Management Authority, and approached Allegan County Emergency Management, however, the project was beyond the scope of their grant criteria.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-025

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Matthew Rian		**Pin Number:** 567773	**Date:** 1/17/2020 ,
Name of Fire Department: Escanaba Twp. Vol. F.D. **NFIRS #:** 02112			**County:** Delta
Fire Department Street Address: 4618 County 416 20th Road			
City: Gladstone	**State:** MI	**Zip Code:** 49837	**Email:** escanabatwpfd@outlook.com
Applicant Phone Number: 9063992757		**Alternate Number:** 9067866200	

SECTION II

Course / Project Name: Firefighter I, II, HMO Props	**Amount Requested:** 9,500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001:4.3.16	**Curriculum / Q-Course Number:** A25E
Total Capacity per Class: 20	**Total Hours per Class:** 3.5
Instructor Name(s): James Lundberg	

SECTION III

Applicant Signature:	**Date:** 1/17/2020
Name of Applicant: Matthew Rian	**Email:** drdoojr@gmail.com
Fire Chief Signature:	**Date:** 1/17/2020
Name of Fire Chief: Matthew Rian	**Email:** escanabatwpfd@outlook.com

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Course ID	Tracking Number	Course Manager	MM/DD/YYYY

To: Michigan Fire Fighters Training Council
From: Assistant Training Officer Escanaba Township Fire Department

January 17, 2020

To Whom It May Concern:

As an assistant training officer of the Escanaba Township Fire Department, and on behalf of all of Delta County fire fighters, I am submitting an application for funding of $9,500 from the grant money of FY20 Michigan Fire Fighters Training Council Grant Program.

The monies will be used to purchase live fire extinguisher props for the departments in the county to train veterans of our firefighting service, as well as train our new cadets for fire fighter one (1) and fire fighter two (2) classes that are in session throughout the year.

The training in the Delta County area has been an intricate part of our strong partnership with the surrounding area. We do not have any major cities to rely on as far as fire protection, but a large number of volunteer fire fighters with a very large area to cover.
As an example, in 2016 we applied for and received grant money from a local foundation to purchase the Jaws of Life. With the training we received from a certified officer to use the equipment, a number of lives have been saved rather than lost.

As of this date we have twelve (12) departments in Delta County averaging twenty (20) fire fighters per department, with ten (10) cadets across the county taking the Fire Fighter one (1) and two (2) courses. With the addition of props to teach the veterans, as well as the cadets, new techniques on the use of any piece of equipment is very important.

We have been fortunate in our small community to have a number of grants available to organizations in our area. The Delta County Community Foundation as well as the Sackerson Foundation has awarded our department a number of small grants, no more than $1,500, for equipment used for our members such as gloves, radios and other smaller items that we have needed with that grant money over the years.

Two other organizations that have donated a larger amount of monies to local fire departments has been the Hanniville Indian Community, the Two Percent (2%) Grant and the Besse Foundation. The monies that have been donated to local communities has been a tremendous boost as far as larger items, such as ladders, hoses, up dated fire gear that the budgets of local fire organizations cannot afford due to small budgets.

Our fire services have been very fortunate to have these resources to draw from, however these above-mentioned organizations have a large number of other community programs to support.

As a representative of our area fire departments, I appreciate the opportunity to ask for these funds and hope you will take into consideration our critical need for equipment to help further our training.

Thank you,

Matthew Rian, Fire Chief Escanaba Township Fire Department

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-026

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SECTION I

Name of Applicant: Bill Coty		**Pin Number:** ~~2906~~ 567430	**Date:** January 13th, 2020
Name of Fire Department: Saint Louis Area Fire Department **NFIRS #:** 2906			**County:** Gratiot
Fire Department Street Address: 220 South Main			
City: Saint Louis	**State:** Michigan	**Zip Code:** 48880	**Email:** gratiotfiretraining@gmail.com
Applicant Phone Number: (989)620-5788		**Alternate Number:**	

SECTION II

Course / Project Name: Forcible Entry Prop	**Amount Requested:** $7975.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001	**Curriculum / Q-Course Number:**
Total Capacity per Class: 1000's	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** January 13th 2020
Name of Applicant: Bill Coty	**Email:** gratiotfiretraining@gmail.com
Fire Chief Signature:	**Date:** January 13th 2020
Name of Fire Chief: Richard Apps	**Email:** rapps@stlouismi.com

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Course ID	Tracking Number	Course Manager	MM/DD/YYYY

ST. LOUIS AREA FIRE DEPT.

PROUDLY SERVING: CITY OF ST. LOUIS • BETHANY TOWNSHIP • JASPER TOWNSHIP • PINE RIVER TOWNSHIP

PHONE: 989.681.8394
FAX: 989.681.8395

Michigan Fire Fighter Training Council Grant Request:

1. Our Grant request is for a Forcible Entry Training Prop, A device to train firefighters on forcible entry technique. Videos and power points can not simulate forcible entry. A true prop of this type to be shared and utilized through out the surrounding counties will increase skill levels across a multi county area.

2. Funding request of $7975.00

3. A.) Forcible entry is a hands on technique and at times a true art. Like all aspects of our job, power points and You Tube video are not sufficient in developing skilled firefighters. I have spoken with Training Officers and CTC's from Isabella, Clinton, and Saginaw County's. I'm told none have a Forcible Entry Training Prop for their own departments or their training academies. This means the majority of Central Michigan's firefighters are coming through academy without any type Forcible Entry experience. This Grant will allow for that correction. The Grant we are proposing would be stored, maintained and utilized by Saint Louis Fire in Gratiot County, but would be made available (within reason) to local departments and counties surrounding us also.

   B.) A Forcible Entry Prop has been on the needs list within our department and county for 10+ years. Funding has not been available.

   C.) Gratiot County has used 100% of its county allocation funds through the MFFTC for many years. We then right grants through the Gratiot Community Foundation, The Luneack Family Foundation, Etc. for training fund shorts falls to fulfill our training requirements. This year we have wrote grants for nearly $5000.00 to cover basic training shortfalls. Therefor we are always pursuing grants for training. A tool of this magnitude has just been out of reach.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-029

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SECTION I

Name of Applicant: Andre Doser		**Pin Number:** 619698	**Date:** 01/21/2020
Name of Fire Department: Battle Creek Fire Department **NFIRS #:** 1303			**County:** Calhoun
Fire Department Street Address: 195 E. Michigan			
City: Battle Creek	**State:** MI	**Zip Code:** 49014	**Email:** agdoser@battlecreekmi.gov
Applicant Phone Number: 2699663462		**Alternate Number:** 5865240687	

SECTION II

Course / Project Name: Flashover Training	**Amount Requested:** $9989

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1402, 1403	**Curriculum / Q-Course Number:** Q15A
Total Capacity per Class: 24	**Total Hours per Class:** 3
Instructor Name(s): OCC Crest Staff	

SECTION III

Applicant Signature:	**Date:** 01/21/2020
Name of Applicant: Andre Doser	**Email:** agdoser@battlecreekmi.gov
Fire Chief Signature: Brian Sturdivant	**Date:** 01/21/2020
Name of Fire Chief: Brian Sturdivant	**Email:** besturdivant@battlecreekmi.gov

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Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

We intend to utilize this grant to host the OCC CREST staff as they conduct live-fire flashover training course Q15A. Q15A will focus directly on improving hands-on firefighter skills.

2. **How much money are you requesting to fund your grant?**

We are requesting a total of $9988. Of this $9500 is the fee payable to OCC to cover travel, expenses, and instruction. The remaining $488 is for the cost of consumable OSB for use during the training and was not included in the quote provided by OCC.

3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

The Battle Creek Fire Department Suppression Division consists of 70 uniformed personnel. This training would provide invaluable insight into the conditions and precursors present leading up to a hostile fire event. Training in recognizing these conditions early will undoubtedly lead to safer operations on the fireground as we continue to enhance critical officer development skills.

   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**

The Battle Creek Fire Department has been proactively seeking to educate its' members through live fire training since 2015 with little success. Due to the fact that Calhoun County and BCFD lack an appropriate NFPA 1403 compliant fixed facility for live fire training, we have turned to regional partners in the past to attempt to obtain live fire training. Despite regional partners' efforts to assist, the primary obstacle has been the nearly 700 staff hours of overtime necessary to transport and train Firefighters outside the City of Battle Creek while still providing emergency services coverage to residents. The portable nature of the OCC Flashover Simulator will eliminate a major hurdle to obtaining this crucial training by significantly lowering overall costs to the department.

   c. **Have you pursued other grants or funding options? If yes, please explain.**

In the recent past we have attempted to uncover grants that would offset or fund the cost of this training. This has proven to be a somewhat difficult task as course Q15A heavily focuses on practical instruction whereas most grant applications tend to focus more on equipment purchases. As such, we are currently attempting to allocate funds from the Fire Department general fund to cover the costs, however, we have been unsuccessful to date.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-030

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Nicholas Karnack	**Pin Number:** 762 700	**Date:** 01/21/2020
Name of Fire Department: West Iron County Fire Dept **NFIRS #:** 03609		**County:** Iron
Fire Department Street Address: 640 N 9th Ave		

City: Iron River	**State:** MI	**Zip Code:** 49935	**Email:** westironcountyfd@gmail.com
Applicant Phone Number: 906-265-5720		**Alternate Number:** 906-281-3941	

SECTION II

Course / Project Name:	**Amount Requested:**

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1402/1403/1404/1670/2500	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Nicholas Karnack	**Date:** 01/21/2020
Name of Applicant: Nicholas Karnack	**Email:** nkarnack@yahoo.com
Fire Chief Signature:	**Date:** 1-21-2020
Name of Fire Chief: KEVIN DRIER	**Email:** westironcountyfd@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training/Equipment/Prop Grant Application:

We are requesting $10,000.00

With this grant, we intend to build training props such as a reusable roof for ventilation exercises. As well as the production of a live fire training room.

This grant is important to elevating the skills of our members due to the department being a small volunteer organization, with limited funds and resources. Our yearly calls are separated by sizeable downtime and this time would be beneficial for hands on training revolutions involving realistic props and structures.

Our department has been looking into such training for approximately 2 years. We have attempted other grants through online resources but have yet to been awarded. However, we have received minor donations from local businesses.

Thank you

Nick Karnack, Training Officer

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-033

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Matthew T Fruchey		**Pin Number:** 614002	**Date:** 01/21/2020
Name of Fire Department: Beaverton Area Fire Department **NFIRS #:** 2601			**County:** Gladwin
Fire Department Street Address: 4278 M-18			
City: Beaverton	**State:** Michigan	**Zip Code:** 48612	**Email:** beavertonfiredepartment@ispmgt.com
Applicant Phone Number: 989-387-1737		**Alternate Number:** 989-435-9854	

SECTION II

Course / Project Name: Multi-functionTraining Facility	**Amount Requested:** $9900.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 1/21/2020
Name of Applicant: Matthew T Fruchey	**Email:** mfruchey@charter.net
Fire Chief Signature:	**Date:** 1/21/2020
Name of Fire Chief: Matthew T Fruchey	**Email:** mfruchey@charter.net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training Equipment Props Grant Application

Beaverton Area Fire Department- 2601
Matthew T. Fruchey- Chief
Cell 989-387-1737

1. Beaverton Area Fire Department intends to use the FY20 MFFTC Grant to purchase materials and construct a Training Building. Using retired shipping containers our building will have moveable panels, offering variables to provide the training needed for our department to meet and exceed the NFPA guidelines.

2. Requesting $9900.00 for materials and equipment to construct a stationary training Building.

3. As a chief of a rural volunteer department our exposure to the real-life fire behavior and fire attack is limited. Our crews work diligently to improve skills however live fire is only available to us on a limited frequency. The 2019 grant award greatly improved our ability to create these situations in a safe manner with the addition of the Bullex Digital Training system. Our department, as well as those in our county and surrounding areas have benefitted significantly from it. This equipment paired with available structures have helped immensely in exposing our responders to the most realistic environment while still maintaining safety in our training evolutions. The problem we have found is locating and acquiring the structures to continue to evolve and develop new training events.
With this year's option for grant awards to go towards department props, it hits specifically on a need we have.
Our department has looked with envy on the training facilities of larger departments and desperately wanted one for ourselves. With cost, the feasibility of this has always been placed lower with gear, equipment and other expenses taking higher priority. Additionally, past funds for this type of item has been limited at best and not an option we have been able to utilize. I commend the MFFTC's vision in seeing a need and allowing departments to apply for this type of resource. We looked at several options and what we've found is that the $10,000 is not enough to buy a pre-built system but as a department we are able to buy the shipping containers, materials and all needed items to make our training faciality a reality and at a price that falls within the grant limitation.
I mentioned earlier of the rural department and limitations to funds and fire incident exposure, what we do have in excess is a high commitment to our improvement, the safety of our community and selves, as well as talents in multiple trades that many departments do not. Our membership comes from varied specialties in their "professional" life and bring that back to share with the department in a way that is unique to the volunteer fire service. That is why after much conversation and planning, the department was excited to look at this project as yes, a challenge but more importantly a way to improve our department now and into the future.
In the bidding process I have priced shipping containers, delivery, setup, and supplies needed to create a functional facility. These supplies include materials to enhance the training environment and offer multiple options for training rotations to include movable panels and platforms to offer many scenarios. This paired with the Bullex System and Rescue Randy from the 2018 grant we continue to expand and improve our training abilities. Thank you again for this opportunity, please feel free to contact for any questions, as I fully understand that this is probably not the normal request the council has seen but one our membership is prepared to undertake.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-034

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Doug Bourgeois		Pin Number: 615322	Date: 01/22/2020
Name of Fire Department: Beaver Creek Fire Dept. NFIRS #: 2006			County: Crawford
Fire Department Street Address: 8972 S. Grayling Rd			
City: Grayling	State: MI	Zip Code: 49738	Email: dougbtkd@comcast.net
Applicant Phone Number: 989-275-8548		Alternate Number: 248-894-9162	

SECTION II

Course / Project Name: Improve training facility	Amount Requested: 8,850

Application Questions: Please attach your responses as a separate document.

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?
2. How much money are you requesting to fund your grant?
3. Please share in detail (using 500 words or less):
   a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?
   b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?
   c. Have you pursued other grants or funding options? If yes, please explain.

Applicable NFPA Standard(s): NFPA 1403, 1001,	Curriculum / Q-Course Number: N/A
Total Capacity per Class: N/A	Total Hours per Class: N/A
Instructor Name(s): Bourgeois	

SECTION III

Applicant Signature:	Date: 01/22/2020
Name of Applicant: Doug Bourgeois	Email: dougbtkd@comcast.net
Fire Chief Signature:	Date: 01/22/2020
Name of Fire Chief: Doug Bourgeois	Email: dougbtkd@comcast.net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

BEAVER CREEK FIRE DEPARTMENT

8972 S. Grayling Road, Grayling, Michigan 49738-8089

989.275.8548 * BCFD@beavercreektownship.com

Fire Chief Doug Bourgeois * dbourgeois@beavercreektownship.com

Application question #1 (50 words or less)

We will expand and improve our burn/search and rescue building training area. We will add an additional container to our two containers and set all of them for second story firefighting, search and rescue and high angle rescue for all firefighters in Crawford and Roscommon counties.

Application question #2

Items needed to complete construction of training facility:

14 yards concrete	$2,000
Materials	$ 250
40 ft. shipping container	$2,500
Shipping	$ 300
Steel for welding	$ 200
Welding supplies	$ 200
Piping for sprinkler system	$ 600
Labor for welder	$ 800
Crane cost	$2,500
TOTAL	$ 9,350
BCFD monies	-$500
ASKING FOR	$8,850

Application question #3 (500 words or less)

The addition of one shipping container and the setting of all three containers, concrete slab, fire suppression piping and interior and exterior stairwell will:

BEAVER CREEK FIRE DEPARTMENT
8972 S. Grayling Road, Grayling, Michigan 49738-8089
989.275.8548 * BCFD@beavercreektownship.com
Fire Chief Doug Bourgeois * dbourgeois@beavercreektownship.com

a. Improved and expanded firefighting skills by giving the firefighters more hands on and realistic training relating to second story fire suppression, hose advancement, search, and rescue. We currently have a single story cinder block burn building and by adding 3 shipping containers, stairwells, second story rooms and windows we will expand the training scenario available to our firefighters as well as any firefighters in both Crawford and Roscommon Counties including the county fire academy. We understand that this is a department grant but this could positively affect the training opportunities of 100 firefighters in Crawford County and 160 in Roscommon County because we will allow all departments use of the facility, as we have always done in the past.

Upon receiving the funds, our updated training facility would have a fully sprinkled first floor, stair well and second floor live burn and search and rescue area. We would also have a 40-foot tall high angle rescue area as well as our existing underground confined space area.

b. We have been trying for 3 years to improve the training facility that is at Beaver Creek Fire Department and is used by all 5 departments in Crawford County and the county fire academy. We did obtain two shipping containers last year as a gift from a large local manufacturing business but do not have the funds to set the concrete pads to properly balance and secure the First story, second story and high angle canisters. We also need funds for the crane to set the containers and a professional welder to secure them to each other. BCFD has line itemed $500 this year (FY2020) to start the process which we will take off of the grant request. I have three Fire Instructor II, two on Beaver Creek Fire and one on Lyon Fire, who will be arranging and conducting a majority of the training at the facility.

c. We applied for a grant to the Fire Fighter Training Division last year but were denied because two of the fire departments in our county were not current in NFIRS.

Conclusion: Thank you for the training opportunities the Michigan Fire Fighter Training Divisions council has made for BCFD and all firefighters in Michigan by reallocating the un-used fireworks fund in the form of a grant. The

BEAVER CREEK FIRE DEPARTMENT
8972 S. Grayling Road, Grayling, Michigan 49738-8089
989.275.8548 * BCFD@beavercreektownship.com
Fire Chief Doug Bourgeois * dbourgeois@beavercreektownship.com

councils hard work on all of the training classes and certifications is greatly appreciated by those of us who are paying attention and have a genuine concern for firefighter training and safety.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-038

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Bryan Ferguson		**Pin Number:** 599615	**Date:** 1/23/2020
Name of Fire Department: **NFIRS #:** Glen Lake Fire Department #04503			**County:** Leelanau
Fire Department Street Address: 6401 W. State Street			
City: Glen Arbor	**State:** MI	**Zip Code:** 49636	**Email:** bryanferguson@glenlakefire.org
Applicant Phone Number: 231-334-3279		**Alternate Number:** 231-334-3278	

SECTION II

Course / Project Name: Forcible Entry Door and Smoke Machine	**Amount Requested:** $9,500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Bry Ferg	**Date:** 01-23-2020
Name of Applicant: Bryan Ferguson	**Email:** bryanferguson@glenlakefire.org
Fire Chief Signature: Bry Ferg	**Date:** 01-23-2020
Name of Fire Chief: Bryan Ferguson	**Email:** bryanferguson@glenlakefire.org

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

Glen Lake Fire Department
PO Box 212
Glen Arbor, MI 49636

(P) 231-334-3279
(F) 231-334-4050

FY20 MFFTC Training/Equipment/Props Grant Application

1. The Glen Lake Fire Department would like to purchase a Forceable Entry Door Simulator (Multi-Force Door) and a firefighting smoke machine (Battle Fogger) to incorporate with our existing on-site training structure. This equipment would also be available to loan to departments within Leelanau and Benzie counties and the RTC in Traverse City.

2. The Multi-Force Breaching Door, tools, supplies and the Battle Fogger smoke machine can be purchased for $9,500.00

3. A . The forceable entry door will give members real life experience on how to open locked doors of all kinds, a skill that simply can't be practiced without such a tool. We often do not have the opportunity to practice forceable entry due to the low numbers of acquired structures, and limited doors compared to students. The smoke machine will allow us to create low visibility situations in our 3-story training structure, so our members are accustomed to working in such an environment when they experience it on the fireground.

   B. The Glen Lake Fire Department has been attempting to seek funding for a door breaching trainer for close to ten years. We have fashioned our own forceable entry prop in a crude manner that allows for breaking a 2x4 but not actually forcing a door, nowhere near the full spectrum that a Multi-Force door would allow. In the past we have had multiple "party" fog machines, just not anything professional grade or anything that would last or fill our training building to near zero visibility conditions.

   C. Yes, the Glen Lake Fire Department applied for this grant last year for the "Multi-Force Door" alone.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-039

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Guy Hubbard		**Pin Number:** 555057	**Date:** 1/23/2020
Name of Fire Department: Perry Area Fire Rescue **NFIRS #:** 7809			**County:** Shiawassee
Fire Department Street Address: 145 S. Main St.			
City: Perry	**State:** MI	**Zip Code:** 48872	**Email:** ghubbard@perryareafirerescue.com
Applicant Phone Number: 517-202-2820		**Alternate Number:** 517-625-7611	

SECTION II

Course / Project Name: Q47C - LCC Live Fire Attack	**Amount Requested:** 10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:** Q47C
Total Capacity per Class: 16	**Total Hours per Class:** 4
Instructor Name(s): Bill Pollack - LCC Staff	

SECTION III

Applicant Signature:	**Date:** 1/23/2020
Name of Applicant: Guy Hubbard	**Email:** ghubbard@perryareafirerescue.com
Fire Chief Signature:	**Date:** 1/23/2020
Name of Fire Chief: Guy Hubbard	**Email:** ghubbard@perryareafirerescue.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Applicant Name: Guy Hubbard PIN: 555057

Fire Department: Perry Area Fire Rescue County: Shiawassee

Application Questions:

1. Intent to use the 2020 MFFTC Training Grant.
   We intend on sending our firefighters to the LCC Live fire training class, scheduling the class twice.
2. How much money is being requested?
   We are requesting $10,000.00 to pay for having the class held twice to accommodate all of our paid-on-call staff.
3. Details.
   LCC has partnered with area fire departments and built a building to allow for training on live fire in a safe manner. We would like to get enough funds to hold the class on two separate occasions to ensure that all/or most of our firefighters are able to attend. Because of the limited number of structure fires that our department employees are exposed to this type of training is critical to us and the fire service today. A firefighter needs to have the opportunity to experience the heat and lack of visibility in a safe and controlled manner before having to do the job at a real structure fire.
   We haven't had the funds or the opportunity to attend a class like this before, so the requested funds would allow for our attendance. If we aren't able to fill both classes we will of course allow other fire departments to send their employees as well, that is if they are NFIRS compliant.

Thank You for your consideration.

Chief Guy Hubbard
Perry Area Fire Department

FMG-042

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Charles Haines	**Pin Number:** 582650	**Date:** Jan. 23, 2020
Name of Fire Department: White Pigeon Fire Department **NFIRS #:** 07511		**County:** St. Joseph
Fire Department Street Address: 16975 US 12		
City: White Pigeon	**State:** MI.	**Zip Code:** 49099
Email: tombstone599@hotmail.com		
Applicant Phone Number: 269-506-6518	**Alternate Number:** 269-483-9414	

SECTION II

Course / Project Name: King Ceiling Prop System	**Amount Requested:** 10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1403, NFPA 1500, NFPA 1001	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Charles Haines	**Date:** Jan 23, 2020
Name of Applicant: Charles Haines	**Email:** tombstone599@hotmail.com
Fire Chief Signature: [signature]	**Date:** 1/21/2020
Name of Fire Chief: Troy Andrews	**Email:** fire@whitepigeontwp.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

White Pigeon Township Fire Rescue

16975 U.S. 12

White Pigeon Mi. 49099

Intent for Grant Funding

The purchase of a King Training Prop Simulator, it will give the department and County Training Instructors the ability to teach techniques, practice in a safe and controlled environment.

The prop system can be moved station to station, apparatus floors or to any training grounds.

Respectfully,

Chief Andrews

White Pigeon Township Fire Rescue

16975 U.S. 12

White Pigeon Mi. 49099

Funding Requested

White Pigeon Fire Department is requesting the maximum amount for the grant at **10,000.00** dollars.

Complete cost of the Prop Simulator is 19,100.00 dollars; this grant would make it possible to purchase the full entire system with trailer for mobility.

Respectfully

Chief Andrews

White Pigeon Township Fire Rescue

16975 U.S. 12

White Pigeon Mi. 49099

Importance

This Grant will give us the ability purchases a complete King Training Prop Simulator for all firefighters and academy recruits to perform and train in a safe and controlled environment.

Currently the only way to train our firefighters and training cadets in non-emergency situations for overhaul and ceiling pulls, breaching walls, roof cuts, ect has been in condemned or donated vacant buildings, which are being very hard to acquire and make safe for training per N.F.P.A. 1403.

The easy ability of movement and set up design of all the props, they can be placed anywhere you would like to train. The system can be moved station to station, any apparatus floor, or to any training grounds. The system design also allows for quick and realistic resistance when punching thru with any forcible entry tool.

The White Pigeon Fire Department has been the host of the St. Joseph County Fire Training Academy for 22 years.

The department membership not only wants a better system for training firefighters, but also wants to acquire a prop system that can be used also by all Certified Instructors to teach the needed skills to academy recruits for preparation to becoming certified firefighters.

This is why the importance of a mobile system, to have the ability for all county departments to utilize the props, to help them train aggressively, but simulates real world movements, skills and techniques in a safe and controlled environment.

The Journey

The White Pigeon fire department membership has been pursuing a system for approximately 2 years that would do Roof Prop scenarios. However ran across the King Ceiling Props System that covers ceilings, roofs, rebar cut stations, garage door props, sprinkler props and metal siding cut jigs, and a few others. This is the system to have, also finding that it is being utilized by so many large and small fire departments and training academies thru-out the entire United States.

The feedback from some department after asking was pretty much all the same; it enhanced the safety and moral of the older firefighters and the new recruits. Training on the scenarios was fun and realistic, teamwork building and performance skills increased more than one could imagine.

The King Ceiling Prop system was designed by Chicago firefighters and currently being used thru-out the entire United States. Many State

Colleges utilize it in their training programs and the State of Indiana (DHS) just purchased 10 systems to be utilized. The list of major departments utilizing this exact system includes Indianapolis, Chicago, Fort Worth Texas, Fredrick County VA, Fort Meyers Beach Florida, Illinois Fire Service Institute, South Bend Indiana, and so many others.

Funding Options

Currently the funding options in place are holding pancake breakfasts, donations to the fire department, and annual summer festival activities.

With this grant and combined money saved for this project the entire system can be bought and put into service.

Respectfully,

Chief Andrews

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-043

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Charles M. Barron II		**Pin Number:** 610810	**Date:** 01/23/2020
Name of Fire Department: Manistee Twp. Fire Dept. **NFIRS #:** 5110			**County:** Manistee
Fire Department Street Address: 1331 Hill Road			
City: Manistee	**State:** MI	**Zip Code:** 49660	**Email:** mtfd1301@gmail.com
Applicant Phone Number: (231)-510-0726		**Alternate Number:** (231) 723-2211 x3133	

SECTION II

Course / Project Name: Manistee County Training Facility	**Amount Requested:** $9,500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

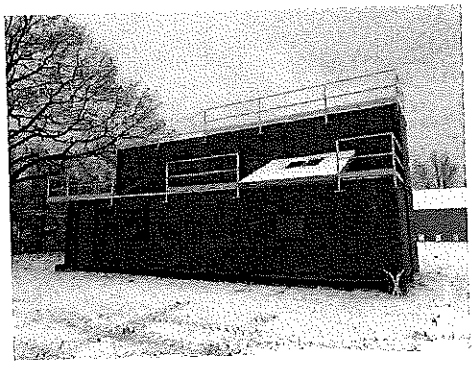
Applicable NFPA Standard(s): 1402	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 01/23/2020
Name of Applicant: Charles M. Barron II	**Email:** mtfd1301@gmail.com
Fire Chief Signature:	**Date:** 01/23/2020
Name of Fire Chief: Charles M. Barron II	**Email:** mtfd1301@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY



1. **Please detail in (50 words or less) what you intend to do with your 2020 MFFTC Training Grant?**
   This request seeks to secure additional funds for interior stairwells, two steel staircases with walls, steel doors, and handrails on first and second level, staircase roof opening with hinged cover, 42" handrail around three sides of roof opening with safety chains, and a ceiling knockout below the ventilation roof area.

2. **How much money are you requesting to fund your grant?**
   We are requesting $9,500.

3. **Please share in detail (using 500 words or less):**
   a. **Why this FY 20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

   The purpose of this fire training facility is to provide realistic hands on training in a controlled environment. It is used by the Manistee County Fire Fighters Association Fire Academy on a semi-annual basis. In addition to students from Manistee County, the academy often includes students from the surrounding counties of Lake, Benzie, Wexford, and Mason. The facility is positioned next to the Manistee Township Fire Department, which was renovated in 2013 to provide a classroom and restroom facilities to host classes up to 25 students. This location along with the training facility provides an ideal location for hosting regional and statewide classes needing both classroom and practical facilities.

   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   We have been working on this training facility for the past 6 years.

   c. **Have you pursued other grants or funding options? If yes, please explain.**

   Yes, in 2014 we secured the 3 conex containers for the basic structure through a state funded grant. We applied to the local revenue sharing board in 2015 to secure additional features, such as footings, placement of containers on footings, pitched roof with chop out area, handrails, safety chains, outside stairwell, and doors. Painting of the facility was done by mostly the local troubled youth under supervision of their group supervisors and the members of the Manistee Township Fire Department. The paint was provided by the Manistee County Fire Fighters Association as well as the six window openings. The association recently provided additional funding for installing a standpipe system to include sprinklers and four floor drains.

Completed to date

Secure 3ea 40' conexs (State Grant)

Secure poured footing to support conexs (Revenue Sharing Funding)

Place conexs on footings (Revenue Sharing Funding)

Install metal plates at the bottoms of each container to secure to the concrete and each other (Revenue Sharing Funding)

Install 3 exterior steel doors with steel frames and keyed locksets (Revenue Sharing Funding)

Install steel staircase on east end of facility with concrete footing and pad, construct steel landing at second level. (Revenue Sharing Funding)

Install steel door and frame between two lower containers (Revenue Sharing Funding)

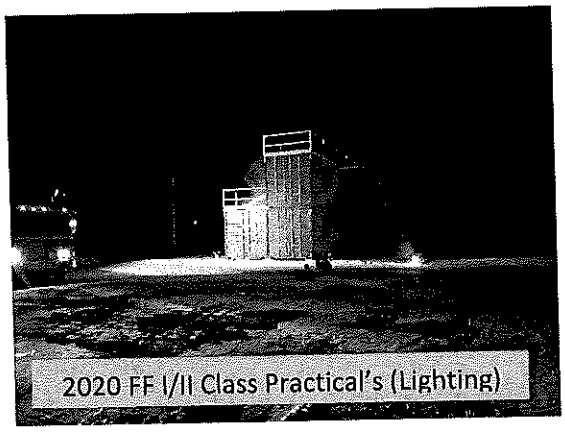
Install 5/12 pitched shingled roof with replaceable chop out area approximately 10' wide (Revenue Sharing Funding)

Install 42" handrail with ¼"x 6" toe kick on both roof levels with two safety chained access points on each level. (Revenue Sharing Funding)

Paint all staircase and all handrails safety yellow – (youth group)

Paint all exterior surfaces red – (youth group) only 2/3 completed, completed by MTFD personal

Install 6 windows that hinge and swing open, secured in open and shut positions. Utilizing container cutout materials for windows. (Manistee County Fire Association)



2020 FF I/II Class Practical's (Lighting)

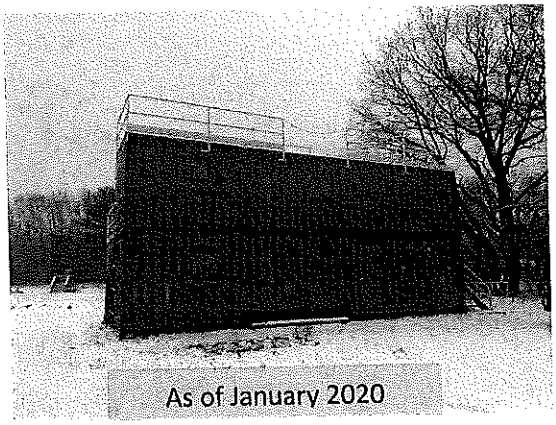
Work in Progress

Install 2 ½" standpipe with fire hose connections at lower level and extend to second level on east side of facility with sprinkle set up on first and second floor (Manistee County Fire Association)

Install three floor drains in bottom floor of each container at lowest point, grate size to be no larger than 24" x 24" (Manistee County Fire Association)

$**46,500** estimated to this point of completion

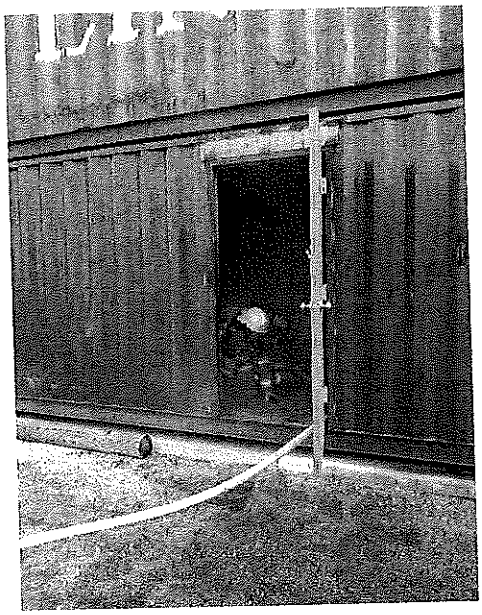
Requesting To be completed



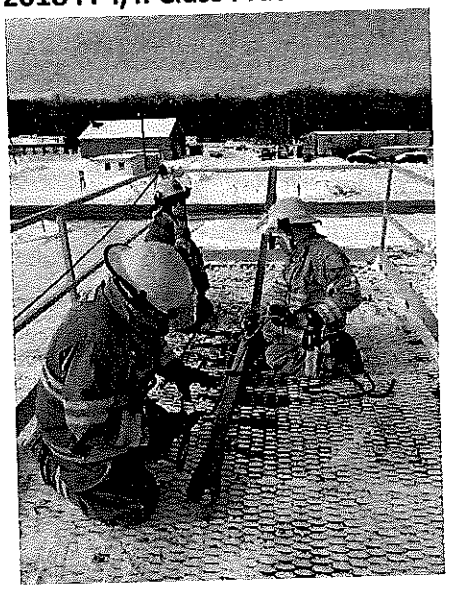
As of January 2020

1. Construct and install two steel staircases with walls, steel doors and handrails on the first and second level.
2. Staircase roof opening to have two-piece hinged cover securable in the open and shut position, 42" handrail around three sides of roof opening with safety chains at one end.
3. Add a working ceiling knockout below the ventilation roof area.

$**9,500** estimate to completion



2018 FF I/II Class Practical's



2016 setting containers and building roof prop

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-046

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Kurt Corradi		**Pin Number:** 588561	**Date:** 01/22/2020
Name of Fire Department: Bay City Department of Public Safety **NFIRS #:** 00903			**County:** Bay
Fire Department Street Address: 1401 Center Avenue			
City: Bay City	**State:** MI	**Zip Code:** 48708	**Email:** kcorradi@baycitymi.org
Applicant Phone Number: 989-892-8601		**Alternate Number:** 989-737-1551	

SECTION II

Course / Project Name: Flashover/Forcible Entry	**Amount Requested:** $9,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403,1001,1702	**Curriculum / Q-Course Number:** Q15A/Q45F
Total Capacity per Class: 32	**Total Hours per Class:** 8.0
Instructor Name(s): Oakland Community College (CREST)	

SECTION III

Applicant Signature:	**Date:** 01/22/2020
Name of Applicant: Kurt Corradi	**Email:** kcorradi@baycitymi.org
Fire Chief Signature:	**Date:** 01/22/2020
Name of Fire Chief: Kurt Corradi	**Email:** kcorradi@baycitymi.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Application Questions:

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
   The Bay City Department of Public Safety along with Monitor Township Fire Department are requesting grant funding for two days of Flashover and Forcible Entry training. This training will be provided by Oakland Community College and will provide training for approximately 64 firefighters.

2. **How much money are you requesting to fund your grant?**
   $9,000.00

3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

   Flashover Training: SMOKE Approved Q Course (Q15A)
   Currently in the fire service, we experience a decline in structure fires every year. This provides our firefighters with less live fire experience than in years past which requires us to use Flashover Simulators to gain live fire experience. The Oakland Fire Training Institute offers a unique training experience that provides firefighters with the best live fire training program currently available to the fire service that can be transported to our community. The Phase 1 Mobile Flashover Unit constructed by Swede Survival Systems is a laboratory, where fire behavior can be observed three feet below the fire floor. Instructors will demonstrate basic fire behavior using Class A combustibles (particle board). The fire is not influenced by artificial or individual factors and is most cost effective, realistic fire training available.

   Upon successful completion of the Flashover program, firefighters will have:
   - Learned how to recognize the dangers of gas ignitions using different methods (i.e. thermal imaging camera).
   - Developed the skills necessary for a safe approach in both pre and post flashover situations.
   - Demonstrated and become efficient in the nozzle techniques when encountering a flashover environment.

   Forcible Entry Training: SMOKE Approved Q Course (Q45F)
   - The purpose of this course is to provide students the opportunity to develop their forcible entry skills via hands on training with a variety of props provided by Oakland Community College. Students will gain knowledge, skills and abilities to obtain entry into a building in the safest, most efficient manner to protect life and property.

   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   The Bay City Department of Public Safety has pursued the MFFTC Training and Equipment Grant in FY18 and FY19 unsuccessfully.

   c. **Have you pursued other grants or funding options? If yes, please explain.**
   The Bay City Department of Public Safety has attempted to secure Flashover and Forcible Entry Training by using our annual training budget. Due to budgetary constraints and the significant cost of live fire training, our department is not in a financial position to secure the training in our yearly budget.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-047

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Patrick DuVall	**Pin Number:** 585960	**Date:** 1/19/2020
Name of Fire Department: Plainfield Fire Department **NFIRS #:** 4117		**County:** Kent
Fire Department Street Address: 4343 Plainfield Ave. NE		
City: Grand Rapids / **State:** MI	**Zip Code:** 49525	**Email:** duvall@plainfieldmi.org
Applicant Phone Number: 616-361-2895	**Alternate Number:** 616-901-3018	

SECTION II

Course / Project Name: Multi-Force Door by Firehouse Innovations Corp (Forcible Entry Door Simulator)	**Amount Requested:** $7,530

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1001 Standard for Fire Fighter Professional Qualifications	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): N/A	

SECTION III

Applicant Signature: Patrick DuVall	**Date:** 1/19/2020
Name of Applicant: Patrick DuVall	**Email:** duvall@plainfieldmi.org
Fire Chief Signature:	**Date:** 1/19/2020
Name of Fire Chief: Steven McKellar	**Email:** mckellars@plainfieldmi.org

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

   The Multi-Force Door will be used to teach Kent County North Fire Academy students forcible entry techniques. The current academy class consists of 35 students from 8 different fire departments. The Multi-Force Door will also be a valuable tool that will allow incumbent firefighters to practice their forcible entry skills.

2. **How much money are you requesting to fund your grant?**

   $7,530.00 (Multi-Force Door $6,500, Cutting station attachment $250, shipping $780)

3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

      Practicing forcible entry techniques in a realistic environment is very difficult. It's difficult to simulate a real situation with a homemade door prop that gets destroyed in a relative short period of time. The Multi-Force Door will allow firefighters to practice every technique which applies to inward-opening doors, outward-opening doors, left-hand and right-hand swinging doors, and doors with metal or wood jambs. This forcible-entry simulator will train firefighters for the types of doors encountered in day-to-day firefighting.

      The Multi-Force Door weighs 760 lbs., but it can be disassembled into six parts in about 5 minutes. It can be easily transported in a truck or van so it will be made accessible to all fire departments in Kent County.

   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**

      Our department has constructed homemade door props, but they have been relatively easy to open and only allow firefighters to use a few different techniques. PFD has hosted a Kent County North Academy for over 20 years, and we plan to continue that tradition. This piece of equipment will give us the ability to graduate fire academy students that will be confident in their abilities to get through any type of door.

   c. **Have you pursued other grants or funding options? If yes, please explain.**

      Not for this piece of equipment.

FIREHOUSE INNOVATIONS CORP

"THE KEY TO FORCIBLE ENTRY"

3795 Martin Court, Seaford, NY 11783
Tel: 516-308-3132 Fax: 516-765-3065
www.FirehouseInnovations.com

PRICE QUOTE

January 18, 2020 valid for 90 days

PURCHASER (s):	**SHIP TO:**
Plainfield Fire Dept. Grand Rapids, MI 49525 616-361-2895	Plainfield Fire Dept. Grand Rapids, MI 49525

Attn: Pat DuVall, Training Officer duvall@plainfieldmi.org,

You recently requested pricing information from our company. Here is our quote:

Quantity and description of item	Price per unit	Price
One (1) **Multi-Force Door** (*Forcible Entry Door Simulator*) **includes FE Training DVD etc. *(see Packing Slip)* Additional Features if Requested: ☑ check box add to total ☐ Cutting Station $250 ☐ Battering Ram Attachment $450	6,500.00	$6,500.00
Shipping & Handling - (Hydraulic Liftgate Service-Delivery): **$200** **Or** Purchaser can pick up the door includes Train the Trainers - 2 hours: Approx. miles one way from 11783 to		780.00
Please provide a copy of your Tax Exempt Certificate or the applicable sales tax (if required) will be charged: **Tax:**		
TOTAL:		**$7,280.00**

Also attached is a copy of our Contract of Sale (2 pages). Please complete and return a signed copy with your Purchase Order. Please provide a copy of your Certificate of Tax Exemption for our records.

Sincerely, *Mike Perrone*, President
miperro56@aol.com

NOTE: Additional Features: http://firehouseinnovations.com/products.html scroll down page.
Cutting Station can be added at any time.
Battering Ram Attachment must be added at initial purchase, cannot be retrofitted in the field.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909 FMG-048
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Michael T. Gregorich	**Pin Number:** 572588	**Date:** 1/24/2020
Name of Fire Department: Marquette Township Fire/Rescue (MTFD) **NFIRS #:** 5217		**County:** Marquette
Fire Department Street Address: 1000 Commerce Drive		
City: Marquette **State:** MI	**Zip Code:** 49855	**Email:** mgregorich@marquettetownship.org
Applicant Phone Number: 906-458-3771	**Alternate Number:** 906-228-4296	

SECTION II

Course / Project Name: Fire Dynamics Training Prop	**Amount Requested:** $7,288.55

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1403	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: 30	**Total Hours per Class:** 1-2
Instructor Name(s): MTFD instructors after being trained by prop manufacture	

SECTION III

Applicant Signature: [signature]	**Date:** 1/24/2020
Name of Applicant: Michael T. Gregorich	**Email:** mgregorich@marquettetownship.org
Fire Chief Signature: [signature]	**Date:** 1/24/2020
Name of Fire Chief: Dan Shanahan	**Email:** dans@marquettetownship.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training/Equipment/Prop Grant Application Questions

For Marquette Township Fire Department (MTFD)

1) **What do you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

MTFD plans to use the Fire Dynamics Training Prop to help firefighters and the general public better understand managing the flow path of fire and smoke, the value of closing your door while sleeping, and the impact of ventilation on fire growth as part of a hands-on interactive training.

2) **How much money are you requesting to fund your grant?**

$7,288.55 – Seven Thousand Two Hundred Eighty-Eight Dollars and Fifty-Five Cents.

3) **a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

If we are fortunate enough to receive this grant from Michigan Fire Fighters Training Council, MTFD plans to use this hands on training prop to better educate our present and future firefighters on how a fire can grow depending on air flow, water application, where it is located in the house, etc. This tool will also be used to better understand basement fires, which have an increase safety risk to firefighters. MTFD, like much of the fire service in the United States is having less structure fires and live burns are becoming a rare training opportunity. This will give us an interactive tool to be used to help educate and prepare our members to better understand what can happen in a structure fire and how to safely function while fighting fires. This tool, coupled with classroom learning and manufacture provided demonstration videos will help to cover a wider variety of adult learning styles to accommodate MTFD personnel. As building construction and materials used have changed the way a fire behaves we can demonstrate this in a controlled environment, this trainer uses alcohol based fuels which burn clean and can be used indoor and will not be weather dependent. To increase the effectiveness of this learning tool we plan to make it available to other department to use once their presenters have been properly trained. This will pay dividends back to MTFD with an increased ability of our mutual aid departments to better understand fire behavior.

Additionally, we plan to use this tool at open houses, during onsite trainings for local business and schools. This will give a visual demonstration for the general public on the value of closing your door while you and your family are sleeping, potential reducing night time fire fatalities. This tools impact will be paramount in helping residence learn what they can do to stay safe in the event of a structure fire incident. To amplify the effectiveness of the Fire Dynamic Training Prop we will make it available to our yearly Marquette County Fire I and II State Certification Class.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

MTFD has been looking into reusable training prop options for approximately 1 year and have not been able to find any options until recently

c. Have you pursued other grants or funding options? If yes, please explain.

As MTFD has only recently found this option we have not pursued other options at this time.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-054

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: *Samuel M. Eberhart*	**Pin Number:** *550998*	**Date:** *1-22-2020*
Name of Fire Department: **NFIRS #:** *Clare Fire Department NFIRS #: 01801*		**County:** *Clare*
Fire Department Street Address: *207 W. Fifth St.*		
City: *Clare*	**State:** *Michigan*	**Zip Code:** *48617*	**Email:** *seberhart@cityofclare.org*
Applicant Phone Number: *989-429-3801*		**Alternate Number:** *989-326-2263*

SECTION II

Course / Project Name: *Basic Pump Operations*	**Amount Requested:** *$2,500.00*

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): *NFPA 1451*	**Curriculum / Q-Course Number:** *Q54C*
Total Capacity per Class: *30*	**Total Hours per Class:** *16*
Instructor Name(s): *John Smilnak*	

SECTION III

Applicant Signature: Samuel M. Eberhart	**Date:** *1-22-2020*
Name of Applicant: *Samuel M. Eberhart*	**Email:** *seberhart@cityofclare.org*
Fire Chief Signature: James Chapman	**Date:** *1-22-2020*
Name of Fire Chief: *James Chapman*	**Email:** *jchapman@cityofclare.org*

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Clare Fire Department

207 W. Fifth Street Clare, Michigan 48617 Ph: (989) 386-2151 Fax: (989) 386-3020

Date: January 25, 2020
To: Michigan Fire Fighter Training Council
From: Sam Eberhart, Asst. Chief Clare Fire Dept. CCFFTC-CTC

The Clare Fire Department would like to take this opportunity to request funding from the FY20 Grant program to further our department's knowledge and skills as well as that of firefighters from around the area. We are requesting $2,500.00 to fund the Q54C basic Pump Operations Course. While we have tried in the past to offer other advanced pump operations courses for more senior pump operators, those classes were too advanced for newer firefighters who have not been exposed to the basic levels of pump operations.

Our department and area is largely comprised of newer personnel with three to five years experience or less. With this class we hope to provide some education on pumps and operations for them, as well as a refresher for the few seasoned operators we have. This course will offer them basic pump hydraulics and teach students the plumbing and mechanics of pumping that they do not receive in the academy. These less experienced personnel are the future operators of our fire departments and the knowledge they gain from this course will last for years to come and be able to be passed on to the next generation.

This is the first time that we have ever sought additional funds from the council beyond our yearly allotment. We feel that this course is well worth the effort to seek this grant, as it will be a course that will benefit all the members of our department as well as those from the departments in all of Clare County and beyond. We appreciate the opportunity to apply for this opportunity, and hope that you will grant our request. We firmly believe that the more we all know, the better we all will be. The newer firefighters of our area are seeking more education than ever before, and this grant will help further their knowledge and be return ten-fold in the years to come.

Thank You,

Samuel M. Eberhart

Sam Eberhart
Asst. Chief, Clare Fire Dept.
CCFFTC-CTC

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-060

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Matthew Remmo	**Pin Number:** 601701	**Date:** 1/28/20
Name of Fire Department: Bertrand Twp **NFIRS #:** 1105		**County:** Berrien
Fire Department Street Address: 4770 W US 12		
City: Buchanan **State:** MI	**Zip Code:** 49107	**Email:** mjremmo@yahoo.com
Applicant Phone Number: 269 830 0522	**Alternate Number:** 269 695 6191	

SECTION II

Course / Project Name: TIC Aided Search & Rescue	**Amount Requested:** $8,300

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1801 - 2018	**Curriculum / Q-Course Number:** Q70A
Total Capacity per Class: 20	**Total Hours per Class:** 2 hrs
Instructor Name(s): Matt Remmo	

SECTION III

Applicant Signature: Matthew J Remmo	**Date:** 1/28/20
Name of Applicant: Matthew J Remmo	**Email:** mjremmo@yahoo.com
Fire Chief Signature:	**Date:** 1-26-2020
Name of Fire Chief: Bill Knisely	**Email:** blk502@hotmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Bertrand Township Fire Department: Matt Remmo

Project Name: TIC Aided Search and Rescue

SEEK thermal imaging cameras and a Rescue Dummy will be used in our training tower by providing realistic scenarios, heat sources and aqueous smoke, for our firefighters and any other department's firefighters who so choose to use our facility and new equipment.

We are requesting $8,300 for the funding of this grant request.

Seek Thermal Reveal FirePRO Thermal Imaging Camera

TIC technology will allow firefighters to find the seat of the fire upon arrival to better and more safely deploy firefighters. It will aid in overcoming issues created due to building construction, smoke conditions, light conditions, storage containers, and rapidly changing conditions. It can also be used for search and rescue and victim location on vehicle accident scenes and ice water rescue scenes. Thermal imaging technology enables the rapid and effective collection of information for safer fire ground operations. Firefighters can be better directed, especially in large structures, in a successful plan of attack and point of entry. Exterior wall conditions, roof conditions, and ventilation can be assessed. The increased fire loads in commercial and residential structures due to high-heat-release-rate fuels demand a good working thermal diagnostic tool in the hands of those who should have it, in order to mitigate fire circumstances. Many departments have one or two TICs which severely limits the availability on the fire ground and in training scenarios.

A thermal imaging training program shall be implemented where participants will be provided practical evolutions as individuals and crews, as well as IC applications. All members of the department shall undergo a minimum of biannual training, competence on operation, application, use, limitations, care, and maintenance of the TIC technology.

Our training tower facility will be used by our department and available for any other department for training purposes. Members of our department shall be present to train any Berrien County departments at our site on the use of, competence on operation, application, limitations, care, and maintenance of the TIC technology.

Survivor Rescue Dummy

The utilization of a rescue dummy is essential in firefighter training for structure fires and auto extrication scenarios. Having an adult sized, correctly weighted and anatomically correct dummy gives the firefighter a realistic idea of the strength and techniques necessary to perform rescue operations. From a one man blanket drag or the rescue DRD, Drag Rescue Device, that is standard issue on turnout gear, to a two person carry from a structure, a rescue dummy can become a vital asset in any training equipment tool bag. The dummy will be used in simulated heat and smoke scenarios in our existing training structure, as well as a patient during auto extrication training. Both of these 'Dummy Use' training programs/scenarios will be available for other Berrien County fire departments at our facility.

Our department has been looking at obtaining a rescue dummy for five years and for the new TIC technology for two years. Unfortunately, with the 800 MHz radio/pager implementation, department funds have been unavailable and no other grants have been pursued.

FMG-061

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Ronald Wise	**Pin Number:** 553482	**Date:** January 27,2020
Name of Fire Department: South Haven Area Emergency Services **NFIRS #:** 8013		**County:** VanBuren/Allegan
Fire Department Street Address: 90 Blue Star Hwy		
City: South Haven / **State:** Michigan	**Zip Code:** 49090	**Email:** rwise@shaes.org
Applicant Phone Number: 269-639-1496	**Alternate Number:** 269-637-1813	

SECTION II

Course / Project Name: Fire training equip/Prop	**Amount Requested:** $8,696

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** January 27,2020
Name of Applicant: Ronald Wise	**Email:** rwise@shaes.org
Fire Chief Signature:	**Date:** January 27, 2020
Name of Fire Chief: Ronald Wise	**Email:** rwise@shaes.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

South Haven Area Emergency Services

90 Blue Star Highway South Haven, Michigan 49090
Phone (269) 637-1813 Fax (269) 637-9346
www.shaes.org

January 28, 2020

MFFTC Training Equipment Grant Request

South Haven Area Emergency Services is requesting training grant funds to purchase training equipment/props for our current non-state funded fire academy and for our department training building. The equipment/props will help prepare our new and experience firefighters for todays challenges on the fireground. Fire training equipment and props will be used during multi-company training session and fire academy classes.

South Haven Area Emergency Services is requesting $8,696 to enhance our fire training practical exercises. Due to our county not hosting a fire academy class this year, our department decided to host our own academy with 11 students. Students from our department and three other departments make up the class. The class was funded by our department due to the extreme need for new firefighters even though it would be a stretch our finances. The equipment request will add more realistic training simulations for new and experienced fire fighters. The addition of four life size adult to child training manikins and two smoke machines would be utilized in our two-story fire training building during rescue simulations. We obtained our training building in 2009 and have been actively using it for live fires training for firefighters throughout Van Buren and Allegan County. We have been using it for non-live fire training but would like to enhance our capabilities to simulate low visibility scenarios while not using live fire during our fire academy classes.

We are also asking for funds to purchase a four-way hydrant valve for our upcoming water shuttle training class May 9, 2020. The valve would help demonstrate to students how to improve water shuttle and relay pumping operations. We have done several water pumping training sessions and would like to have this prop for future fire academies and water relay pumping classes.

We just finished a $42,000 fund raising project to install commercial washing machines in all three of our fire stations along with inhouse built gear dryers to properly decon our fire gear. We have exhausted all of our grant opportunities to fund this training equipment/prop request. Funding our fire academy has also drained our training budget for 2019 and 2020. We respectfully ask for funding to help our six department instructors provide high quality training for new and experienced firefighters.

(2) Smoke Generators	$3,000
(4) Adult-child manikins	$3,289
(1) Hydrant four-way valve	$2,407
Total request:	$8,696

Ronald Wise, Executive Director
South Haven Area Emergency Services

FMG-063

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Philip Duczyminski	**Pin Number:** 572454	**Date:** 1/28/2020
Name of Fire Department: **NFIRS #:** Novi Fire Department #6327		**County:** Oakland
Fire Department Street Address: 42975 Grand River Ave.		
City: Novi / **State:** Michigan	**Zip Code:** 48375	**Email:** pduczyminski@cityofnovi.org
Applicant Phone Number: 248-735-5667	**Alternate Number:** 248-962-5087	

SECTION II

Course / Project Name: Hands-on Training Course "Through the Lock Forcible Entry"	**Amount Requested:** $9,310

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1001	**Curriculum / Q-Course Number:** Q45C
Total Capacity per Class: 15/class X 7 classes= 105 Participants total	**Total Hours per Class:** 4-hours
Instructor Name(s): Sean Wilson	

SECTION III

Applicant Signature:	**Date:** 1/28/2020
Name of Applicant: Philip Duczyminski	**Email:** pduczyminski@gmail.com
Fire Chief Signature:	**Date:** 1-28-20
Name of Fire Chief: Jeffery Johnson	**Email:** jjohnson@cityofnovi.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

CITY OF NOVI

CITY COUNCIL

Mayor
Bob Gatt

Mayor Pro Tem
Dave Staudt

Andrew Mutch

Laura Marie Casey

Kelly Breen

Hugh Crawford

Justin Fischer

City Manager
Peter E. Auger

Director of Public Safety
Chief of Police
David E. Molloy

Director of EMS/Fire Operations
Jeffery R. Johnson

Assistant Chief of Police
Erick W. Zinser

Assistant Chief of Police
Scott R. Baetens

January 28, 2020

Captain Philip Duczyminski
Novi Fire Department
42975 Grand River Ave.
Novi, MI 48375

RE: FY20 MFFTC Training/Equipment-Props Grant Application

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

The Novi Fire Department would like to utilize FY20 Grant funds to host Rise Above Fire Training to provide course Q45C "Through-the-Lock Forcible Entry Class." We plan on hosting the class and opening enrollment for at least 4 participants from outside agencies (Michigan Firefighters) in each class.

2. **How much money are you requesting to fund your grant?**

We are requesting $9,310 to fund this training grant. The training would provide a total of 7 training sessions, each session would be (4) hours in duration. Each session will have a maximum capacity of (15) participants for a total of 105 firefighters.

3. Please share in detail (using 500 words or less):

a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

This training program will provide an important set of skills for all firefighters. Non-destructive or less destructive methods of forcible entry are an important component of forcible entry training, however many firefighters have only a small amount of training on these methods. As a modern fire service we are continually seeking new methods and tactics to increase our service delivery model and improve the quality of training in our firefighters. This directly leads to building better relationships with our businesses and citizens, and improving the effectiveness of our personnel.

Novi Public Safety Administration
45125 Ten Mile Road
Novi, Michigan 48375
248.348.7100
248.347.0590 fax

cityofnovi.org

A non-destructive or less destructive means of gaining entry into structures may result in gaining quicker patient and occupant access on certain calls. Many times firefighters are reluctant to force entry on incidents that have no visible signs of distress. These less destructive methods of entry can improve a department's image, improve incident access, and create a safer environment for fire personnel by providing a timely response to hazards.

There are too many times where doors have been unnecessarily damaged for welfare checks, flooding in a house, and other non-urgent events. The average cost to repair a door forced open can be expensive and in the hundreds of dollars, if not the thousands in some cases. In addition, there is also the concern with the out of service time a crew may have waiting for a board-up crew when those personnel could be clear and back on the street, or the insecure structure that was left behind, and the loss of public confidence.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

Our department has been working to provide this training opportunity for more than two years.

c. Have you pursued other grants or funding options? If yes, please explain.

Yes, we have attempted to obtain funding through the City of Novi but have been unsuccessful so far.

FMG-064

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Michael C. Kaloz	**Pin Number:** 585611	**Date:** 01-28-2020
Name of Fire Department: Lansing Township Fire Department **NFIRS #:** 03305		**County:** Ingham
Fire Department Street Address: 3301 W. Michigan Ave.		
City: Lansing **State:** MI	**Zip Code:** 48917	**Email:** MKaloz@LansingTownship.org
Applicant Phone Number: 517-749-4027	**Alternate Number:** 517-485-5443	

SECTION II

Course / Project Name: IAFF Fire Ground Survival	**Amount Requested:** $ 10,000 ~~00~~

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1500, 1407	**Curriculum / Q-Course Number:** Q37B
Total Capacity per Class: 20	**Total Hours per Class:** 24
Instructor Name(s): Lansing Community College Regional Fire Training Center	

SECTION III

Applicant Signature:	**Date:** 01-28-2020
Name of Applicant: Michael C. Kaloz	**Email:** MKaloz@LansingTownship.org
Fire Chief Signature:	**Date:** 01-28-2020
Name of Fire Chief: Todd A. Hendy	**Email:** fcltfd@comcast.net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. Intent of training grant:

We will use FY20 MFFTC Training Grant funds to put all our personnel through the IAFF Fire Ground Survival course. We will use this training to provide our personnel with skills that will increase their chances of survival if they were to ever get into a May Day situation.

2. How much are you requesting for your grant?

We are requesting $10,000.00.

3. Please share in detail (using 500 words or less):

a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

A leading fire service principal for many years has been to train for success. We teach our personnel how to extinguish fires, rescue civilians who may be trapped inside a fire or vehicle because of a crash, and to mitigate other hazardous incidents. One thing we have failed to do is teach our personnel effective skills to rescue themselves when they get into trouble. We have failed to consistently drill for when failure does occur. Without such training fire fighters do not have the practiced skills to rely on WHEN they get into trouble.

"The IAFF Fire Ground Survival (FGS) program is the most comprehensive survival skills and MAYDAY prevention program currently available within the fire service,". This program incorporates NFPA standards, OSHA regulations, best-practice incident management and survival techniques from leaders in the field, and real case studies from experienced fire fighters. The goal of the FGS program is to educate fire fighters to be prepared if the unfortunate happens. FGS will provide our fire fighters with the skills they need to improve situational awareness and prevent a MAYDAY. A testimonial to this program is the November 2019 Saginaw, Michigan near-miss incident. When Aileen Pettinger, a Captain with Saginaw Fire fell through the floor during a house fire she used these skills to call for help, to saving herself and her partner.

By doing the IAFF FGS program, it ensures that the training for Mayday prevention and Mayday operations is consistent between all fire fighters, company officers, and chief officers. We must give our firefighters the skills to perform self-rescue actions if they become lost, disoriented, injured, low on air or trapped. These exercises must be consistent throughout the fire service. The FGS training program applies the lessons learned from fire fighter fatality investigations conducted by the NIOSH and has been developed by a committee of subject matter experts from the IAFF, the IAFC and NIOSH.

There is no other call more challenging to fire ground operations than a MAYDAY. The incidents in which fire fighters have lost their lives, have a consistent theme: inadequate situational awareness put them at risk and inadequate training led to their deaths.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

2 years

c. Have you pursued other grants or funding options? If yes, please explain.

We requested funding for this program as part of the FY19 MFFTC grant program as well as in our regular 2020 training budget. The MFFTC did not approve any individual grants of 2019 and our township did not approve this funding in our 2020 budget.

FMG-065

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: CHIEF DOUGLAS LAFOND	**Pin Number:** 587426	**Date:** 01/28/2020
Name of Fire Department: ALLEN PARK FIRE DEPARTMENT **NFIRS #:** 8201		**County:** WAYNE
Fire Department Street Address: 6730 ROOSEVELT		

City: ALLEN PARK	**State:** MICHIGAN	**Zip Code:** 48101	**Email:** dlafond@cityofallenpark.org
Applicant Phone Number: 313-928-0024		**Alternate Number:** 313-928-1103	

SECTION II

Course / Project Name: R.I.T. / SELF RESCUE TRAINING	**Amount Requested:** $9600.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1407 AND NFPA 1410	**Curriculum / Q-Course Number:**
Total Capacity per Class: 12 X 2 CLASSES, 24 TOTAL	**Total Hours per Class:** 16 X 2 CLASSES, 32 HOURS TOTAL
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 01/28/2020
Name of Applicant: CHIEF DOUGLAS LAFOND	**Email:** dlafond@cityofallenpark.org
Fire Chief Signature:	**Date:** 01/28/2020
Name of Fire Chief: DOUGLAS LAFOND	**Email:** dlafond@cityofallenpark.org

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

City of Allen Park

Fire Department

6730 Roosevelt, Allen Park, Michigan 48101
PHONE: 313-928-0024 FAX: 313-928-6377

Chief Douglas LaFond
NFPA Certified Fire Inspector II & Plan Review
E-Mail dlafond@cityofallenpark.org
Web: www.cityofallenpark.org

To: MFFTC Grant Committee
Re: FY20 Training/Equipment/Props Grant
Date: 01-28-2020

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1. The Allen Park Fire Department is requesting funding to provide each of our firefighters with 16 hours of instruction, both classroom and hands on training, centering on Rapid Intervention Team operations and Self Rescue techniques. Instruction will take place over 4 days, each member attending 2 of those days.

2. We are requesting $9600, $400 per firefighter x 24 firefighters, to fund our project. All training will take place at the Dearborn Fire Department training center. We feel that our firefighters will get much more out of the training if they are not interrupted by going on runs during the classes, so we made the decision to send our firefighters while they are off duty, our department will cover the cost of overtime.

3. Grant details:
   a. Receiving this grant would be invaluable to our department for 2 reasons;

      Our current training budget is small, and without this grant we will not be able to give our firefighters this training. RIT and self-rescue skills are 2 of the most important skills a firefighter can possess, especially on a small department like ours. We respond to fires with 6, or less, firefighters, and until mutual aid arrives we are on our own. If an incident were to occur and one or more of our firefighters became trapped, injured, or both, while interior on a structure fire, the trapped firefighter, and the other firefighters on that scene, need to have the skill set to put a plan in motion immediately. Without swift and decisive actions by our firefighters in an incident like this, the hope of survival is low. It is our hope that through training, we can give our firefighters the needed skills to perform a quick and decisive rescue.

      The lower seniority members, half of our department roster, have never had any formal self-rescue or R.I.T. training. This grant is really the only way we can afford to offer it.

b. We have been asking our city for additional training funds since we were under an emergency financial manager in 2010, with limited success. Our city has been in a severe financial crisis since 2010, to the point that the state placed us under an emergency financial manager. We did secure an AFG grant in 2012 to offer R.I.T. training to our members, but since that time through attrition, retirements, and an increase in overall manpower we have 12 new members who were not here when that training was offered. This means that half of our department has no official RIT or self-rescue training.

c. We are always pursuing other options to fund training, staffing, and equipment purchases. Every year we write SAFER, AFG, and FP&S grants. Sometimes we are successful and other times we are not. We are hoping that the MFFTC finds our request worthy and that you award us these funds so that we may offer the class to our firefighters. If awarded these funds it is our intention to make this a mandatory class for all of our firefighters, and to hold the training in late August or early September 2020.

Thank You,

Chief Douglas LaFond
Allen Park Fire Department

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-066

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Dave Glotzbach		**Pin Number:** 581852	**Date:** 01/28/2020
Name of Fire Department: Muskegon Township Fire **NFIRS #:** 06113			**County:** Muskegon
Fire Department Street Address: 1117 S. Walker Rd.			
City: Muskegon	**State:** MI	**Zip Code:** 49442	**Email:** dave.glotzbach@mcd911.net
Applicant Phone Number: 231-955-0071		**Alternate Number:** 231-773-4316	

SECTION II

Course / Project Name: Engine/Truck Company Operations	**Amount Requested:** 10000

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1410	**Curriculum / Q-Course Number:** Applied for
Total Capacity per Class: 40	**Total Hours per Class:** 19
Instructor Name(s): Aaron Heller On Scene Training Associates	

SECTION III

Applicant Signature:	**Date:** 01/29/2020
Name of Applicant: Dave Glotzbach	**Email:** dave.glotzbach@mcd911.net
Fire Chief Signature:	**Date:** 01/29/2020
Name of Fire Chief: Dave Glotzbach	**Email:** dave.glotzbach@mcd911.net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. We propose Engine/Truck Company operations training program instructed by On Scene Training Associates from New Jersey. This course is extensive hands-on evolutions in Engine/Truck Company operations including 2 ½" hose-line operations and deployment to upper floors, standpipe hook-ups, extended hose stretches, portable ladders, ventilation/roof operations, VES techniques, and several techniques for short-staffed crews.

2. The Cost of the training for up to 40 Students and 12 hours of training is $12,500.00 plus $580.00 in material cost to build props for a total of $13,080.00. On Scene Training Associates, LLC will provide 4 certified instructors. We are only asking for $10,000.00 to be funded with the Fireworks training funds. We have the ability to cover the $3,580.00. We are able to bring this training to State

3.

    a. This course will enhance and provide new methods of Engine and Truck Company operations including all of the above topics. We will also include Live Fire Training evolutions the final day. The course will look at a multitude of hose lays, the pros and cons of each and how they could work with the demographics of different communities.

    b. We have been looking at this course for last 3 years, but we are unable to manage this amount out of our training budget or the ability to send individuals to FDIC to get the course.

    c. We have pursued other options I have applied for a people grant through DTE with no response as of yet. We also did bring this group for Big Box Store Commercial Fire Ground Operations through the Muskegon Area Chiefs and funded the entire course hosting students from 5 different counties and 13 different depts. last year. This was a large amount of money, the feedback from the students was they would like to see more of this excellent type of training.

4. **Additional Info:** This class is a HOT class at FDIC and is full every year, we have a great opportunity to bring this valuable class here at a reduced price as compared to $595.00 for HOT Package then an additional$250.00 per person for the HOT Class. If we were to send 40 people to FDIC for the class it would cost $31,400.00 just for the students to attend and then figure $200.00 per/night lodging with 2 people per room would be an additional $8000.00 for 2 nights for total of $39,400.00

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-067

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Lt. Scott Veldman		**Pin Number:** 599276	**Date:** 01/28/2020
Name of Fire Department: Grandville Fire Dept. **NFIRS #:** 04113			**County:** Kent
Fire Department Street Address: 3215 Wilson Ave SW			
City: Grandville	**State:** Michigan	**Zip Code:** 49418	**Email:** veldmans@cityofgrandville.com
Applicant Phone Number: 616-530-6211		**Alternate Number:**	

SECTION II

Course / Project Name: Forcible-Entry Door	**Amount Requested:** $7,535.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001 4.3.3 & 4.3.4	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Scott Veldman	**Date:** 01/28/2020
Name of Applicant: Scott Veldman	**Email:** veldmans@cityofgrandville.com
Fire Chief Signature: Michael W. May	**Date:** 1-29-20
Name of Fire Chief: Michael May	**Email:** maym@cityofgrandville.com

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

Answers to the 2020 Grant Application

1. Our intent for the Grant would be to purchase a Firehouse Innovations Door Entry System. It is a very realistic and versatile forcible-entry training device. We can train using every technique which applies to inward-swing doors, outward-swing doors, left-hand and right-hand swing doors, with both metal and wood jambs.

2. $7,535.00

3. **#3a.** We have close to 600 commercial buildings in the City of Grandville and in this modern day, businesses are finding new ways to secure their property and making it more difficult for firefighters to gain access into the property in the event of an emergency. The benefit of training on this device includes; personnel safety, personnel proficiency, and business cost reduction. Proper training allows firefighters to practice proper body mechanics and have the forethought of the operation at hand. Firefighters will become proficient in breaching these doors in a timely manner and eliminate unnecessary damage to the doors or jambs. This leads to a more streamline forcible entry reducing the cost for repair.

   I feel forcible entry is the first means of being able to access a problem. This is usually one of our weakest areas to train in due to lack of doors to train on. In the off chance we do obtain one, the door and jamb quickly become damaged and unusable. This door system can be used repeatedly without damage and found that they have been in use with the FDNY since 2008 with great success.

   In addition to the forcible entry aspect, this device is equipped with a pad-lock cutting station that can be utilized with saws and/or hand tools. This will provide additional means of training to areas that we don't often train on.

   Overall this device can provide our department, and surrounding departments, the ability to proficiently train on forcible entry.

#3b. We have been pursuing this training prop for only the past year after we were given the opportunity to train on a similar training prop at a neighboring department.

#3c. At this time, we have not pursued any other funding options for this training prop.

FMG-010

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Karl Brown		**Pin Number:** 604181	**Date:** 1/27/2020
Name of Fire Department: Walled Lake Fire **NFIRS #:** 6341			**County:** Oakland
Fire Department Street Address: 1499 E. West Maple Road			
City: Walled Lake	**State:** Michigan	**Zip Code:** 48390	**Email:** kbrown@walledlake.com
Applicant Phone Number: 248-624-2088		**Alternate Number:** 248-986-3117	

SECTION II

Course / Project Name: Forcable Entry Prop Purchase	**Amount Requested:** 7000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1001	**Curriculum / Q-Course Number:**
Total Capacity per Class: 15	**Total Hours per Class:** 3
Instructor Name(s): Karl Brown/Jason Gonzalez/Matthew Salow	

SECTION III

Applicant Signature: Karl Brown	**Date:** 1-29-2020
Name of Applicant: Karl Brown	**Email:** kbrown@walledlake.com
Fire Chief Signature: James O. Coomer Jr	**Date:** 1.29.2020
Name of Fire Chief: James O. Coomer, Jr.	**Email:** JCoomer@WalledLake.Com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?

The Walled Lake Fire Department intends to use the grant funds towards the purchase of a forcible entry simulator prop to enhance and refine the use of forcible entry as it pertains to commercial & residential doors and windows. We plan to make this available to our AMA departments.

How much money are you requesting to fund your grant?

Requesting funding of $7000.

Please share in detail (using 500 words or less):

a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

The Walled Lake Fire Department is a combination department comprised of a full time Chief, Fire Marshall, two Captains, and 16 part time firefighters. We run a two person on duty staff 24/7/365. The department provides fire/rescue services for a population of approximately 7,000 residents and is considered a bedroom community that also has a six-story senior living facility that can house 200+ residents.

Forcible entry is one of the basic skills for firefighters, but continued training and the ability to practice, refine skills, or test new methods presents a significant challenge for our department when trying to obtain structures or locations to train. Our community has very limited opportunities to provide a broader scope of forcible entry. Most, if not all forcible entry is limited to non-destructive means and just does not afford us the ability to broaden our training in this area as needed.

In the past five years our department has only been able to obtain actual structures less than two times that would accommodate training scenarios that simulators are able to provide. Many times, gaining access to structures results in last minute notifications of the availability of the structure which then does not accommodate the scheduled department training thus limiting the number of firefighters who are available to attend the training session due to schedule conflicts. Even then, challenges are presented due to limited number and type of doorways/windows further reducing the type of training evolutions that can offered and numbers of times it can be repeated.

Forcible entry simulators are the solution to being able to provide this training in a controlled environment, to allow multiple iterations, as well as providing the opportunity to run more training sessions with our on-duty crews and mutual aid departments.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

Our department has been pursuing various types of training prop purchases for over ten years but has not been able to secure the necessary funding to complete a purchase.

c. Have you pursued other grants or funding options? If yes, please explain.

No other grants or funding have been pursued.

FMG-012

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Cynthie Conrad	**Pin Number:** 708 001	**Date:** 1-29-2020
Name of Fire Department: South Lyon FD **NFIRS #:** 63-38		**County:** Oakland
Fire Department Street Address: 217 Lafayette St		
City: South Lyon **State:** MI	**Zip Code:** 48178	**Email:** Cconrad@southlyonmi.org
Applicant Phone Number: 248-437-2016	**Alternate Number:** 248-229-2385	

SECTION II

Course / Project Name: Multi use training facility	**Amount Requested:** $5018

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): N/A	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): Cynthie Conrad	

SECTION III

Applicant Signature: Cynthie Conrad	**Date:** 01-29-2020
Name of Applicant: Cynthie Conrad	**Email:** Cconrad@southlyonmi.org
Fire Chief Signature:	**Date:** 01-29-2020
Name of Fire Chief: Robert Vogel	**Email:** firechief@southlyonmi.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training/Equipment/Prop Grant

1. If awarded the MFFTC training grant we would purchase two 8x40 shipping containers and build a multi-use training facility that would be used for live fire training, search and rescue drills, thermal imaging, forcible entry, and countless other trainings. The facility would be utilized by multiple departments.
2. Requested funding: $5,018.00. Cost of each container is $2,350 with $318 delivery and set-up.
3. South Lyon is a city in southwestern Oakland County, in metropolitan Detroit. The South Lyon Fire Department is a paid-on-call fire department that has served the City of South Lyon since 1893. The department is led by a part-time fire chief who also serves as the main administrator. Two on-call employees staff the fire station on weekdays from 7:00 AM to 5:00 PM and Saturdays from 10:00 AM to 8:00 PM. All other hours are exclusively on-call. Due to its geographic location in the southwest corner of Oakland County, the South Lyon Fire Department has automatic and mutual aid agreements with departments in Washtenaw and Livingston Counties and is part of the Mutual Aid Box Alarm System (MABAS) section 3201 in Oakland County. All fire suppression staff are trained in Firefighter I & II and all fire officers are trained at a minimum in Fire Officer I & II through the Michigan Fire Fighters Training Council. Additionally officers must complete 50 online hours of Blue Card Command training with several officers having completed the live simulation lab becoming Blue Card Certified. The department is also trained and equipped to a confined space operations level to provide stand-by and rescue support to the city's Department of Public Works and wastewater treatment facility. Currently the closest training facility is 10 minutes outside the city and requires training nights to be split up into multiple nights to ensure the city maintains emergency coverage. The proposed multi-use training facility would be in the city and be utilized by South Lyon Fire and the multiple departments that we regularly assist. The realistic setting would provide for more specialized drills and evolutions allowing us to learn new firefighting skills, hone previously taught skills, and provide a medium for the development of training for future CE's required by Firefighter Training Council Act PA 291.

   The South Lyon Fire Department has been researching a multi-use training facility since early 2019. We have secured a location in the city and preparing the land will be completed by South Lyon DPW employees. All other interior preparation will be done by fire staff volunteering their time.

   We have not pursued any other grants for this project. We have, however reached out to local businesses for material donations including wood studs and drywall for interior building construction.

Fire-013

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: JAMES HANNAH	**Pin Number:** 595575	**Date:** 01-29-2020
Name of Fire Department: RAISIN TOWNSHIP FIRE **NFIRS #:** 4615		**County:** LENAWEE
Fire Department Street Address: 5525 OCCIDENTAL HWY		
City: TECUMSEH	**State:** MI	**Zip Code:** 49286
Email: JHANNAH@RAISINTOWNSHIP.COM		
Applicant Phone Number: 517-423-7811 EXT 101	**Alternate Number:** 517-759-0728	

SECTION II

Course / Project Name: FIRE EXTINGUISHER PROP	**Amount Requested:** $8847.86

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): N/A	

SECTION III

Applicant Signature: [signature]	**Date:** 01-29-2020
Name of Applicant: JAMES HANNAH	**Email:** JHANNAH@RAISINTOWNSHIP.COM
Fire Chief Signature: [signature]	**Date:** 01-29-2020
Name of Fire Chief: JAMES HANNAH	**Email:** JHANNAH@RAISINTOWNSHIP.COM

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Raisin Township
Fire Department

5525 Occidental
Tecumseh, MI 49286

Emergency: 911
Fire Department: (517) 423-7811

1. Our intent is to use the grant to purchase a LION fire extinguisher training prop. This would allow safe training on the use of fire extinguishers.
2. We are requesting $8847.96 for this purchase.
3. Currently we do not have a controlled and safe way to evaluate the practical portion of fire extinguisher training. With this prop we would be able to safely teach and evaluate fire extinguisher operations. We would be able to use it in more real-life fire settings and it would also eliminate the use of using dry chemical extinguishers for training. We have been working on different training props for the last 2 years with this being our highest priority. We have pursued funding from businesses but due to the age of extrication tools, the donor opted to support the replacement of our extrication equipment.

FMG-077

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: JAMES LUNDBERG		**Pin Number:** 616662	**Date:** 1/24/2020
Name of Fire Department: ENSIGN TWP FIRE DEPT **NFIRS #:** 2110			**County:** DELTA
Fire Department Street Address: 9499 24TH ROAD			
City: RAPID RIVER	**State:** MICHIGAN	**Zip Code:** 49878	**Email:** lundberj@baycollege.edu
Applicant Phone Number: 906-280-2886		**Alternate Number:** 906-474-9592	

SECTION II

Course / Project Name: LIVE FIRE EXTINGHISHER TRAINER ACCESSORIES	**Amount Requested:** $6,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001:4.3.16 / 10 / 11	**Curriculum / Q-Course Number:** A25D
Total Capacity per Class: 20 STUDENTS	**Total Hours per Class:** 3.5 HOURS
Instructor Name(s): JAMES LUNDBERG	

SECTION III

Applicant Signature:	**Date:** 1/24/2020
Name of Applicant: JAMES LUNDBERG	**Email:** lundberj@baycollege.edu
Fire Chief Signature:	**Date:** 1/30/2020
Name of Fire Chief: AL NOVAK	**Email:** ensignfd10@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Application Questions:

1. We will be supplementing the County's Lion/Bullex Live Fire Extinguisher Trainer by adding additional Props and Carrying Cases. We will be adding a Stove Top, Trash Can, and Electric Motor Props for the Live Fire Extinguisher system plus a 10# extinguisher to supplement the 20# one.
2. We are requesting $6,000.00 to cover the 3 additional props, carrying cases, 10# extinguisher with case and the shipping costs.
3.
    a. Delta County has struggled with the Fire Extinguisher part of the FF I&II for many years because of the cost of Powder, cartridges and refilling of extinguishers. The students have had very limited experience with Fire Extinguishers and it has been identified as a need for the county to better equip our new Firefighters and to refresh our existing firefighters. This allows the trainees multiple attempts to hone their skills and to be able to perform with the needed knowledge to complete the Skills from the Jones & Bartlett 4th Edition. This would also allow the county departments to train the K-12 schools staff across the county to better equip our Schools for that initial response. This will also be used to train Nursing home staff and Adult Care homes on the proper use of Fire Extinguishers.
    b. This has been a pursuit since we had an opportunity to observe Michigan Technology University and Menominee County's systems and realized that we need this badly for at least the last 7-10 years.
    c. We have looked into funding this through multiple means, such as the 2% Indian Monies, Enbridge, Trans-Canada, but most of them would not provide sufficient dollars to fund the entire project.

FMG-018

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: GERALD MARTIN	**Pin Number:** 718894	**Date:** 01/29/2020
Name of Fire Department: CITY OF ALGONAC **NFIRS #:** 07401		**County:** ST. CLAIR
Fire Department Street Address: 805 ST. CLAIR RIVER DR.		
City: ALGONAC	**State:** MI	**Zip Code:** 48001
Email: jmacasphalt@gmail.com afd@cityofalgonac.org		
Applicant Phone Number: 586-764-5024	**Alternate Number:** 810-650-9633	

SECTION II

Course / Project Name: TRAINING EQUIPMENT / PROPS	**Amount Requested:** $ 8,000

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1402 / 1403 / 1410	**Curriculum / Q-Course Number:** IFSTA —
Total Capacity per Class: 18	**Total Hours per Class:** MIN. 3 HRS.
Instructor Name(s): DEPARTMENT TRAINING COMMITTEE	

SECTION III

Applicant Signature:	**Date:** 1/29/2020
Name of Applicant: GERALD R. MARTIN	**Email:** JMACASPHALT@GMAIL.COM
Fire Chief Signature:	**Date:** 01/29/2020
Name of Fire Chief: JOSEPH J. DOAN	**Email:** afd@cityofalgonac.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Program Objective

The City of Algonac Fire Department plans to use the FY20 MFFTC Training/Equipment/Props Grant for the purchase of professionally manufactured training props and the in-house construction of training props. These props will be used for Rapid Intervention, Forcible Entry, and Understanding Fire behavior.

Approximately Eight Thousand Dollars is being requested for the purchase and construction of training materials.

The FY20 MFFTC Training/Equipment/Props Grant is important for the City of Algonac Fire Department's Training Program because it will help to better train and prepare members for the many different aspects of structural firefighting and increase Firefighter Safety and efficiency during firefighting operations. Currently, the Fire Department is researching and obtaining quotes for the purchase of a heavy duty, professionally manufactured forcible entry training door prop. Forcible entry is a very important task and skillset when time is of the essence, however training can be tough because there are limited ways to practice different entry methods without having any sort of prop. This would be a great asset for training of our members.

Another set of training props that we would like to implement into our training program is in-house constructed props for Rapid intervention training and Firefighter Self rescue. The department plans to purchase materials and utilize member's carpentry skills to build props that would simulate firefighter entrapment and disorientation such as floor collapse, entanglement and SCBA confidence. Self-Rescue props; are also planned to be constructed such as wall breaching where wiring and plumbing will be installed behind drywall. The Firefighter will have to breach the drywall and climb through studs to get to safer conditions. Firefighter survival and rescue is very important to us and we want to increase our chances of going home after the call. We train as if our life depends on it because it does.

The final training props that the City of Algonac Fire Department plans to use grant monies to construct, will be for increased training on Fire Behavior and the construction of a Burn Pod. Members of our training

committee plan to construct small dollhouses with opening and closing doors to simulate how fire can grow in a room and through a structure when doors and windows are opened or closed and oxygen is introduced. This will build our knowledge of fire behavior and when to utilize transitional fire attack. This will also show new members how quickly a fire can grow. We also plan to build a small Burn Pod than can be reused several times to show fire growth in a contained room with common combustibles and furniture present in the common household. The burn pod will also allow us practice fire attack. In 2019 a training committee was formed to help revamp and enhance our current training programs allowing us to get the most out of our training hours and provide the best practical scenario training for our members. Obtaining grant monies will continue to allow us to perform an even higher level or service that our community deserves. At this time, we have not pursued any other forms of funding for training props and materials.

Monthly Incident Counts

Report Period: 2019

FDID	FD Name												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
07401	ALGONAC FIRE												
Count	57	41	50	63	74	51	73	81	75	64	59	61	749
Exposures	0	0	0	0	0	0	0	0	0	0	0	0	0
No Activity	0	0	0	0	0	0	0	0	0	0	0	0	0
Aid Given	7	8	3	3	1	6	12	6	5	6	2	1	60

FY20-083

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: JASON P. DENEAU		**Pin Number:** 603690	**Date:** 01/22/2020
Name of Fire Department: SOUTHFIELD FIRE DEPARTMENT **NFIRS #:** 06337			**County:** OAKLAND
Fire Department Street Address: 24477 LAHSER ROAD			
City: SOUTHFIELD	**State:** MI	**Zip Code:** 48033	**Email:** jdeneau@cityofsouthfield.com
Applicant Phone Number: Office: 248-796-5607		**Alternate Number:** Cell: 248-640-2914	

SECTION II

Course / Project Name: Q37E / Recon RIT	**Amount Requested:** $10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1407	**Curriculum / Q-Course Number:** Q37E
Total Capacity per Class: 28	**Total Hours per Class:** 18
Instructor Name(s): MI Bureau of Fire Services / OCC Instructors	

SECTION III

Applicant Signature: Jason P Deneau	**Date:** 01/22/2020
Name of Applicant: JASON DENEAU	**Email:** jdeneau@cityofsouthfield.com
Fire Chief Signature: Johny Menifee	**Date:** 01/22/2020
Name of Fire Chief: JOHNNY MENIFEE	**Email:** jmenifee@cityofsouthfield.com

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Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Application Question Attachment

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?

If awarded, this grant would provide funding to complete OCC's Recon RIT training program for the members of the SFD who have not attended this program.

2. How much money are you requesting to fund your grant?

We are respectfully requesting $10,000 to fund this program (cost based on quote from OCC Staff).

3. Please share in detail (using 500 words or less):

a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

This program is vital for the safety of our firefighters. We have hired 27 new firefighters within the past 3 years (with more on the way), many of which have no previous firefighting experience. This program would increase their situational awareness and allow then to practice important RIT techniques before an incident could occur on the fire ground. By having ALL of our members complete this class, it will standardize RIT techniques thus allowing them to function in any role within the team regardless of which station or shift they are assigned on any given day.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

I have been attempting to set up RIT training since I became Training Officer in 2017. Previously, we had completed several in-house trainings that our own members had come up with. My goal is to provide standardized RIT training with the most up-to-date techniques and science as created by OCC's Fire Training Staff.

c. Have you pursued other grants or funding options? If yes, please explain.

Yes. I was able to secure FY20 Fireworks funding for 1 Recon RIT class through OCC. We deployed this class on one of our three shifts as a beta test for training the rest of the Department. It was well received by our members and I was given a lot of positive feedback from our crews. Since then, I have had members from the other 2 shifts approach me about when I would be able to schedule this training for them as well.

Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFSGRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Nathan Seelye		**Pin Number:** 611264	**Date:** Jan. 24, 2020
Name of Fire Department: Maple Ridge Township Fire Department **NFIRS #:** 00407			**County:** Alpena
Fire Department Street Address: 6010 Lacomb Rd			
City: Alpena	**State:** MI	**Zip Code:** 49707	**Email:** ridge00407@gmail.com
Applicant Phone Number: 989-766-3960		**Alternate Number:** 989-884-2893	

SECTION II

Course / Project Name: Thermal Imaging Camera / Equipment to support RTC FFI – II Courses	**Amount Requested:** $9420.26

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1001	**Curriculum / Q-Course Number:** A25E
Total Capacity per Class: 30	**Total Hours per Class:** 295
Instructor Name(s): Various	

SECTION III

Applicant Signature: Nathan Seelye	**Date:** Jan. 24, 2020
Name of Applicant: Nathan Seelye	**Email:** nseelye09@yahoo.com
Fire Chief Signature: James Price	**Date:** Jan. 24, 2020
Name of Fire Chief: James Price	**Email:** pricej102712@gmail.com

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

2020 MFFTC TRAINING/EQUIPMENT-PROPS GRANT APPLICATION
Maple Ridge Township Fire Department, Alpena County

SECTION II

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment?

   The Maple Ridge Township Fire Department will purchase (i) two thermal imaging cameras (TICs), as well as (ii) necessary props for the biennial FF I & II delivered at the RTC.

2. How much money are you requesting to fund your grant?

   $9,420

Quantity	Equipment	Description	Unit Cost	Total Cost
2	Thermal Imaging Cameras	See attached quote		$5,193.75
RTC FF I & II Practical Supplies				
10	SCBA Face Piece Wipes	Allegro 5001 Respirator Wipes	$12.50	$125.00
2	1.5 Hose Line	17TD850YL	$184.62	$369.24
1	1.5 Nozzle	4863-BLK-None	$640.95	$640.95
1	50' of lifeline	None	$60.48	$60.48
1	14' roof / straight ladder	AL-PRL	$559.49	$559.49
1	Flat-head axe	WA-6	$64.99	$64.99
2	30' long rope	Rope of different diameter	$76.90	$153.80
1	10' Piece of webbing	AHF-SR-WED-30	$14.99	$14.99
1	Pike pole	36206	$55.67	$55.67
2	Flat-head axe	WA-6	$64.99	$129.98
1	12' Roof Ladder	775-A	$289.49	$289.49
1	Bolt cotters	63130	$191.00	$191.00
1	halligan (hooligan) tool	PB	$235.39	$235.39
1	Kelly tool	T80600	$881.11	$881.11
1	Lock puller (rabbit or K tool)	FH-SDREX	$171.59	$171.59
1	Pick-head axe	PHA6	$81.73	$81.73
1	Pike pole	PLY-3Ah-D-YEL	$59.04	$59.04
2	Pry bar	PP-Tool 1 crowbar, 1 pry bar	$48.59	$97.18
1	Sledge hammer	SHF	$45.39	$45.39
		TOTAL		**$9,420.26**

3. Please share in detail (using 500 words or less):
   a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of you members?

      (i) Maple Ridge Township will utilize the TICs to benefit the entire county, by housing one unit in the Department and one at the RTC. By translating heat into visible light, firefighters are able

to analyze a scene or object, quickly find the seat of a structure fire, or see the heat signature of visually obscured victims. They will be used to protect firefighters through incident stabilization and property conservation. Training will teach firefighters how to use TIC images to aid in thoughtfully planning a course of attack, and be used as a part of regular curriculum, will allow firefighters to become more effective and efficient at their job. Many of the local departments do not have thermal imaging cameras. By housing one unit in Maple Ridge, central to the county, and one at the RTC, the entire county would be able to use them for both training and live-fire.

(ii) The Alpena RTC is in the process of building an effective and efficient supply of practical equipment and props in order to deliver higher quality Firefighter I & II to the region. Through discussions held at the advisory committee, this training will take place every other year, with the opposite years hosting specialized skill training. Maple Ridge Township is committed to assisting with the accrual of training equipment for the Regional Training Center Firefighter I & II, and all practical equipment will be housed at the RTC.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

(i) Maple Ridge Township Fire Department has been interested in obtaining thermal imaging cameras for approximately 3 years. This grant will allow that to come to fruition.

(ii) The RTC was established in late 2018 and successfully delivered FF I & II during FY2019, utilizing equipment and props from local departments, in essence, stripping the trucks during practical training and testing. This is the first opportunity to pursue obtaining necessary tools to alleviate this problem.

c. Have you pursued other grants or funding options? If yes, please explain.

The Maple Ridge Fire Department has unsuccessfully pursued grant funding for thermal imaging cameras in the past, both through a FEMA SAFER grant and a Michigan DNR grant.

FORMAL BID

Date	Quote #
1/27/2020	11213

207 E KIPP RD, SUITE A
MASON MI 48854

FOR ALL RETURNED ITEMS CUSTOMER IS SUBJECT TO A 20% RE-STOCKING FEE

BILL TO	Ship To
MAPLE RIDGE FIRE 6010 LACOMB RD ALPENA MI 49707	CHIEF JIM PRICE 5558 LACOMB RD ALPENA, MI 49707

SIGNATURE REQUIRED FOR ORDER TO BE PLACED

SIGNATURE: _____ **DATE**_____

Rep
JOE H

Item	Description	Qty	Rate	Total
8007134	SCOTT V320 25 HZ FAHRENHEIT KIT INCLUDES: 2 BATTERIES, RETRACTABLE LANYARD, AND DESKTOP CHARGER IN A CARTON (3 YEAR WARRANTY)	2	2,559.375	5,118.75
SHIPPING EXTRA	SHIPPING EXTRA		0.00	0.00

Subtotal	$5,118.75
Sales Tax (0.0%)	$0.00
Total	$5,118.75

Phone #	Fax #
517-969-3065	517-969-3066

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

FMG-085

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Martin Cook		**Pin Number:** 623183	**Date:** 01/30/2020
Name of Fire Department: Milford Fire Department **NFIRS #:** 06326			**County:** Oakland
Fire Department Street Address: 325 W. Huron, Milford, MI 48381			
City: Milford	**State:** MI	**Zip Code:** 48381	**Email:** cookm@milfordfiredept.com
Applicant Phone Number: 248-653-4926		**Alternate Number:** 517-648-3537	

SECTION II

Course / Project Name: Forcible Entry Door Training Prop.	**Amount Requested:** $8,425.50

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1720, 1410, 1500	**Curriculum / Q-Course Number:** n/a
Total Capacity per Class: n/a	**Total Hours per Class:** n/a
Instructor Name(s): n/a	

SECTION III

Applicant Signature:	**Date:** 01/30/2020
Name of Applicant: Martin Cook	**Email:** cookm@milfordfiredept.com
Fire Chief Signature:	**Date:** 01/30/2020
Name of Fire Chief: Thomas Moore	**Email:** mooretm@milfordfiredept.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

Answer: If awarded, Milford Fire Department intends to use the funds to acquire a Forcible Entry Door training prop. This training prop will be used on a regular basis at our training facility at Milford Fire Station Two to improve participants skills in performing Forcible Entry during rescue and suppression activities.

2. **How much money are you requesting to fund your grant?**

Answer: $8,425.50

3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Answer: Being awarded a FY20 MFFTC Prop grant and acquisition of a Forcible Entry Door Training prop would immediately improve the skills of our members. Having access to this Forcible Entry Door Training prop will elevate their current skill set, as it will allow them to routinely perform the skill in a safe and controlled manner. Regular practice of this skill will improve member safety by taking this from a low frequency skill to a high frequency skill. Without this prop, we are unable to do the actual tool work needed to expand our skills. We believe that the more hands on the training can be, the more effective it is for our members. This hands-on training will allow them to hone their skills in a safe manner, so they are better prepared for emergencies in our community. Milford Fire Department is a Paid-on- Call/ Part Time department. Due to the nature of the Paid-on-Call environment, it is impractical to send our resources to an offsite training site to practice this skill, as we would then be depleting our jurisdiction of its responders.

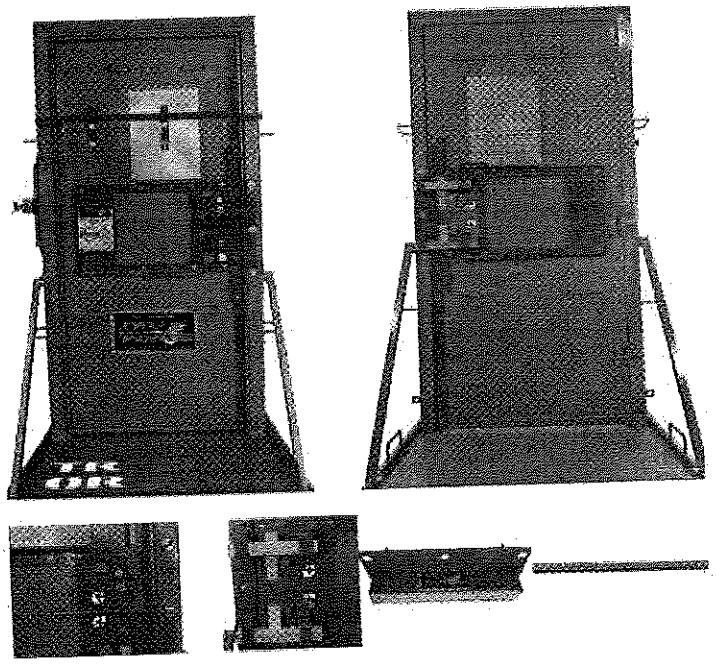
In addition to improving the skills and ultimately the safety of our members, this grant would also improve the skills of other area Fire Departments. We have already been contacted by several area departments to have joint training in 2020 and this prop would be able to be used to improve the skills of other fire departments.

Milford Fire Department has been working on our Training site at Milford Fire Department Station 2 for a little over 2 years. We were able to use a portion of our training funds to construct and modify 2 shipping containers. This has been a great improvement to our members skills as this training space provides them a safe and controlled space to practice firefighting skills. The

Forcible Entry Door Training prop would be a significant improvement to our current training site, as it would allow our staff to practice multiple skills on a training night.

To be candid, we have not pursued other grants or funding option at this juncture. At the present time, we are faced with a significant expense of replacing our SCBA's and Station Compressor. Due to the high cost of this equipment, Milford Fire Department will be pursuing a grant in 2020 for the SCBA's and Station Compressor. Access to a FY20 MFFTC Props Grant would allow us to continue our efforts to improve the training and safety of our staff at the same time we are pursuing Grant Funding for SCBA's.

301-758-5612
troxfire@gmail.com

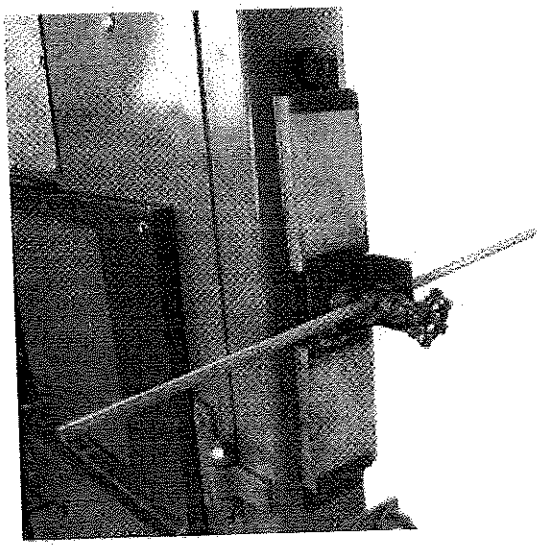


TruForce Free-Standing Portable Unit

$6,900.00

- Full-sized custom built reinforced door slab
- Can conduct inward, outward and hydraulic forcible entry evolutions
- Gap between door and jamb is adjustable
- Utilizes standard wood furring strips as the locking mechanism
- Force levels can be varied from extremely easy to extremely difficult
- Includes wood jamb attachment and steel angle iron attachment
- Assembles and disassembles in

301-758-5612
troxfire@gmail.com



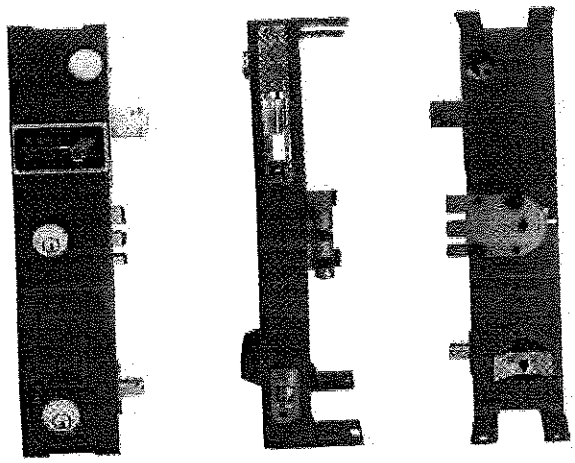
Saw-Tree Attachment

$476.00

- Designed to be utilized with the TruForce Free-Standing Portable Unit
- Utilizes ½" re-bar or other steel rods
- Allows for practicing saw forcible entry cutting techniques in many different positions

Please call for Canadian shipping rates for this product. After completing your online purchase,

301-758-5612
troxfire@gmail.com



Through-the-Lock Attachment

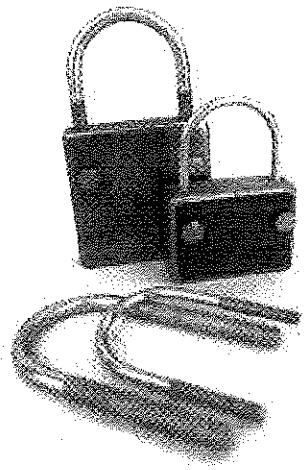
$799.00

- Designed to be utilized with the TruForce Self-installed or Free-Standing unit
- Allows members to practice realistic through-the-lock forcible entry skills
- Designed to utilize K-tool, Rex Tool and other through-the-lock tools

Includes:

- Adams-Rite Storefront style lock
- Tubular Residential lock
- Residential rim style lock

301-758-5612
troxfire@gmail.com



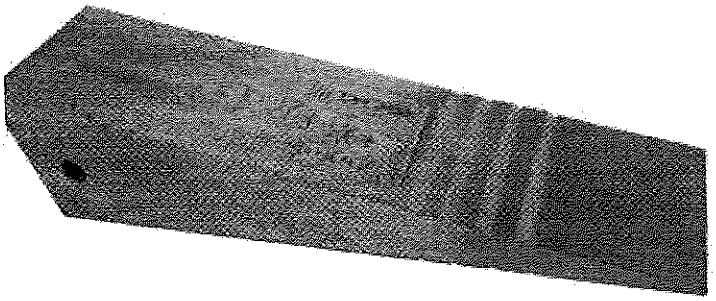
Re-usable Pad Locks (pair of 2)

$229.00

- Hardened steel padlocks with replaceable steel shackles
- Locks can be forced and/or cut numerous times
- Can be attached to the TruForce Free-Standing unit or any other prop

1 ADD TO CART

301-758-5612
troxfire@gmail.com



Force Wedge

$21.50

- The original firefighter designed and firefighter tested aluminum forcible entry wedge
- Constructed of heavy duty aircraft grade aluminum
- Light weight
- Extremely Strong
- Durable

Uses include:

- Forcing inward-opening doors in conjunction with a Halligan Bar
- Holding progress when

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-086

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: James Young	**Pin Number:** 711964	**Date:** 1-30-20
Name of Fire Department:		**County:** Genesee
NFIRS #: 02516		
Fire Department Street Address: 11649 N Saginaw St		
City: Mt Morris	**State:** MI	**Zip Code:** 48458
Email: JYoung@CityofMtMorris.org		
Applicant Phone Number: 810-835-5220	**Alternate Number:**	

SECTION II

Course / Project Name: Search and Rescue nozzle/Forcible entry simulator	**Amount Requested:** 9685.93

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1670, 2500, 1720, 1001, 1710	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 1-30-20
Name of Applicant: James Young	**Email:** JYoung@CityofMtMorris.org
Fire Chief Signature:	**Date:** 1-30-20
Name of Fire Chief: James Young	**Email:** JYoung@CityofMtMorris.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. We intend to use the grant to purchase a search and rescues maze from the fire store as well as a Kieser Forcible Entry simulator. We would use these both to fully train staff in forcible entry as well as search and rescue skills.

2. We are requesting $9685.93

3.

   a. The maze would allow us to be able to set up different scenarios in our fire station to teach search and rescue skills. We are currently limited by using homemade props, tables or whatever else we can find to make each scenario or course different. We do have access to a smoke house at a neighboring department but everyone knows the layout of our station and the smoke house so only so many things we can do to make each scenario different. The maze would allow us to chance each scenario on the fly and to make each training opportunity unique and different for each member. We would be able to incorporate more real life scenarios with the maze and make sure everyone is ready for the real life situation when it comes and make them ready to potentially save a life. The Kieser Forcible Entry simulator would allow us to train members on modern equipment and have them ready to be able to actually force entry in real life conditions. Currently we use a tractor tire as well as homemade prop that are antiquated at best. We train jointly with three surrounding departments annually so these items wouldn't only effect our department but there's as well.

   b. We have asked our city council to fund these items the last three years to fund these items.

   c. Our budgeted operating expense account is usually only around $9500 for the whole year so we cannot afford to buy the items on our own. I have also applied for grand funding thru firehouse subs as well twice in the last two years for similar items and have been turned down.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Michael Hewartson	**Pin Number:** 605889	**Date:** 1/29/2020
Name of Fire Department: Muskegon Fire Department **NFIRS #:** 06110		**County:** Muskegon
Fire Department Street Address: 770 Terrace Street		
City: Muskegon / **State:** Michigan	**Zip Code:** 49440	**Email:** michael.hewartson@shorelinecity.com
Applicant Phone Number: (616) 644-6316	**Alternate Number:** (231) 724-6795	

SECTION II

Course / Project Name: Multi-Force Door Simulator	**Amount Requested:** $7,500

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1710	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): N/A	

SECTION III

Applicant Signature: M Hewart	**Date:** 1/29/2020
Name of Applicant: Michael Hewartson	**Email:** michael.hewartson@shorelinecity.com
Fire Chief Signature: Harold Jay Paulson	**Date:** 1-29-2020
Name of Fire Chief: Harold Jay Paulson	**Email:** Jay.Paulson@Shorelinecity.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1/29/2020

FY20 MFFTC GRANT APPLICATION
MUSKEGON FIRE DEPARTMENT

Application Questions:

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?

The City of Muskegon is requesting money for a Multi-Force Door Simulator with a Cutting Station attachment. This prop will provide the training needed to improve forcible entry skills, allowing us to access victim(s) or hazard(s) in a timely manner.

2. How much money are you requesting to fund your grant?

The City of Muskegon is requesting $7,500 for the Multi-Force Door Simulator with a Cutting Station attachment. Add-ons included with this Multi-Force Door are; templates for the cutting station, owners DVD, training DVD, bungees, angle irons, chocks, added instruction, wood bundles, safety spike plate, and four rubber base mats.

3. Please share in detail (using 500 words or less):

a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

c. Have you pursued other grants or funding options? If yes, please explain.

a. The ability to train and teach forcible entry is one of the more difficult skills to practice in the fire service. In recent years there has been an increasing need for forcible entry skills. Historically our department has not had opportunities to train in this skill area. Having a Multi-Force Door Simulator will allow for skill development of future firefighters as well as sharpen the existing skills of present members of the fire department. This will result in continued growth for the department, which will directly benefit the residents of the City of Muskegon as well as the County of Muskegon. Forcible entry skills are crucial if the victim(s) are in desperate need of assistance. The Cutting Station will help with training of various locking mechanisms that are frequently encountered by first responders. The fire department's primary job is to

efficiently and effectively attend to the emergency at hand; if the department can also prevent additional damages to the property by using proper entry techniques, this will create a stronger relationship with the public. These relationships are vital and tend to result in stronger support from the department's surrounding community thus allowing Muskegon Fire Department to be better equipped for emergency situations, create a safer environment within the department, and aid in compliance with NFPA/OSHA standards.

b. The Muskegon Fire Department has been researching this training prop for approximately six months. After being granted access to a closed prison facility for four days of training, it became apparent to the department that forcible entry was a skill that needed continued practice. In addition, since January of 2019, Muskegon Fire has experienced an increase of inexperienced personnel and a rapid decrease of seasoned members. As staffing changes occurred, it was observed that oncoming personnel had not been adequately trained in forcible entry techniques. Therefore, having this training prop would not only help experienced firefighters sharpen existing skills but would also provide adequate beginner training to new team members.

c. This is the Muskegon Fire Department's first attempt at gaining financial assistance for the Multi-Force Door Simulator and Cutting Station. Should this grant be awarded, future training provided by this prop will aid in the professional development of firefighters in the Muskegon area as we plan on making this prop available to surrounding departments. The skill set obtained from this training and development will result in departments that are better able to provide timely responses to emergencies in their respective communities.

In conclusion, if Muskegon Fire Department were to be awarded this grant, the department will invite the State of Michigan Fire Fighters Training Council to any training sessions where the Multi-Force Door Simulator will be in use. At these trainings, the Council will be able to observe the benefits being provided by their generous donation, and see the positive impact that it will have on the City of Muskegon and surrounding communities. The Muskegon Fire Department would like to thank you for your consideration and time in reviewing this request.

FMG-089

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Fire Marshal James Wren		**Pin Number:** 06313	**Date:** 01/20/2020
Name of Fire Department: Farmington Public Safety **NFIRS #:** 06313			**County:** Oakland
Fire Department Street Address: 23600 Liberty St			
City: Farmington	**State:** MI	**Zip Code:** 48335	**Email:** jwren@farmgov.com
Applicant Phone Number: 248-474-4700		**Alternate Number:** (cell) 989-944-4400	

SECTION II

Course / Project Name: Flashover Training	**Amount Requested:** $4000

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:** Q15A
Total Capacity per Class: 25	**Total Hours per Class:** 8 hours
Instructor Name(s): Oakland Fire Training Institute training staff	

SECTION III

Applicant Signature: J. Wren	**Date:** 1/20/2020
Name of Applicant: Fire Marshal James Wren	**Email:** jwren@farmgov.com
Fire Chief Signature:	**Date:** 1/20/2020
Name of Fire Chief: Chief Frank Demers	**Email:** fdemers@farmgov.com

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

23600 LIBERTY
FARMINGTON, MI 48335

CITY OF

FARMINGTON

BUS.(248) 474-4700
FAX (248) 442-9815
WWW.FARMGOV.COM

1. If awarded FY20 equipment and training funds, the Farmington Public Safety Department intends to educate its firefighters with state-of-the-art flashover training. This training would be provided by the Oakland Fire Training Institute, which provides a live fire flashover simulator that can be brought to our training facility.

2. The Farmington Public Safety Department is requesting $4,000 dollars in grant funding. $3,700.00 would provide 8 hours of the live fire flashover training for 25 students. This cost includes certified instructors and operators who are provided by Oakland Fire Training Institute. The remaining $300.00 would be needed to purchase lumber for the live fire evolutions.

3. The Oakland Fire Training Institute offers a unique training experience that provides firefighters with the most cutting edge live fire training program currently available to the fire service. The Oakland Fire Training Institute would bring their state-of-the-art Phase One Mobile Flashover training unit to the Farmington Public Safety Departments fire training tower. Oakland Fire Training Institute instructors would provide eight hours of instruction which consists of both class room training and hands on exercises.

   Inside the mobile flashover training unit, instructors will demonstrate what a flashover is and how fire behaves using class "A" combustibles such as wood. Students will observe the phases of fire progression from the incipient phase, fire growth, smoke production, high and low pressure zones, thermal feedback, rollover and flashover. This hands-on training would be an amazing opportunity for new and veteran firefighters to hone their skills learning about and fire behavior. Being able to see fire growth and learn the variables of a flashover provides a firefighter with the expertise and knowledge that could help save a life.

   Flashover training has been a priority for the Farmington Public Safety Department for a number of years; however, until the creation of the Mobile Flashover Training Unit, it has been unfeasible. Traditionally flashover simulators were fixed structures which required fire departments to bring their own equipment and apparatus. For a smaller agency such as the Farmington Public Safety Department this was not an option. The training was too far away or fiscally impossible. If awarded, this grant would provide needed training and experience to protect citizens and keep firefighters safe.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-090

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Joel W Boyer		**Pin Number:** 571066	**Date:** 01/30/2020
Name of Fire Department: Sauble-Elk-Eden Townships **NFIRS #:** 43-04			**County:** Lake
Fire Department Street Address: 8906 W. 6 Mile Rd			
City: Irons	**State:** MI	**Zip Code:** 49644	**Email:** jowboyer03@gmail.com
Applicant Phone Number: 616-813-5402		**Alternate Number:** N/A	

SECTION II

Course / Project Name: Multi Force Forcible Entry Door	**Amount Requested:** 8000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): N/A	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): N/A	

SECTION III

Applicant Signature:	**Date:** 01-30-2020
Name of Applicant: Joel W Boyer	**Email:** jowboyer03@gmail.com
Fire Chief Signature: Greg Bombich	**Date:** 01-30-2020
Name of Fire Chief: Greg Bombich	**Email:** Greg@bombichfamily.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION
For Sauble-Elk-Eden Twps Fire Department
Section 2 Application Question Answers

1. The Multi Force Forcible Entry Door will be used to enhance the training of our fire fighters in forcible entry techniques. Forcible entry is difficult to be good at without the use of a good prop.
2. We are requesting $8000.00
3. This is the first time that we have pursued any funding for this project. I became aware that some other departments in Michigan have obtained grants for the Multi Force Forcible Entry Door and they are very happy with the product. Our department and county have no forcible entry props. Forcible entry is one skill that can only be mastered with practical evolutions. Sauble-Elk-Eden Twps Fire Department serves three townships in the NW corner of Lake County. All of the county instructors are on Sauble-Elk-Eden Townships Fire Department. We would use this door to not only train our members in forcible entry techniques, but this door would be used in the Lake County Fire Fighter 1 & 2 classes. We also border Mason and Manistee counties, so this door would be used to provide training to fire fighters from Mason and Manistee counties as well. This grant would make this training possible.

FMG-092

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Sam Dimitroff		**Pin Number:** 554575	**Date:** 01/24/2020
Name of Fire Department: Montrose Township Fire Department **NFIRS #:** 2515			**County:** Genesee
Fire Department Street Address: 11444 N. Seymour Rd			
City: Montrose	**State:** MI	**Zip Code:** 48457	**Email:** fire3521@gmail.com
Applicant Phone Number: 810-247-8312		**Alternate Number:** 810-639-7777	

SECTION II

Course / Project Name: Rapid Intervention Team	**Amount Requested:** $900.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1500	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: 24	**Total Hours per Class:** 8
Instructor Name(s): Brent Connell	

SECTION III

Applicant Signature:	**Date:** 01/24/2020
Name of Applicant: Sam Dimitroff	**Email:** fire3521@gmail.com
Fire Chief Signature:	**Date:** 01/24/2020
Name of Fire Chief: George Taylor	**Email:** gtaylor@montrosetownship.org

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

Montrose Township Fire Department

Fire Chief George Taylor

Dear, MFFTC members

The Montrose Township Fire Department and its mutual aid department, which is the City of Flushing Fire Department, is respectfully applying for a grant in the amount of $900 from the FY20 Michigan Fire Fighters Training Council.

The two fire departments believe the grant money will be beneficial in several areas. First, it will help to expand the department's knowledge related to Rapid Intervention Teams (RIT). Currently, only two firefighters possess RIT technician status. It is the goal of the two fire departments to have every firefighter achieve the advance skills RIT offers.

In addition, the $900 grant, if awarded, will be useful toward the upcoming scenario-based and hands-on training the fire personnel need to use their newly purchased Self-Contained Breathing Apparatus (SCBA) kits. In September, 2019, the two fire departments were dually awarded a $271,433.58 FEMA grant to acquire 44 SCBA kits. The kits were ordered and received. They will offer improved safety for the firefighters as they rely on such equipment to battle structure fires. Each kit is a positive-pressure, respiratory protective device that delivers air to the wearer via an "airline" connected to a remote breathable air source.

Having the modern equipment is an asset for the rescue workers, but it requires new training to learn how to use them properly. With the grant funding, the two departments can ensure appropriate training for its end users to provide breathable air in an immediately dangerous to life or health atmosphere (IDLH).

By offering training in RIT and in the use of the SCBA kits, Montrose Township and the City of Flushing Fire Departments give evidence to their priority in keeping its firefighting members safe and protected with state-of-the-art gear.

When a firefighter feels protected and secure, he or she can battle the flames of a fire more assertively. By pursuing this grant, the leadership of the two fire departments are demonstrating their ability to help elevate and expand the firefighting skills of their members. This forward-thinking management also promotes morale and lets its members know they are valued.

No other grants pertaining to training have been sought. This FY20 MFFTC grant will certainly be advantageous and help alleviate expenses toward training.

In closing, the two fire departments and its chiefs – George Taylor and James Michael, thank State Fire Marshal/Director Kevin J. Sehlmeyer for his service to Michigan Fire Service groups such as ours. We submit this request and are hopeful to become recipients of the FY20 MFFTC grant.

11155 Nichols Road, P.O. Box 3128 – Montrose, MI 48457
Telephone: (810) 639-7777 – Fax (810) 639-2585
Web Site: www.montrosetownship.org Email: gtaylor@montrosetownship.org

FMG-101

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Jed Wild		**Pin Number:** 566565	**Date:** 1-31-2020
Name of Fire Department: Hartford Fire Department **NFIRS #:** 08006			**County:** Van Buren
Fire Department Street Address: 436 East main Street			
City: Hartford	**State:** Michigan	**Zip Code:** 49057	**Email:** jedwild@gmail.com
Applicant Phone Number: 269-744-5296		**Alternate Number:**	

SECTION II

Course / Project Name: Search and Rescue props	**Amount Requested:** $4,460.14

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1404, 1407, 1410,	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): N/A	

SECTION III

Applicant Signature:	**Date:** 1-31-2020
Name of Applicant: Jed Wild	**Email:** jedwild@gmail.com
Fire Chief Signature: R Harting	**Date:** 1-31-2020
Name of Fire Chief: Robbie Harting	**Email:** hartfordfirechief@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1-30-2020

To: MFFTC

Re: FY2020 MFFTC Training / equipment / props grant application

1. The Hartford fire department would like to purchase a Lion Smart Dummy, smoke machine and liquid smoke to be able to enhance our search and rescue training for not only our department, but all of our MA partners.
2. We are requesting $4,460.14 for the purchase of the following items:
   1-Lion Smart Dummy-$3,015.60
   1- Ultra Tec battle Fogger-$1,206.59

   5- Ultra Tec fire and safety longer lasting smoke-$47.59 X 5=$237.95

3.

   A. **Why is the FY20 MFFTC Training / Equipment / Props Grant is important to elevating or expanding the firefighting skills of your members?**
   Having the opportunity to simulate working fire scenes for our members. Although the main priority with these training props is to enhance the experience of firefighters in a search and rescue situation, the opportunities for ventilation, victim / patient moving are endless. This mannikin is built for rescue operations and can be used for all hazards trainings, extrication, fire, rescue, technical rescue, etc. Having the opportunity to provide simulated smoke to a training environment is extremely valuable. The experience and confidence building especially for new fire service members receive in these types of training will mold them into better firefighters.
   Although the Hartford FD will be the owners of these training props, we fully intend on allowing neighboring departments the ability to join us or borrow this equipment for their own departments training.

   B. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/ prop?**
   The purchase of this equipment has been discussed for the past several years.

   C.
   Have you pursued other grants or funding options? If yes, please explain.
   We have not found any other grant opportunities that would provide funding for this project.

FMG-102

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: City of Kalamazoo		**Pin Number:** 575094	**Date:** January 30, 2020
Name of Fire Department: Kalamazoo Department of Public Safety **NFIRS #:** 3909			**County:** Kalamazoo
Fire Department Street Address: 150 E. Crosstown			
City: Kalamazoo	**State:** Michigan	**Zip Code:** 49001	**Email:** tibbetsr@kalamazoocity.org
Applicant Phone Number: (269)337-8243		**Alternate Number:** (269)3378270	

SECTION II

Course / Project Name: Kalamazoo Thermal Imaging Training	**Amount Requested:** $9,600

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1801, 1408	**Curriculum / Q-Course Number:** Q708
Total Capacity per Class: Classroom sessions will accommodate up to 48 students and the hands-on sessions will accommodate 12 students.	**Total Hours per Class:** 2 classroom sessions-5 hours each and 4 hands-on sessions-8 hours each
Instructor Name(s): SAFE-IR Instructors	

SECTION III

Applicant Signature: Ryan Tibbets	**Date:** January 30, 2020
Name of Applicant: Ryan Tibbets	**Email:** tibbetsr@kalamazoocity.org
Fire Chief Signature: K Thomas	**Date:** January 30, 2020
Name of Fire Chief: Karianne Thomas	**Email:** thomask@kalamazoocity.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

2020 Kalamazoo Training Grant
Course/Project Questions

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?

The City of Kalamazoo Department of Public Safety is proposing to host the SAFE-IR-Thermal Imaging Training (Q70B).

2. How much money are you requesting for your 2019 MFFTC Training Grant?

$9,600

3. Please share in detail (using 500 words or less):

a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

The City of Kalamazoo Department of Public Safety (KDPS) responded to over 10,000 fire and EMS calls for service in 2019. It is the goal of KDPS to equip our members with the tools, technology and training necessary to operate safely on the fireground. KDPS currently has 26 thermal imaging cameras that are deployed on fire apparatus throughout the community. KDPS members lack the formal training needed to utilize thermal imaging cameras to their fullest potential. It is our belief that the proposed training will greatly expand the knowledge, skills, and abilities of our members. The proposed two-day program will provide firefighters an opportunity to learn how to use their thermal imager correctly in both classroom and live burn scenarios with emphasis on proper image interpretation.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

One of the top fire training requests that was received in 2019 was for thermal imaging training. KDPS has been actively pursuing alternate funding for training and specifically the SAFE-IR-Thermal Imaging Training (Q70B) for several years.

c. Have you pursued other grants or funding options? If yes, please explain.

KDPS has not identified any alternate funding opportunities to provide the requested training.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-103

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Brett Miller		**Pin Number:** 605039	**Date:** 1/29/2020
Name of Fire Department: Alpena Fire Department **NFIRS #:** 00401			**County:** Alpena
Fire Department Street Address: 501 W. Chisholm			
City: Alpena	**State:** Michigan	**Zip Code:** 49707	**Email:** brettm@alpena.mi.us
Applicant Phone Number: 989-354-1850		**Alternate Number:** 989-464-4880	

SECTION II

Course / Project Name: Keiser Force Machine, King Ceiling Prop	**Amount Requested:** $9138.36

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1583	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 1/29/2020
Name of Applicant: Brett Miller	**Email:** brettm@alpena.mi.us
Fire Chief Signature:	**Date:** 1/29/2020
Name of Fire Chief: Bill Forbush	**Email:** billf@alpena.mi.us

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

2020 MFFTC TRAINING/EQUIPMENT-PROPS GRANT APPLICATION
Alpena City Fire Department, Alpena County

SECTION II

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment?

   The Alpena City Fire Department will purchase an aluminum overhaul training prop and a forcible entry prop. They will be used for the education of our members and members of fire departments in our county. Both will be made available to the biennial FF I & II delivered by RTC.

2. How much money are you requesting to fund your grant?

Aluminum Firefighter Overhaul Training Prop w/shipping	$6,094.97
Force Machine, Forcible Entry Prop	$3,043.39
TOTAL	**$9,138.36**

3. Please share in detail (using 500 words or less):
   a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of you members?

      This grant is important to expand the skills of our members through new and more realistic training opportunities. The overhaul trainer incorporates pike poles, halligans, and plaster hooks, and provides a genuine representation of tools used in the field. The forcible entry trainer uses actual sledge hammers and axes that firefighters will encounter at work. In addition, it will allow active firefighters an opportunity for continuous improvement in personal physical fitness, while honing a necessary skill. Both props will be made available to the Alpena RTC for practical lessons and assessment in the Firefighter I & II courses that are offered biennially.

   b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

      Alpena City Fire Department has been trying to obtain this prop for over 3 years, but has been unable to work the purchase in to the budget. With the implementation of the RTC, it is logical and timely to apply for grant funds and acquire the equipment, as it will not only benefit Department training, but be able to extend the opportunity for skills-upgrades to a larger audience.

   c. Have you pursued other grants or funding options? If yes, please explain.

      Alpena City Fire Department is in the process of requesting a grant through the Community Foundation of Northeast Michigan.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-109

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SECTION I

Name of Applicant: Chris Corzine	**Pin Number:** 555118	**Date:** 1-30-2020
Name of Fire Department: Howard Township **NFIRS #:** 01404		**County:** CASS
Fire Department Street Address: 2690 Lakeshore Dr.		
City: Niles	**State:** MI	**Zip Code:** 49120
Email: chiefhtfd@comcast.n		
Applicant Phone Number: 269-635-9083	**Alternate Number:** 269-683-2384	

SECTION II

Course / Project Name: Search & Rescue	**Amount Requested:** $5,500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature: Chris Corzine	**Date:** 1-30-2020
Name of Applicant: Chris Corzine	**Email:** chiefhtfd@comcast.net
Fire Chief Signature: Chris Corzine	**Date:** 1-30-2020
Name of Fire Chief: Chris Corzine	**Email:** chiefhtfd@comcast.net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Howard Township Fire Department 2020

1. The grant money would be used for Search & Rescue training equipment and props. We'd purchase a rescue mannequin with harness, a new smoke generating machine with an extra supply of liquid smoke, and lumber and raw materials for building our own reusable props such as Denver Drill window simulation, etc.

2. We are requesting a total of $5,500.00 to cover all costs.

3. a. Simulated smoke-filled environments are an essential park of firefighter training for both new and veteran firefighters. In a volunteer department where call volume for structure fires is lower than average, this simulated training becomes even more important.
   The smoke machine would be used for interior firefighting tactics, search and rescue of a victim, RIT search and rescue, firefighter survival and self-rescue, mayday drills, and any other drill or skill to be practiced in a low visibility smoke-filled environment. We would also use this smoke machine with our fire prevention trailer in Cass County which is designed as a home setting where children navigate through the home and encounter different obstacles and scenarios while light smoke is issued throughout the trailer depending on the age and the child. We use this at schools, festivals, and other events.
   The rescue mannequin will be used for much of the same training listed above and will give firefighters the much-needed realism of working with life size and weight victims. We will also use this mannequin to place in other rescue training scenarios that would be risky for a firefighter or when you don't want to commit personnel, example; vehicle extrications, confined space, high angle, victim or firefighter ladder rescue. With this style mannequin (Simulaids Randy 9000) it can be submersed in water, our department has regular ice and water rescue trainings for lakes, creeks, and other small bodies of water in our coverage area. This would be an invaluable tool for us in these trainings. The mannequin would also be used as a physical fitness training aid for all firefighters.

   b. We have always tried to facilitate these props into our trainings by borrowing equipment from surrounding departments. We had a rescue mannequin that we finally had to discard because it was no longer functional. We have had props that we built for Denver Drills etc. but again over years of repeated use they are not usable anymore.

   c. Our department does not have a fire mileage, all of our funding for the fire department budget comes form taxes. We have received donations from local businesses recently and have used those funds toward our smoke detector program to install detectors in homes of people in need, and also fire prevention materials.

Thank you in advance for your consideration of our request. The fireworks safety fund presents a great opportunity for Michigan fire departments to receive much needed funds for lifesaving training.

Sincerely,

Chris Corzine
Fire Chief
Howard Township Fire Department
Niles, MI

FMG-110

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Thomas Kuhn		**Pin Number:** 700991	**Date:** 01/30/2020
Name of Fire Department: Armada Twp. Fire Department **NFIRS #:** 05001			**County:** Macomb
Fire Department Street Address: 23175 Armada Center Rd.			
City: Armada	**State:** MI	**Zip Code:** 48005	**Email:** kuhn.fire@armadatwp.org
Applicant Phone Number: 248-830-0577		**Alternate Number:** 586-784-9464	

SECTION II

Course / Project Name: Fire Ground Survival and Rapid Intervention Teams	**Amount Requested:** $10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1584	**Curriculum / Q-Course Number:** Q37J
Total Capacity per Class: 16	**Total Hours per Class:** 24
Instructor Name(s): Thomas Kuhn	

SECTION III

Applicant Signature:	**Date:** 01/30/2020
Name of Applicant: Thomas Kuhn	**Email:** kuhn.fire@armadatwp.org
Fire Chief Signature:	**Date:** 01/30/2020
Name of Fire Chief: Chris Krotche	**Email:** chiefkrotche@armadatwp.org

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

NFIRS #'s
Armada Township - 05001

Course/Project Questions:

1. If awarded the 2020 MFFTC Training Grant, Armada Township Fire Department will host one Advanced Rapid Intervention Team Training. The program is a three-day, 24-hour class intended to enhance RIT abilities. At the completion of this course, each student will be certified through the Fire Department Training Network.

2. $10,000.00

3. With the funding from the FY20 MFFTC Grant the Armada Township Fire department (ATFD) will be conducting an Advanced Rapid Intervention Team Training. It is the intent of the ATFD to conduct this training in September of 2020. By conducting the training as described there will be approx. 10 seats open to neighboring departments. With the funding of this class Armada twp. Fire Department will be able to continue the efforts we and our mutual aid departments have made over the last 5 years.

In the past two years the ATFD has experienced an exorbitant amount of turnover in our suppression personnel. This coupled with the increased request for, and use of mutual aid has made it imperative that we maintain operational abilities with our mutual aid departments. The funding provided by the MFFTC Training Grant would allow the ATFD and surrounding departments to operate safer and more efficiently on scene.

The training requested is the next step in a 5 years Rapid Intervention Team Initiative that has taken place with ATFD and surrounding departments. The requested training comes from The Fire Department Training Network. The Fire Department Training Network is sponsoring the training and has certified 15,000 firefighters worldwide reaching over 1,000 fire departments. In 2016 2 members from ATFD And 2 members from Washington Twp. Fire Department attended their Rapid Intervention Team train the trainer class. Since receiving this training, the knowledge from this class has been implemented operationally in the area. The training allowed ATFD and the surrounding Fire Departments to operate seamlessly on incidents. Since 2016 dozens of Firefighters have been taught these skills and with this funding, we will be able to continue this process.

The total cost being requested will provide firefighters with class room training, along with practical station exercises. The class will conclude with final day scenarios and a written exam. Successful completion of ALL activities and a score of 80% or higher on the written exam will certify firefighters through the Fire Department Training Network.

In 2019 Macomb county received funding for two Advanced Rapid Intervention Team Trainings. Firefighters from all but two departments in Macomb county. The intent is to spread this training across the county and utilize it as the standard for Rapid Intervention Team operations in Macomb county. Utilizing the MFFTC grant program has been the biggest funding method that has been pursued for this training.

In closing the funding for this training would have a direct impact to fire ground operations, not only in the ATFD but in Macomb county as a whole. This training has the potential to save fire fighter lives.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-112

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: THOMAS ROWLEY	**Pin Number:** 550415	**Date:** 1-31-20
Name of Fire Department: CHESTERFIELD TWP. FIRE DEPT. **NFIRS #:** 05003		**County:** MACOMB
Fire Department Street Address: 46525 CONTINENTAL DR.		
City: CHESTERFIELD TWP **State:** MI	**Zip Code:** 48047	**Email:** TROWLEY@CHESTERFIELDFIRE.ORG
Applicant Phone Number: 586-531-1468	**Alternate Number:** 586-725-2233	

SECTION II

Course / Project Name: FLASHOVER TRAINING	**Amount Requested:** $5000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403, 1001	**Curriculum / Q-Course Number:** Q15A
Total Capacity per Class: 16	**Total Hours per Class:** 4
Instructor Name(s): OAKLAND COMMUNITY COLLEGE INSTRUCTORS	

SECTION III

Applicant Signature: Thomas Rowley	**Date:** 1-31-20
Name of Applicant: THOMAS ROWLEY	**Email:** TROWLEY@CHESTERFIELDFIRE.ORG
Fire Chief Signature:	**Date:** 1-31-20
Name of Fire Chief: CRAIG E. MILLER	**Email:** CMILLER@CHESTERFIELDFIRE.ORG

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Course/Project 500 words or less

This training is designed so that fire behavior can be observed in a "controlled" environment. It will help to increase the knowledge of fire behavior and to teach our personnel how to recognize the warning signs of flashover. Because the Flashover Unit is not influenced by artificial or individual factors it is considered the most realistic fire training available.

Key points of the training include being able to witness the incipient phase of the fire, fire growth, smoke production, high and low pressure zones, thermal feedback, rollover and flashover. Our personnel will be shown, and can practice under working fire conditions, nozzle techniques that can be used in any interior setting.

The Chesterfield Twp. Fire Department started looking to obtain live fire training approximately 6 months ago as it was recognized that only 14 members out of the soon to be 40 personnel on our department have any true firefighting experience. The department has not pursued any other grants or funding at this time for this training.

Course/Project 100 words or less

With the requested funds of $5000.00 the Chesterfield Twp. Fire Department is looking to increase the knowledge of fire behavior to our 35 current and 5 up and coming fire personnel. The goal of this training is to teach our personnel how to recognize the warning signs of flashover. This training is one of the most realistic fire trainings available and would be invaluable to our department.

FMG-113

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: John Gillies		**Pin Number:** 578358	**Date:** 01/31/2020
Name of Fire Department: **NFIRS #:** 05007			**County:** Macomb
Fire Department Street Address: 33000 Garfield			
City: Fraser	**State:** MI	**Zip Code:** 48026	**Email:** gilliesj@fraserdps.com
Applicant Phone Number: (586)634-7457		**Alternate Number:** (586)293-2000 ext 608	

SECTION II

Course / Project Name: Fraser Fire Training Facility	**Amount Requested:** $2,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1001, NFPA 1410	**Curriculum / Q-Course Number:** Structural Firefighting/RIT
Total Capacity per Class: 16	**Total Hours per Class:** 8
Instructor Name(s): John Gillies, Scott Witkowski	

SECTION III

Applicant Signature:	**Date:** 01/31/2020
Name of Applicant: John Gillies	**Email:** gilliesj@fraserdps.com
Fire Chief Signature:	**Date:** 01/31/2020
Name of Fire Chief: Michael Pettyes	**Email:** pettyesm@fraserdps.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

1. Fraser Department of Public Safety would use funds awarded to build permanent training props inside of a two-story city owned storage building. These props would provide personnel the opportunity to train hands-on during monthly training. Training abilities would include search & rescue, RIT, hose advancing, ground ladders and fire ground survival.
2. $2,000.00
3. Fraser Department of Public Safety has recently had a large turnover of veteran personnel, leaving the department comprised of numerous personnel with minimal structural firefighting experience. Permanent props would be constructed inside of this building to allow for monthly training that would focus on hands-on skills that our personnel will be required to perform on a fire scene in the City of Fraser.
   In the past, our department was able to train and practice these skills at donated structures that were donated and later demolished. The last structure that the department acquired for training was three years ago, with personnel conducting numerous trainings that were reported as very beneficial by personnel. These permanent props would allow personnel to train hands-on scenarios that trainers are not currently able to simulate at our station.
   The portion of the city owned building recently acquired by the department for training is two stories and was previously used for storage. Both levels consist one room that is 30ft x 30ft. Awarded funds would be used to purchase lumber, drywall, doors and building supplies to build permanent walls on the second floor to simulate the interior of a residential structure. Props would also be constructed using plans acquired from Fire Department Training Network RIT trainings. Department personnel would conduct construction of these permanent props. Walls constructed will have sections where personnel will demonstrate wall breaching and a window would also be installed on the second floor for personnel to train with ground ladders. Tactics such as Vent Enter Isolate Search, window bails and ladder rescues would also be covered. These permanent props will provide the opportunity for department to conduct hands-on training in this facility for several years to come. No live fire training will be conducted at this facility.
   Over the past three years, our department has focused training on the research findings about the modern fire environment and fire behavior, which has greatly changed our tactics. This has our personnel focusing on a transitional attack, where the ability to advance hose lines into structures in an efficient manner is important. This structure would provide personnel with the ability to practice advancing charged hose lines into a structure and overcoming obstructions and tight quarters.
   The training division received control of this area in July 2019. When asked about funds for building materials, the training committee was advised that the funds aren't available in the budget. A large portion of the training budget is being utilized to send personnel to the fire academy and EMT school, leaving little room in the fire training budget for these building materials. The materials needed in this project will build a training center that will provide firefighters with the hands-on repetitions that will save lives.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-116

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Darin Himes		**Pin Number:** 782504	**Date:** 01/31/2020
Name of Fire Department: **NFIRS #:** 00406 Long Rapids Fire Department			**County:** Alpena
Fire Department Street Address: 5310 M65 North			
City: Lachine	**State:** MI	**Zip Code:** 49753	**Email:** darin.himes@lafargeholcim.com
Applicant Phone Number: 989-464-4852		**Alternate Number:** 989-379-3650	

SECTION II

Course / Project Name: High Angle Rescue Equipment/Gear	**Amount Requested:** $7,664.20 With Practical Supplies $9,787.73

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1006 & 1670	**Curriculum / Q-Course Number:** TBD By Alpena Community College
Total Capacity per Class: 20	**Total Hours per Class:** 40 Hours Ropes I & 40 Hours Ropes II
Instructor Name(s): TBD with Alpena City Fire and Alpena Community College	

SECTION III

Applicant Signature:	**Date:** 01/31/2020
Name of Applicant: Darin Himes	**Email:** darin.himes@lafargeholcim.com
Fire Chief Signature:	**Date:** 01/31/2020
Name of Fire Chief: W. Neil MacArthur	**Email:** nopmac2@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

6740 Cortona Dr.
Goleta, CA 93117
P: 805-562-9120
F: 805-562-9870
cmcpro.com

Quote: 805515
Customer: 63355
Date Quoted: 1/29/2020

To:
ALPENA COMMUNITY COLLEGE
665 JOHNSON ST
ALPENA MI 49707

Quote Valid Thru: 4/30/2020
Terms: Prepaid

Attn: LISA BLUMENTHAL

Line	Part	Description	Qty		Unit Price	Net Price
1	202675	HARNESS, WORK-RESCUE LARGE, CMC/ROCO	4	Each	$751.00	$3,004.00
2	345113-01	HELMET, VERTEX 2 VENT RED, PETZL	6	Each	$99.95	$599.70
3	281109	ROPE, STATIC-PRO 7/16 RED, CMC *One spool of 800 feet*	800	Foot	$1.24	$992.00
4	200117-BERRY	WEB, 1" FLAT, YELLOW, BERRY	50	Foot	$0.53	$26.50
5	201024	STRAP, ANCHOR LG, CMC	2	Each	$59.00	$118.00
6	201022	STRAP, ANCHOR SM, CMC	2	Each	$55.00	$110.00
7	300302	PULLEY, RESCUE DOUBLE, CMC	4	Each	$122.00	$488.00
8	300845	RAPPEL 8, ALUMINUM BLK, CMC	4	Each	$67.00	$268.00
9	300441-02	PULLEY, HD2 GRAY, CMC	4	Each	$130.00	$520.00
10	430203	ROPE BAG, #2 RED, CMC	5	Each	$85.00	$425.00
11	432103	BAG, STUFF LG RED, CMC	1	Each	$30.00	$30.00
12	430303	ROPE BAG, #3 RED, CMC	1	Each	$89.00	$89.00
13	441003	GEAR BAG, PERSONAL RED, CMC	2	Each	$167.00	$334.00

6740 Cortona Dr.
Goleta, CA 93117
P: 805-562-9120
F: 805-562-9870
cmcpro.com

Quote: 805515
Customer: 63355
Date Quoted: 1/29/2020

To:
ALPENA COMMUNITY COLLEGE
665 JOHNSON ST
ALPENA MI 49707

Quote Valid Thru: 4/30/2020
Terms: Prepaid

Attn: LISA BLUMENTHAL

14	993213 LOG, CMC ROPE	1	Each	$15.00	$15.00
15	300890 RESCUE RACK, CMC	2	Each	$210.00	$420.00

QUOTE - Miscellaneous Charge -

Shipping - Outbound	225.00

SubTotal	$7,439.20
Discount Total	0.00
Total Taxes	$0.00
Shipping/Handling/Misc Charges	$0.00
Quote Misc Charges	$225.00
Quote Total	**$7,664.20**

Thank you for the opportunity to quote on your rescue equipment requirements.

Payment Terms: Prepaid (Net 30 with Prior Approval)
Delivery: 6-7 Weeks

Please reference the quote number when ordering. If you have any questions regarding CMC products or services please call or email me using the information below.

Thank you.

Zack Williams
Customer Support
CMC Rescue, Inc.
800-235-5741 x 532 tel
zwilliams@cmcpro.com

2020 MFFTC TRAINING/EQUIPMENT-PROPS GRANT APPLICATION
Long Rapids Township Fire Department, Alpena County

SECTION II

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment?

   The Long Rapids Township Fire Department will purchase (i) new high angle/low angle rescue equipment consisting of ropes, harnesses, hardware, and a secure trailer, to be used for both training and live-rescue, as well as (ii) necessary props for the biennial FF I & II delivered at the RTC.

2. How much money are you requesting to fund your grant?

   $9,788

Quantity	Equipment	Description	Unit Cost	Total Cost
1	High Angle Rescue Equipment	See attached quote		$7,664.20
RTC FF I & II Practical Supplies				
2	50'- 2 1/2 Hose	50'- 2 1/2 Hose	$140.00	$280.00
1	2 1/2 Nozzle	2 1/2 Nozzle	$640.95	$640.95
2	50'- 1 3/4 Hose	50'- 1 3/4 Hose	$176.67	$353.34
1	1 3/4 Nozzle	1 3/4 Nozzle	$299.25	$299.25
1	Smoke generationg machine	Smoke generationg machine	$549.99	$549.99
		TOTAL		**$9,787.73**

3. Please share in detail (using 500 words or less):
   a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of you members?

      (i) Long Rapids Township is home to a vast number of sink holes, dotting the landscape in and around Alpena County with the country's highest concentration of these geological phenomenon. Added to the region's multiple mining operations, being prepared for a high angle or low angle rescue is critical in this geographical area, and this equipment and training will allow the creation of a region-wide response team to mitigate risk. High angle equipment will be housed at the Township Department, and will be supplied for training opportunities throughout the region.
      (ii) The Alpena RTC is in the process of building an effective and efficient supply of practical equipment and props in order to deliver higher quality Firefighter I & II to the region. Through discussions held at the advisory committee, this training will take place every other year, with the opposite years hosting specialized skill training. Long Rapids Township is committed to assisting with the accrual of training equipment for the Regional Training Center' Firefighter I & II, and all practical equipment will be housed at the RTC.

   b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

(i) Current high/low angle rescue equipment housed at the Long Rapids Township Fire Department is over 20 years old and in need of retirement. Ropes were compromised in 2019 and can no longer be used for live rescue. Therefore, obtaining this equipment as well as appropriate storage for them has become urgent, though not pursued before.
(ii) The RTC was established in late 2018 and successfully delivered FF I & II during FY2019, utilizing equipment and props from local departments, in essence, stripping the trucks during practical training and testing. This is the first opportunity to pursue obtaining necessary tools to alleviate this problem.

c. Have you pursued other grants or funding options? If yes, please explain.

Due to the expiration of the current equipment and the newly identified need at the RTC, other funding options have not been pursued.

FMG-118

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Janelle Ruff	**Pin Number:** 608689	**Date:** 01-29-2020
Name of Fire Department: **NFIRS #:** Chocolay Township Fire Dept.		**County:** Marquette
Fire Department Street Address: 5010 US-41 South		
City: Marquette **State:** Michigan	**Zip Code:** 49855	**Email:** jiruff76@yahoo.com
Applicant Phone Number: 906-458-2379	**Alternate Number:** 906-228-6220 ext: 110	

SECTION II

Course / Project Name: CBZ Ind., LLC VentProp	**Amount Requested:** $4,465.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1402, 1410, 1700, 1936	**Curriculum / Q-Course Number:** Roof Ventilation
Total Capacity per Class: 25	**Total Hours per Class:** N/A
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 01/29/2020
Name of Applicant: Janelle I. Ruff	**Email:** jiruff76@yahoo.com
Fire Chief Signature: Lee Gould	**Date:** 01/29/2020
Name of Fire Chief: Lee Gould	**Email:** lgould@nmu.edu

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training/Equipment/Prop Grant Application Questions
For Chocolay Township Fire Department (CTFD)

1) **What do you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

The Chocolay Township Fire Department (CTFD) plans to use the CB2 Industries LLC VentProp Training Prop to help firefighters have more and better quality hands-on opportunities in train in proper roof ventilation techniques.

2) **How much money are you requesting to fund your grant?**

$4,465.00 – Four Thousand Four Hundred Sixty-Five Dollars and Zero Cents.

3) **a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

If we are fortunate enough to receive this grant from Michigan Fire Fighters Training Council, CTFD plans to use this hands on training prop to better educate our present and future firefighters on the safe as well as proper roof ventilation techniques. In the past due mainly to the cost of materials, time to reset scenarios and overall hassle of trying to run this type of training; hands-on roof ventilation training scenarios were not something that was able to be trained on very often. If we were lucky enough to do it, it was generally not something the whole department got to try. It was usually set up once or twice as a visual for us to watch. With VentProp we can spend more quality time hands-on training with fewer materials. One 4x8 sheet of plywood or OSB will allow 16 cuts not just one or two as has been the case in the past. For the cost of two sheets of plywood or OBS we could get everyone on the department through a scenario at least once and most could go through two times. This will save us money from our training budget to be used on other training opportunities while still getting us better hands on roof venting opportunities.

In addition to CTFD using the VentProp we will make the VentProp available to our annual Marquette County Fire I & II Class so they can receive hands on ventilation training. This is something that has never really been able to be done hands on in the FF1&2 class and certainly not available for all the students to try and practice. We will also more the VentProp available to other departments in our County as requested.

We are requesting money to purchase two (2) VentProp props, this way we can run more people through and even show two different ways to vent at the same time. We would also have the availability to loan one to the FF1&2 class for more than just one or two classes and still have the other one in-house for ourselves to use.

b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

CTFD has been looking into reusable training prop options for the past couple of years, however we had not been able to find any options that were suited to our needs until recently

c. Have you pursued other grants or funding options? If yes, please explain.

CTFD has only recently found this option so we have not pursued other options at this time.

FMG-119

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Donald Robert DeYoung		**Pin Number:** 787028	**Date:** 01/31/2020
Name of Fire Department: City of Belleville **NFIRS #:** 8202			**County:** Wayne
Fire Department Street Address: 25 Second Street			
City: Belleville	**State:** Michigan	**Zip Code:** 48111	**Email:** robbie@rbdeyoung.com
Applicant Phone Number: 734-635-6387		**Alternate Number:**	

SECTION II

Course / Project Name: Fire simulator	**Amount Requested:** $5,000

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 01/31/2020
Name of Applicant: Donald DeYoung	**Email:** robbie@rbdeyoung.com
Fire Chief Signature: Brian Loranger DC	**Date:** 01/31/2020
Name of Fire Chief: Brian Loranger	**Email:** bloranger@bellevillefd.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

Additional information for the FY20 MFFTC Training/Equipment/Props Grant Application for the City of Belleville Fire Department.

1) If awarded the grant the department will purchase a propane driven fire simulator. The fire simulator will allow department personnel to maintain proficiency in fire extinguisher and hose line use in a controlled setting.
2) The department is seeking $5,000 in grants for the purchase of the equipment
3) The City of Belleville Fire Department has a large number of new fire fighters and the fire simulator will allow them to practice and maintain the skills in fire extinguisher and hose line use that they have learned in the fire academy. The simulator will also allow all members of the department to practice various techniques in fire extinguisher and hose line use at a reduce cost and increase the safety of the training. The department has been attempting to obtain this equipment over the last several years and due to ageing equipment, the department has had to reallocate funds to be able to maintain essential equipment. Currently the department has not pursued other funding options for training equipment due to the need to focus funding options on repair, and replacement of essential equipment.

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-121

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Keith W. Redlin	Pin Number: 602764	Date: 1/31/2020
Name of Fire Department: Marlette Fire Department NFIRS #: 07608		County: Sanilac
Fire Department Street Address: 6436 Morris Street		
City: Marlette / State: MI	Zip Code: 48453	Email: keith.redlin.mi@gmail.com
Applicant Phone Number: 810-304-1689 Keith Redlin Training Off.	Alternate Number: 810-614-2466 Dan Korte Chief	

SECTION II

Course / Project Name: Irons Forcible Entry	Amount Requested: $ 3,450

Application Questions: Please attach your responses as a separate document.

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?
2. How much money are you requesting to fund your grant?
3. Please share in detail (using 500 words or less):
   a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?
   b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?
   c. Have you pursued other grants or funding options? If yes, please explain.

Applicable NFPA Standard(s): NFPA 1001, NFPA 1407	Curriculum / Q-Course Number: Q45D
Total Capacity per Class: 15	Total Hours per Class: 4
Instructor Name(s): Sean Wilson	

SECTION III

Applicant Signature: Keith W. Redlin	Date: 1/31/2020
Name of Applicant: Keith W. Redlin Batt. Chief / Training Off.	Email: keith.redlin.mi@gmail.com
Fire Chief Signature: Dan Korte	Date: 1/31/2020
Name of Fire Chief: Daniel J. Korte	Email: dan.korte.mi@gmail.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training/Equipment/Props Grant

We intend for the FY 20 Grant is to enhance our hands on forcible entry skills. We will offer this requested grant training to our neighboring departments as well. Basic hands on forcible entry skills are essential to structural firefighting and since fire runs are down, this is necessary training.

We are requesting $3,450 to cover the cost of two classes to ensure that our members and our neighboring department members receive this necessary hands on training.

As stated above, our fire runs have declined over the last several years due to our increased fire safety presentations and public awareness. Forcible entry skills are essential to structural firefighting. With the reduction in structural fire runs, we have an increased need for a well prepared, well taught hands on forcible entry class. Proficiency is gained by hands on experience in our basic skill sets including forcible entry. We feel that this grant will enable us to accomplish that task as well as insuring our neighboring departments benefit as well.

We received an email earlier this month from the Fire Marshal explaining this available training grant opportunity. We have not applied for any prior training grants before applying today.

FMG-123

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Jason Hertzberg		**Pin Number:** 601478	**Date:** 01/15/2020
Name of Fire Department: Richfield Township Fire Department **NFIRS #:** 07203			**County:** Roscommon
Fire Department Street Address: 1410 N. St. Helen Rd.			
City: St, Helen	**State:** MIi	**Zip Code:** 48656	**Email:** admin@rtdps.com
Applicant Phone Number: 989-389-4071		**Alternate Number:** 989-387-1413	

SECTION II

Course / Project Name: Forcible Entry Door	**Amount Requested:** 9158.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 01/31/2020
Name of Applicant: Jason Hertzberg	**Email:** admin@rtdps.com
Fire Chief Signature:	**Date:** 01/31/2020
Name of Fire Chief: Jason Hertzberg	**Email:** hertzbergj@rtdps.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

FY20 MFFTC Training/Equipment/Prop Grant Application Questions:

1. Grant funds would purchase Multi-Force Door (forcible entry door simulator) with Battering-Ram Attachment prop and training. Plus three mini & one full size Halligan Bar, three Entry Wedges, three Pick Axes, one Fire Hook, three Hallway Sledges and three Hammermaxx's to not deplete equipment from firetrucks during training.

2. Grant funds being requested: $ 9157.80

3. Over time Richfield Township (St. Helen) has grown in regards to types of facilities and the forcible entry challenges involved with them. Although Richfield Township remains high in poverty, growth has brought a new public charter school, Charlton Heston Academy (CHA), with 714 students K-12, 113 staff, and 100 children in pre-K. In today's world due to active shooter incidents the schools 84 rooms now have interior doors with floor locks to prevent access to an active shooter, however the locks also give first responders' difficulty gaining access. CHA opened after purchasing a shuttered elementary school, that when an architect designed the schools escape plan they were considered from a fire perspective, not a facility lockdown like the one CHA experienced three years ago resulting in one arrest. An apartment complex, assisted living senior center and business district growth has surfaced or expanded. One of three Roscommon County senior centers is located in Richfield Township. Construction of a satellite campus for Lake Superior State University is currently occurring on property next to CHA. Places of worship, medical buildings, banks, and a post office serving multiple township are all within the 108 square miles Richfield Township Fire Department (RTFD) serves. Commercial building forcible entry differs from residential entry. Ongoing training of different entry techniques and knowledge of which is the appropriate tool to use in what situation is essential for firefighters. RTFD also serves Kirkland Community College, Michigan's largest community college located eight miles north of St. Helen. All these factors has caused Fire Chief Jason Hertzberg to pursue funding from the FY20 MFFTC Training/Equipment/Props Grant. Richfield Township being high in poverty has limited RTFD in pursuing grant funds that require matching funds, making this the only funding source pursued. RTFD Chief Hertzberg has been seeking this training opportunity/equipment/prop since his 2017 appointment. There is only one way to become proficient at forcing doors and that is by offering training of forcing doors. The "Multi-Force door fully assembled weighs approximately 760 pounds" yet "it can easily be disassembled in less than five minutes into six parts. These six parts easily fit into a pick-up truck or van." The benefit of the Multi-Force Door prop, equipment and training will expand beyond RTFD. Everything obtained by FY20 MFFTC Grant Funds will be available for training other northern Michigan fire departments and the three Fire Academies located in the Counties of Roscommon, Oscoda and Crawford. Multi-Force

Door prop, tools and training would benefit neighboring fire departments such as West Branch Fire Department, Ogemaw County, which is the location of MidMichigan Medical Hospital that has undergone a huge expansion in 2019. Additionally newly constructed McLaren West Branch Emergency Department Medical Center opened in 2019. And major retailer Meijer submitted plans to construct a supercenter in Ogemaw County on property with close proximity to the border of Richfield Township. Constant on hands training is a must for northern Michigan because of endless challenges or scenarios responding firefighters will face when gaining entry.

FMG-124

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Andrew Strudwick		**Pin Number:** 561278	**Date:** 1/29/2020
Name of Fire Department: Sturgis Fire Department **NFIRS #:** 07508			**County:** St. Joseph
Fire Department Street Address: 124 N. Nottawa			
City: Sturgis	**State:** MI	**Zip Code:** 49091	**Email:** Astrudwick@sturgismi.gov
Applicant Phone Number: 269-659-7272		**Alternate Number:** 269-625-7598	

SECTION II

Course / Project Name: Burn/Flashover Trailer	**Amount Requested:** 5,300

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403	**Curriculum / Q-Course Number:**
Total Capacity per Class:	**Total Hours per Class:**
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 1/29/2020
Name of Applicant: Andrew Strudwick	**Email:** Astrudwick@sturgismi.gov
Fire Chief Signature:	**Date:** 1/29/2020
Name of Fire Chief: Andrew Strudwick	**Email:** Astrudwick@sturgismi.gov

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

STURGIS POLICE & FIRE DEPARTMENT

122-124 N. NOTTAWA STREET
STURGIS, MICHIGAN
49091

RYAN BANASZAK
DEPUTY POLICE CHIEF

GEOFFREY D. SMITH
DIRECTOR of PUBLIC SAFETY

ANDREW STRUDWICK
DEPUTY FIRE CHIEF

Sturgis Fire Department MFFTC Grant Request

1. The Sturgis Fire Department will use funds to create a flashover simulator, forcible entry trainer, and basic burn trailer for in-house department training and future use for county and regional training, as well as for use in the local fire academy.
2. Total fund request is $5,300. That total is based on the following items: 10 4x8 sheets of 10-gauge flat steel and 26 pieces of steel tubing, channel and angle iron.
3. A. By converting an 8x20 shipping container into a flashover simulator and burn trailer with a forcible entry door, the Sturgis Fire Department can try to re-create real-life fire scenarios that would aid in training new firefighters, in continuing education for existing members, and eventually put in county-wide and regional training opportunities. Having the ability to understand fire behavior in the changings times of firefighting is crucial, making the burn trailer essential for understanding and utilizing different firefighting tactics. SFD's actual structure fire numbers are low, in part to a recently-reinstated Fire Marshal position as well as ongoing public education, making training that much more important. The installation of a forcible-entry door allows for continued education and up-to-date techniques in non-fire situations as well. SFD will also utilize the Sturgis High School machining program, using supervised students who will fabricate the pieces and parts while SFD members will install into final form. All fabrication and installation would be up the NFPA 1403 standards.

   B. The Sturgis Fire Department used the last of its' 2019 training budget to purchase the 8x20 shipping container in September, 2019, and have been mapping out specific ways for efficiency in both proper use and full utilization of the burn trailer's capabilities. SFD's training officer is in line to become a flashover instructor early 2020 and funds have already been allocated for the training.

   C. SFD has no pursued any other grants or funding options.

FMG-125

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Sara Groenheide	**Pin Number:** 789194	**Date:** 01/31/2020
Name of Fire Department: Hamilton Fire Department **NFIRS #:** 00308		**County:** Allegan
Fire Department Street Address: 3440 M-40 Hwy		
City: Hamilton / **State:** MI	**Zip Code:** 49419	**Email:** sara.groenheide@gmail.com
Applicant Phone Number: 616-886-4071	**Alternate Number:** 616-299-7041	

SECTION II

Course / Project Name: Live Fire Training Facility Fuel	**Amount Requested:** $5,423.70

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: 20-35 Firefighters, potential of 200-300 firefighters with requested number of excelsior bales	**Total Hours per Class:** 4-6
Instructor Name(s): Various Allegan County and Ottawa County Instructors	

SECTION III

Applicant Signature: SGroenheide	**Date:** 1/31/2020
Name of Applicant: Sara Groenheide	**Email:** sara.groenheide@gmail.com
Fire Chief Signature:	**Date:** 1/31/2020
Name of Fire Chief: David Haverdink	**Email:** dhaver101@yahoo.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

HAMILTON FIRE DEPARTMENT

3440 M-40, P.O. Box 274 Hamilton, MI 49419
(269) 751-4444 hamfirres@yahoo.com

January 31, 2020

Re: MFFTC Hamilton Fire—Live Fire Training Facility Fuel—Grant Addendums

1. Hamilton Fire Department is requesting funding for the purchase of 110 excelsior bales to use as fuel in our Live Fire Training Facility in compliance with NFPA 1403, Standard on Live Fire Training Evolutions.

2. $5,423.70

3.

   A. Live fire training is important for developing and maintaining proper firefighting techniques and to prepare firefighters for the heat and smoke conditions they may face on the fire ground. Excelsior bales are recommended by the UL Firefighter Safety Research Institute in their report, *Evaluation of the Thermal Conditions and Smoke Obscuration of Live Fire Training Fuel Packages*. The excelsior bales create a more consistent, uniform burn with a known smoke pattern as compared to straw which can have varied burn characteristics and smoke patterns as well as could contain unknown contaminants or mold. Excelsior bales more closely mimic real-life fire dynamics and will provide a more realistic fire environment to train in. When awarded, Hamilton Fire Department will purchase 110 Excelsior bales to be used for ongoing department training for our firefighters as well as for training with firefighters on departments that we have automatic and mutual aid agreements with.

   B. We have spent the past 10 years working with other area fire departments to raise the funds to construct a Live Fire Training Facility (LFTF). Through the generosity of 20+ community organizations, and six partner agencies, we were able to construct the facility. The award of this grant money will be used to purchase NFPA 1403 approved fuels (excelsior bales) for ongoing department training for our firefighters as well as for training with firefighters on departments that we have automatic and mutual aid agreements with.

   C. No, we have not pursued other grants or funding options for excelsior bales. We have already exhausted all local community grants, and donations in order to complete the construction of the Live Fire Training Facility.

American Excelsior Company®

American Excelsior Company

www.americanexcelsior.com

QUOTE

Date: 01/31/2020
Quote #:00024077
Expiration Date: 03/01/2020

Bill To:
Hamilton Fire Department
3440 M-40 Hwy P.O. Box 274
Hamilton, MI 49419

Ship To:
Sara Groenheide
Hamilton Fire Department
3342 Blue Star Hwy
Saugatuck, MI 49453
(616) 886-4071
Fax:
sara.groenheide@gmail.com

Salesperson: Adam Sadowski
asadowski@curlex.com
(715) 236-5658
Fax: (715) 736-1098

Lead Time: 5 Days
Shipped Via: Common Carrier
FOB: Destination
Freight Terms: Delivered (DEL
Credit Terms: Pending Credit Approval

AEC Item #	Description	Cust Item #	Qty	UoM	Unit Price	Ext Price
010.1732.P	EXCELSIOR, 732, 34", DW75, 18/PALLET		110	EA	$ 34.47	$ 3,791.70

Subtotal	$ 3,791.70
Tax	
Total	$ 5,423.70

Additional Comments:

Quotation prepared by: Adam Sadowski
Phone number: (715) 236-5658
Email: asadowski@curlex.com

Terms: see following page

Thank you for this opportunity to serve you; we appreciate your business trust in American Excelsior Company.

Terms and Conditions
The current Terms and Conditions of Sale, which are available upon request or can be referenced electronically at www.americanexcelsior.com/legal/quoteterms.php, will apply to all sales made pursuant to this document and are expressly incorporated herein by reference. In the event of a conflict between the above-referenced Terms and Conditions of Sale and this document, this document shall control. American Excelsior reserves the right to change, supplement, or modify any of its policies, including, but not limited to, the Terms and Conditions of Sale, without notice and the changed, supplemented, or modified Terms and Conditions of Sale shall apply to any and all sales made pursuant to this document after such date.

Gmail

Sara Groenheide <sara.groenheide@gmail.com>

Excelsior Bales & Freight Quote for a Grant

Adam Sadowski <asadowski@americanexcelsior.com> Fri, Jan 31, 2020 at 12:52 PM
To: Sara Groenheide <sara.groenheide@gmail.com>

Good Afternoon Sara,

As requested, please see the attached quote for 110 bales of 732 cut excelsior wood fiber. The total listed on the quote includes freight to your location. I apologize, but our format would not let me list freight as a separate line item. Freight comes to a total of $1632.00 for 8 pallets.

Please let me know if you have any questions and I will answer them to the best of my knowledge. Thanks much!

Best Regards,

Adam Sadowski

Sales, Wood Fiber Division | American Excelsior Company

831 Pioneer Avenue, Rice Lake, WI 54868

715.236.5658 Office | 715.234.6823 Fax | 715.296.8364 Cell

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FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-126

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I			
Name of Applicant: Nick Miller		**Pin Number:** 587 385	**Date:** 01/30/2020
Name of Fire Department: Hamburg Township Fire Department **NFIRS #:** 4704			**County:** Livingston
Fire Department Street Address: 10100 Veterans Memorial Drive			
City: Hamburg	**State:** MI	**Zip Code:** 48139	**Email:** nmiller@hamburg.mi.us
Applicant Phone Number: 810.222.1104 - Office		**Alternate Number:** 810.459.1567 - Cell	

SECTION II	
Course / Project Name: Flashover Training	**Amount Requested:** $7,500.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1403, 555, 1408, 1001, 1410	**Curriculum / Q-Course Number:** Q15A
Total Capacity per Class: 100 Students	**Total Hours per Class:** 5 Hours - Student Contact
Instructor Name(s): Oakland Community College Instructors	

SECTION III	
Applicant Signature: Nick Miller	**Date:** 01/30/2020
Name of Applicant: Nick Miller	**Email:** nmiller@hamburg.mi.us
Fire Chief Signature: Nick Miller	**Date:** 01/30/2020
Name of Fire Chief: Nick Miller	**Email:** nmiller@hamburg.mi.us

BFS USE ONLY			
Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

HAMBURG TOWNSHIP FIRE DEPARTMENT

10100 VETERANS MEMORIAL DRIVE
P.O. BOX 157 ♦ HAMBURG, MI 48139-0157
PHONE: 810-222-1100 ♦ FAX: 810-231-1974
E-MAIL: HTFD@HAMBURG.MI.US

FIRE CHIEF NICK MILLER
FIRE MARSHAL JORDAN ZERNICK

Date: January 30, 2020
To: Michigan Firefighter Training Council
From: Fire Chief Nick Miller
Re: FY20 MFFTC Grant Program Request – Flashover Training

1. Hamburg Township Fire Department (HTFD) in cooperation with the Fire Departments in Livingston County is requesting funding support to bring Oakland Community College (OCC) mobile Flashover Training to the HTFD training grounds. This training is projected to host 100 Firefighters and will be completed by September 30, 2020.
2. The cost to host the training for 100 firefighters is $7,500.00.
3. Details
    a. This flashover training reiterates the importance of understanding fire behavior and the recognition of flashover conditions. In doing so, will improve firefighter safety and help with improving skills for firefighters to protect life and property. While the title is Flashover it is not the only major aspect of the training. Fire behavior and thermal imaging camera (TIC) techniques are also critical parts of the lessons to be learned. Understanding the technology of the TIC and how to use it in high heat environments is not something that can easily be trained on outside of a live burn classroom.

    Time will be spent on developing the Company Officer and the responsibilities they have while working interior operations. For those that might have participated in a flashover classroom in the past, a focus for them will be to watch more of the fire dynamics through reading the smoke conditions and the use of a TIC.

    This program will be eligible to all Firefighters in the State of Michigan that's departments are 12 month NFIRS compliant per BFS requirements. The program has the ability to host 100 students. OCC will be teaching the program and will be following the NFPA 1403 Live Burn Standard.

    b. This is a program that we would like to bring to Livingston County each year but the funding requirements to host such a training have not allowed us to host it for multiple years.

    c. We have looked at using initial Livingston County firework safety funds for this but over the last several years other programs took precedence and the Flashover Training was not funded. The training budget constraints of the fire departments in Livingston County has also made self-funding the training not possible.

Submitted,

Nick Miller
Fire Chief

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-127

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Andrew Box		**Pin Number:** 607307	**Date:** January 31, 2020
Name of Fire Department: City of Ann Arbor **NFIRS #:** 08101			**County:** Washtenaw
Fire Department Street Address: 111 North Fifth Avenue			
City: Ann Arbor	**State:** Michigan	**Zip Code:** 48104	**Email:** abox@a2gov.org
Applicant Phone Number: (734) 794-6961; Ext. 49604		**Alternate Number:** (734) 368-0358	

SECTION II

Course / Project Name: Fire Ground Survival	**Amount Requested:** $10,000.00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001/1021/1026/1225/1402/1404/1410/1500/1521/1561/1584/1670/1700/1710/1720/1801/1982	**Curriculum / Q-Course Number:** Q37C
Total Capacity per Class: 24	**Total Hours per Class:** 576 Student Hours
Instructor Name(s): Carl Hein, Greg Payeur, Jeff Foulke	

SECTION III

Applicant Signature: Andrew Box	**Date:** January 31, 2020
Name of Applicant: Andrew Box	**Email:** abox@a2gov.org
Fire Chief Signature:	**Date:** January 31, 2020
Name of Fire Chief: Mike Kennedy	**Email:** mkennedy@a2gov.org

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

ANN ARBOR FIRE DEPARTMENT

111 North Fifth Avenue, Ann Arbor, Michigan 48104-1405
(734) 794-6961 • a2gov.org/fire
Serving Our Citizens Since 1889

MEMORANDUM

TO: Michigan Firefighters Training Council Grant Program

FROM: Andrew Box, Assistant Fire Chief

DATE: January 31, 2020

SUBJECT: FY 20 MFFTC Training/Equipment/Props Grant Program Application Questions

---

1. The City of Ann Arbor Fire Department (AAFD) in collaboration with the Washtenaw Area Mutual Aid Association (WAMAA) is seeking state allocated funding through the FY 20 MFFTC Training/Equipment/Props Grant Program to conduct a 24-Hour Fire Ground Survival Program (FGSP) presented by START RESCUE.
2. $10,000
3. Due to a multitude of variables and factors experienced within the last 15 years, the last AAFD documented Firefighter Safety & Survival Program (FFSS) was presented in 2006; while WAMAA has presented such a FFSSP in 2016. Presently, only 51% of current AAFD personnel have completed a FGSP. Within the last year, the newly established AAFD administration has been retooling its Training Division from a web-based on-line distance curriculum platform to applied and practical based evolutions. In align with the AAFD's retooling of its Training Division, the FGSP being advocated by the AAFD and WAMAA is to establish a functional instructor system to present the acquired knowledge and skill sets not only locally (within AAFD), but throughout Washtenaw County for proceeding years.

   Practical hands-on training is a core fundamental that prepares fire service personnel through the expansion of personal knowledge, increased situational awareness and direct application of acquired skill sets that are combined into comprehensive and proficient capabilities, which are directly correlated to the reduction of risk and harm while training in practical environments.

ANN ARBOR FIRE DEPARTMENT

111 North Fifth Avenue, Ann Arbor, Michigan 48104-1405
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The primary initiative driving this FGSP for the AAFD and WAMAA is to reduce directly and indirectly human collateral damage (pain & suffering) of fire service personnel and their families, while mitigating the economic impacts experienced by local municipalities. Annually, the cost of fire service injuries is estimated to be approximately $4.2 billion, while the cost of fatalities is approximately $622 million (Pessemier, 2018). Additionally, a commonly identified contributing factor in documented line-of-duty-death investigation reports is the absence of fire service personnel being trained in practical training applications and evolutions.

The advocated FGSP will instruct participants techniques that identify specific hazards and dangerous conditions; the development of heightened situational awareness and critical thinking to make rapid assessments, while operating within an incident management structure coordinating assigned tasks and maintaining fire ground personal accountability. All AAFD and WAMAA personnel who complete this program will earn instructional material for classroom presentations and practical workshops, along with an electronic version of the supporting Power Point presentation.

At the time of application, the applicant possesses the understanding this is the last time the AAFD has provided this type and level of training program was in 2006. Since this time, the AAFD has Furthermore, it is the understanding of the applicant, the AAFD or the WAMMA has not applied for any local, state or federal through grants or other funding options for the FGSP. Costs in excess of the received grant funding will be recovered through course registration fees.

Pessemier, B. (2018). 4 ways to reduce firefighter injuries and prevent fatalities. *FireRescue1*. Retrieved from https://www.firerescue1.com/fatal-fires/articles/4-ways-to-reduce-firefighter-injuries-and-prevent-fatalities-NjpFuOsoeh03LR1o/

cc: File
Mike Kennedy, Fire Chief - City of Ann Arbor Fire Department
Mark Nicholai, County Training Coordinator - WAMAA

FMG-132

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Shawn Allen		**Pin Number:** 562856	**Date:** 1/30/2020
Name of Fire Department: Sterling Heights Fire Department **NFIRS #:** 5019			**County:** Macomb
Fire Department Street Address: 41625 Ryan			
City: Sterling Heights	**State:** Mich	**Zip Code:** 48314	**Email:** sallen@sterling-heights.net
Applicant Phone Number: 586 446 2971		**Alternate Number:** 586 615 0370	

SECTION II

Course / Project Name: Fire Extinguisher Training	**Amount Requested:** 9679:00

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 10,101,1500	**Curriculum / Q-Course Number:**
Total Capacity per Class: 5 per class 19 classes 95 total	**Total Hours per Class:** 3
Instructor Name(s): Shawn Allen, Steve Kohut	

SECTION III

Applicant Signature:	**Date:** 1/31/2020
Name of Applicant: Shawn Allen	**Email:** sallen@sterling-heights.net
Fire Chief Signature:	**Date:** 1/31/2020
Name of Fire Chief: Chris Martin	**Email:** sallen@sterling-heights.net

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

Sterling Heights Fire Department Fire Extinguisher Training Grant Request 2020

1.Please detail (50 words or less) what you intend to do with your FY20 MFFTC Training Grant?

Funding for this grant would provide Sterling Heights Fire Department the ability to purchase a Bullseye Digital Fire Extinguisher Basic Training System. This would provide training equipment for 100 uniformed fire fighters to participate in a 3 hour annual class involving hands on fire extinguisher training.

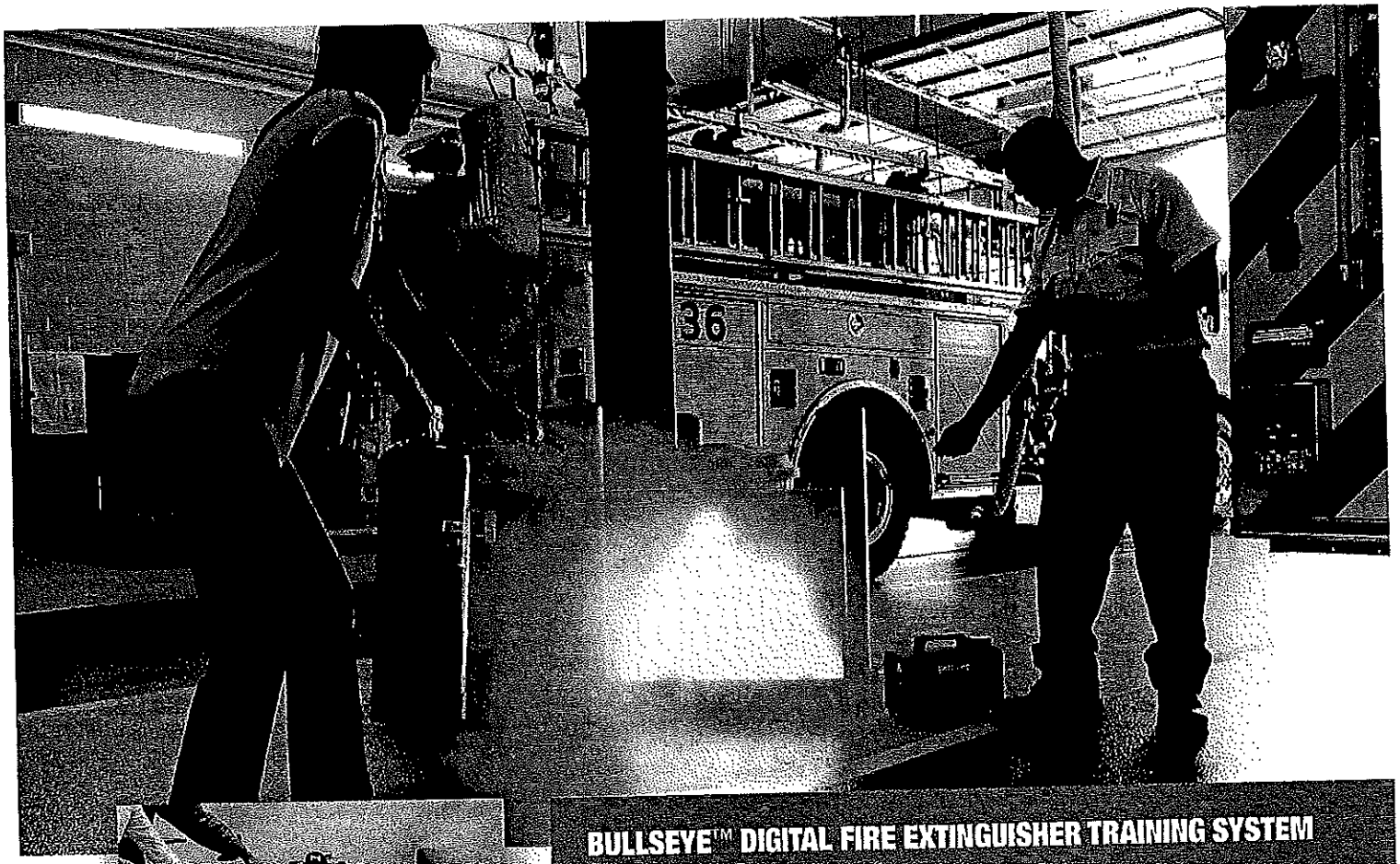
2. How much money are you requesting for your FY20 MFFTC Training Grant?

9,679:00

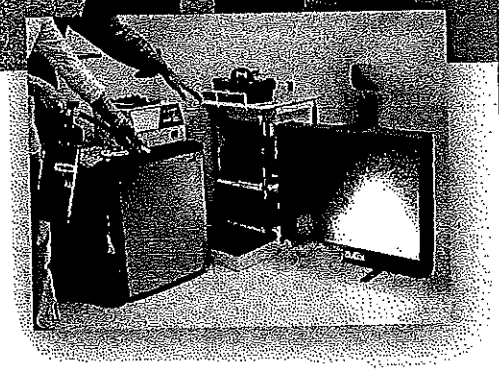
3. Please detail (using 500 words or less) how your grant request will enhance or improve the skills. How long the department has been requesting the equipment and if you have perused other grants or funding options.

The Sterling Heights Fire Department has through retirements, lost a sizeable amount of firefighting knowledge. The department has 32 firefighters with less than 4 years of on the job experience. The Sterling Heights Training Division has identified a lack of hands-on knowledge with the use of fire extinguishers with our new recruits. This new training technology will provide the department a clean safe way to train our firefighters without the discharge of ABC dry chemical powder into a container of diesel and unleaded gasoline. This powder when discharged in the environment requires considerable cleanup to reduce the product from entering into the drainage system. Also the powder has adverse health effects and symptoms: Irritating to the respiratory system, eyes and skin. Symptoms may include coughing, shortness of breath, and irritation of the lungs, eyes, and skin. Ingestion, although unlikely, may cause cramps, nausea and diarrhea. The Laser simulated discharge would eliminate all health and environment concerns. In additional the new training equipment would allow fire extinguisher training to be held at individual fire stations, keeping Fire Company's in- quarters to respond in their area for emergencies. This new system would also allow department personnel to deliver consistent training to all employees regardless of weather conditions and provide updated training as situations dictate. This grant would provide the Sterling Heights Fire Department with a basic training system; the department would contribute the additional cost of the transport cases and iPad software, totaling 1,178.00. Sterling Heights Fire Training Division would also develop and provided a 3 hour training class in the use of fire extinguishers using NFPA 10, NFPA 101 and NFPA 1500.

This is the Sterling Heights Fire Departments 2nd request through the MFFTC grant process for this equipment. We have requested this equipment through our local budget process for the last 2 years. Our request was made as a capital item request and as a service improvement. Last year the request was denied and this year the capital request has also been denied.



BULLSEYE™ DIGITAL FIRE EXTINGUISHER TRAINING SYSTEM



Realistic, hands-on fire extinguisher training

LASERS SIMULATE THE DISCHARGE OF ACTUAL EXTINGUISHERS FOR A COMPLETELY CLEAN, SAFE TRAINING EXPERIENCE

Don't let the first time they handle an extinguisher be during a real fire. Prepare them to successfully put out a fire using the BullsEye Digital Fire Extinguisher Training System.

TRAIN ANYWHERE.

The BullsEye allows you to train in places where emergencies may really occur, like schools, workplaces or the home. Training can now take place completely indoors, allowing you to train anywhere, anytime. With the BullsEye's quick connects, one person can plug the system in, set it up and be ready to train in just one minute. Quickly relocate the system during training to change up the evolution and test your trainees' skills.

TEST THEIR SKILLS.

Make sure they're prepared for a real fire by testing their skills – sensors allow the BullsEye to sense trainees' actions and respond like a real fire. The flames will only subside and go out if the trainee uses the proper P.A.S.S. (Pull the extinguisher pin. Aim the nozzle low at the base of the fire. Squeeze the lever above the handle. Sweep the nozzle from side to side.) method. BullsEye extinguishers are set to discharge for the same amount of time as a real extinguisher, and are weighted accordingly 5lb (2.5kg), 10lb (6kg) or 20lb (9kg) to closely simulate actual extinguishers. Smoke generators emit the proper amount of smoke based on the size of the fire and time since ignition to further enhance the realism of the evolution.

SPEND MORE TIME TRAINING, LESS TIME CLEANING UP.

The BullsEye uses lasers to simulate the discharge of actual extinguishers for a completely clean and safe training experience. Similarly, our training smoke does not leave a residue, so your trainees can enjoy effective training without the hazards of conventional extinguisher training.

1.888.428.5539 | www.lionprotects.com/firetrainingtools

LION®
ready for action

AVAILABLE PRODUCTS: A. R.A.C.E. Station Case B. R.A.C.E. Station C. BullsEye Extinguisher Carrying Case D. BullsEye Laser Extinguishers E. NFPA "Fire Extinguishers at Work" DVD F. Power Supply G. BullsEye Panel H. Standard Remote I. BullsEye Transport Case J. iPad & Tablet Control K. SG1000/VICO Smoke Generator (with battery)

(Not Shown: 7X SmartExtinguishers, Recharge Accessories and Extinguisher Carrying Case)

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

BULLSEYE™ DIGITAL FIRE EXTINGUISHER TRAINING SYSTEM

Specifications

PATENTED FEATURES

- **Extinguishers:** Air/Water SmartExtinguishers® or waterless laser extinguishers interact with sensors embedded in the panel
- **Extinguisher Sensing Control System:** Varies flames automatically based on SmartExtinguisher or BullsEye extinguisher input
- Combustible materials, flammable liquids, flammable gas and electrical fire class settings
- Difficulty level settings (Levels 0 -10)
- Custom training scenarios
- Electronic training records

PHYSICAL SPECIFICATIONS

- **Overall Base Unit Dimensions:** 28 ½" × 26" × 4 ¾" (72 cm × 66 cm × 12 cm)
- **Base Unit:** Stainless Steel
- **Base Unit Weight:** 31 lbs. (14kg.)

CONTROLS

- Wireless IR remote
- Optional wireless touch screen tablet

SMARTEXTINGUISHER

- **Air Pressure Connection:** Schrader Valve
- **Recommended Pressure:** 100 PSI (690 kPa)
- **Maximum Pressure:** 110 PSI (758 kPa)
- **Minumum Pressure:** 90 PSI (620 kPa)
- **Fill Volume:** 5X: 4 liters, 7X: 6 liters
- **Volume/Trainee:** 5X: 0.80 liters, 7X: 0.85 liters

BULLSEYE EXTINGUISHER

- Infrared signal with green laser display
- **Maximum Output:** 5mW
- **Wave Length:** 532nm
- Class 3R laser product
- Speaker simulating extinguisher discharge
- Ultrasonic emitter for extinguisher distance detection
- Extinguisher type detection
- Rechargeable NiMH 7.2 V

BULLSEYE EXTINGUISHER CHARGER

100-240V AC, 50/60Hz, 0.6A input, 12V DC, 1.5A output

CLASSES OF FIRE (BY COUNTRY)

FUEL SOURCE	EN (US)	EN (UK)	DE	ES	FR	NL
Combustible Materials	Class A	Class A	Klasse A	Clase A	Classe A	Klasse A
Flammable Liquids	Class B	Class B	Klasse B	Clase B	Classe B	Klasse B
Flammable Gas	-	Class C	Klasse C	Gas Inflamable	Classe C	Klasse C
Electrical	Class C	Electrical	Elektrik	Clase C	Risques Electriques	Elektrisch

1.888.428.5539 | www.lionprotects.com/firetrainingtools

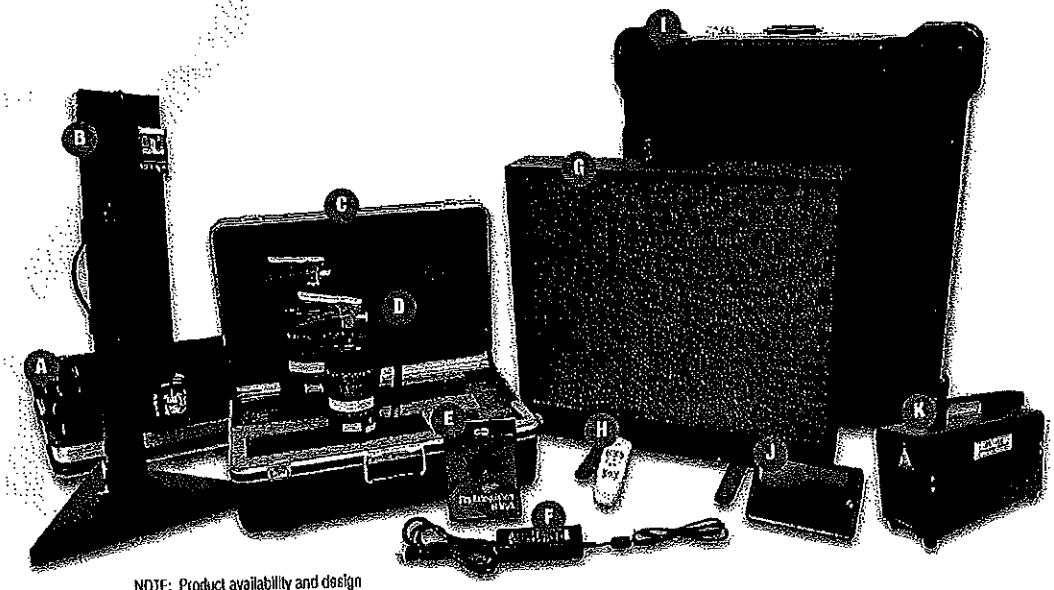
LION® ready for action

10/10

BULLSEYE™ DIGITAL FIRE EXTINGUISHER TRAINING SYSTEM

AVAILABLE PRODUCTS:
A. R.A.C.E. Station Case B. R.A.C.E. Station C. BullsEye Extinguisher Carrying Case D. BullsEye Laser Extinguishers E. NFPA "Fire Extinguishers at Work" DVD F. Power Supply G. BullsEye Panel H. Standard Remote I. BullsEye Transport Case J. iPad & Tablet Control K. SG1000/ViCO Smoke Generator (with battery)

(Not Shown: 7X SmartExtinguishers, Recharge Accessories and Extinguisher Carrying Case)



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

Popular Packages

COMPONENT	BASIC	PLUS	TRAINER'S	ULTIMATE
BullsEye™ Digital Simulation Panel (Water-enabled option also available)	1	1	1	1
BullsEye™ Transport Case	1	1	1	1
Setup Remote	1	1	1	1
BullsEye™ 2 kg/5 lb Dry Chemical Digital Laser Extinguisher	1	2	2	2
Industrial Grade Extinguisher Carrying Case *	1	1	1	1
5X SmartExtinguisher **	1	2	2	2
Air Compressor with Accessories **	1	1	1	1
iPad Mini with iPad control		1	1	1
NFPA Fire Extinguishers at Work DVD		1	1	1
Training Record Management Software			1	1
Scenario Customization Software			1	1
R.A.C.E.™ Station			1	1
Transport Case for R.A.C.E.™ Station				1
SG1000/Vico™ Smoke Generator with Wall Power Base				1
NiMH Battery Base for SG1000/Vico™ Smoke Generator				1
Smoke Liquid (1 Liter)				1
Smoke Liquid (5 Liter)				1

* Extra carrying case is added when water-enabled BullsEye is selected ** Only available with water-enabled BullsEye™

FMG-136

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Derek Babcock		**Pin Number:** 613517	**Date:** 01/31/2020
Name of Fire Department: Bangor Community Fire Department **NFIRS #:** 08001			**County:** Van Buren
Fire Department Street Address: 417 W. Arlington St.			
City: Bangor	**State:** Mi	**Zip Code:** 49013	**Email:** bangorfire@comcast.net
Applicant Phone Number: 269-427-8980		**Alternate Number:** 269-214-0123	

SECTION II

Course / Project Name: Roof vent prop	**Amount Requested:** 9,675

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1420, 1407, 1410	**Curriculum / Q-Course Number:** N/A
Total Capacity per Class: N/A	**Total Hours per Class:** N/A
Instructor Name(s): N/A	

SECTION III

Applicant Signature:	**Date:** 01/31/2020
Name of Applicant: Derek Babcock	**Email:** Bangorfire@comcast.net
Fire Chief Signature:	**Date:** 03/31/2020
Name of Fire Chief: Derek Babcock	**Email:** Bangorfire@comcast.net

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

BANGOR COMMUNITY FIRE DEPARTMENT

Arlington Township * City of Bangor * Bangor Township

417 W. Arlington St. Bangor, Michigan 49013

PHONE: (269) 427-8980 Fax (269) 427-6117 EMAIL: Bangorfire@comcast.net

Fire Chief – Derek Babcock

1/31/2020

To: MFFTC

Re: FY2020 MFFTC Training / equipment/ props grant application

1. The Bangor Community Fire Department respectfully requests funding to provide training tools to vertical roof ventilation which will refine and expand training excises to heighten firefighter safety. Vertical ventilation of a structure fire is one of the most beneficial and hazardous tactics of firefighting. Safe and proper ventilation of a structure requires frequent training to maximize efficiency and mitigate the hazards associated with roof top ventilation. At this time, training opportunities are rare due to inadequate access to a roof training prop in this geographical area.
2. We are requesting $9,675 for the training prop
3. A) By granting funds for this project, the MFFTC will provide vital training equipment that will give firefighters the experience and advantage they need to perform their jobs safely and more effectively. The equipment will be available for joint training exercises with neighboring county wide departments to help prepare for incidents and impacts affecting the citizens and visitors of the Bangor area. The outcome could result in a decrease in fighter injury, loss of life and property loss.

   B) This will be out first year pursuing this valuable piece of training equipment.

   C) We have not found any other grant opportunities that would provide funding for this project.

Thank You,

Derek Babcock
Fire Chief

FMG-137

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Jonathan Stone		**Pin Number:** 561379	**Date:** 01/31/2020
Name of Fire Department: Stanton Township Volunteer Fire Department, Precinct 1 **NFIRS #:** 3124			**County:** Houghton
Fire Department Street Address: 16841 Fire Hall Road			
City: Houghton	**State:** Michigan	**Zip Code:** 49931	**Email:** jcstone@mtu.edu
Applicant Phone Number: 906-369-4567		**Alternate Number:** 906-487-2216	

SECTION II

Course / Project Name: Copper Country Live Burn Training	**Amount Requested:** $4,677.79

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1402, 1403	**Curriculum / Q-Course Number:** Q15F, Copper Country Live Burn Training
Total Capacity per Class: 25 per class, 10 classes scheduled for 2020, 250 maximum trainees this year.	**Total Hours per Class:** 8
Instructor Name(s):	

SECTION III

Applicant Signature:	**Date:** 01/31/2020
Name of Applicant: Jonathan Stone	**Email:** jcstone@mtu.edu
Fire Chief Signature:	**Date:** 01/31/2020
Name of Fire Chief: Mike Pionke	**Email:** mjpionke@mtu.edu

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

Application Questions:

1. Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?

   Last year we received an MFFTC grant towards a live-burn facility. The overall project was $167k. We reduced construction costs to increase the complexity of the building. To meet our budget had to eliminate movable partition walls in the burn room. We are requesting support to acquire these walls.

2. How much money are you requesting to fund your grant?

   We are requesting $4,677.79. These walls are only available from the manufacturer of the training facility because they are engineered for the specific specifications of the burn room. As a result, competitive bidding will not be utilized for the purchase. See attached quote from Fire Facilities, Inc.

3. Please share in detail (using 500 words or less):

   a. Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?

   b. How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?

   c. Have you pursued other grants or funding options? If yes, please explain.

The live-burn facility gives firefighters the opportunity to train in actual fire conditions. This is critical to understand fire behavior and to improve detection and suppression techniques. Ultimately live-burn training enhances firefighter safety while also improving our effectiveness. The movable partition walls requested in this grant will improve the life-like training scenarios presented to firefighters in our new facility. Currently trainees enter the burn room and are immediately presented with the fire in the Class A burn prop. By adding movable walls, firefighters will have to search for the seat of fire and stretch hose around barriers in a similar manner to the conditions encountered in structure fires. The partition walls are movable to allow for greater variety so each training scenario can be adjusted so firefighters do not become complacent with single-room, static training revolutions.

We scheduled ten (10) training classes utilizing this facility in 2020 (Q15F) with a seating capacity of 25 firefighters per class (250 maximum trainees). The manufacturer told us that we proper maintenance, this training facility could last over 25 years. This live-burn training facility has the capacity to train thousands of firefighters from across the Western Upper Peninsula in the coming years.

Our fire department obtained grant funding for the facility last year. We eliminated the movable partition walls to keep within budget with the plan to add them as soon as additional grant funding became available.

The Copper Country Live-Burn project has received financial support or gift-in-kind support from the following partners:

The Portage Health Foundation (phfgive.org, see the following story: https://www.youtube.com/watch?v=U7EAHK6oJVU)

Copper Country Volunteer Fire Fighter Association

Anderson Trucking & Excavating, Hancock, MI

G & D Contracting, Atlantic Mine, MI

Great Lakes Mineral, Houghton, MI

Integrity Custom Concrete, Atlantic Mine, MI

KTA Plumbing & Heating, Atlantic Mine, MI

Superior Sand & Gravel, Hancock, MI

TPS Construction, Chassell, MI

We have exhausted local funding opportunities for this project. Additional financial support from outside the community is needed to obtain the movable partition walls requested in this grant request.

Thank you for your consideration.

Parts Quote

FIRE FACILITIES INC®
Steel Fire Training Towers
314 Wilburn Road
Sun Prairie, WI. 53590
ph. 800 / 929-3726
fax: 866 / 639-7012

Quote #: 028210
Date: January 28, 2020

BILL TO: Stanton Township Vol. Fire Dept.
Address: 16841 Fire Hall Road
City: Houghton
State: MI
Zip: 49931

Contact: Mike Pionke
Phone #: 906/231-6872
Customer #: 46204
Fax #:

SHIP TO:
Name: Same.
Address:
City:
Zip:

QTY	Description	Part #	UNIT PRICE	EXT. PRICE
8	Movable Partition Panels including 1 - 10' L track each	Assy	$358.00	$2,864.00
1	Movable Partition Panel with working door (no track)	329104	$908.00	$908.00
12	Partition Panel Tracks, 10'L	329007	$47.18	$566.16
180	Track Fasteners	760600	$0.08	$14.40

Sub-total	$4,352.56
Freight	$325.23
Tax*	EXEMPT
Total	$4,677.79

By: S. Mertig for John Schauf

Note: Typical ship date for materials is 4-6 weeks from date of signed purchase order.
Lead times may vary depending upon items requested.
Prices are effective for 60 days from the date of the quote.
Payment is due, in full, 30 days from the date of shipment.
Prices are in U.S. Dollars

IN WITNESS WHEREOF, the parties hereto have executed this agreement effective as of the day and year set forth on this page.

[BUYER]
By: _____
Title: _____
Duly Authorized Representative of Buyer
Date: _____

[SELLER]
By: _____
Title: _____
Duly Authorized Representative of Seller
Date: _____

4240.SFF.0517

FMG-138

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Romulus Fire Dept.	**Pin Number:** 552047	**Date:** JAN 30, 2020
Name of Fire Department: **NFIRS #:** 8241		**County:** WAYNE
Fire Department Street Address: 28777 Eureka Rd		
City: Romulus **State:** MI	**Zip Code:** 48174	**Email:** kkrause@romulusgov.com
Applicant Phone Number: 734-955-8960	**Alternate Number:** 734-941-8585 248-342-0258	

SECTION II

Course / Project Name: Pump operator: Overcoming Real World Challenges	**Amount Requested:** $800

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): NFPA 1002	**Curriculum / Q-Course Number:** Q54D
Total Capacity per Class: 20 (twenty)	**Total Hours per Class:** 8
Instructor Name(s): Capt. Dan Evans, Safety Ofc. David Jackson	

SECTION III

Applicant Signature: Kevin W. Krause	**Date:** JAN 30, 2020
Name of Applicant: Kevin Krause	**Email:** KKrause@romulusgov.com
Fire Chief Signature: Kevin W. Krause	**Date:** JAN 30, 2020
Name of Fire Chief: Kevin Krause	**Email:** KKrause@romulusgov.com

BFS USE ONLY

Course ID	Tracking Number	Course Manager	MM/DD/YYYY

PUMP OPERATOR: OVERCOMING REAL WORLD CHALLENGES Q54D

MFFTC Grant Application

Application Questions:

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**

   With Grant support from the MFFTC, Romulus FD, will host this course at zero-cost to NFIRS-compliant departments. This training addresses NFPA 1200.

2. **How much money are you requesting to fund your grant?**
   $800.00
   For 20 fire fighters

3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**

      The Romulus Fire Department has over the course of the last year and a half hired 10 new firefighters with an additional 2 in process. With a total of only 21 suppression positions, over half of the department is still "new". Many of the new hires are somewhat fresh out of the academy, however, due to the operational model of 7 firefighters per platoon/shift – and a call volume in excess of 5,000 annually, these firefighters must be trained for practical application during their probationary period of one year. So these personnel have gained some experience over the last year and they are all FFI and II certified. They need training in the real world challenges before they face them. There isn't the luxury of having them on the rescue for a year or two or longer. They need this training now.

   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
      This is the department's first attempt to fund this training.

   c. **Have you pursued other grants or funding options? If yes, please explain.**
      Not directly this year. Firefighters have been focused on their NIMS training and Blue Card Training in this first year as well as Driver's training. 75% of them are in paramedic school as well.

Pump Operator: Overcoming Real World Challenges
OFFT Course Code: Q54D

Course Overview:
Are you delivering the flow rates vital to the safety of your attack crews, and meet NFPA standards? The pump operator is the only person working alone on the fire ground. He/she must have the knowledge, skills, and practical experience needed to provide an adequate, reliable water supply to your suppression crews.

This 8 hour course is designed to challenge the pump operator to deliver the NFPA required flow rates in real world scenarios, while maintaining an adequate water supply.

Through hands-on evolutions, and the use of in-line flow meters, firefighters will identify the current flow rates of their apparatus pre-connect attack lines; hose assemblies up to 300 feet in length and ground monitors/master streams. Operators will also be challenged with a variety of pumping and water supply "problems" during practical exercises. Instructors will coach pump operators through the step-by-step process of identifying, correcting, and re-establishing adequate water supply and flow rates to suppression crews.

Class Schedule:
- 1 hour classroom (start)
- 7 hours practical (includes break for lunch and wrap-up)

Student Profile:
- Firefighter I minimum, Firefighter II preferred
- Some pumping experience. *This class is not designed to train new pump operators.*

Prerequisites:
- Advanced Pump Operator (MFFT Q54A) or similar is strongly recommended but not required.

Maximum Number of Students:
20 (twenty)

Apparatus & Equipment Required:
- Suitable classroom
- Practical site shall be large enough for at least 300 feet of supply hose and up to 300 feet of attack hose.
- Also, water source used will be determined by the host department.

For additional information or to schedule a class contact:
Captain Dan Evans, devansfire@gmail.com
Saginaw Township Fire Department / Fire Fighter, Bishop International Airport
Safety Officer David Jackson, djacksonstfd@gmail.com
Saginaw Township Fire Department

FY20 MFFTC TRAINING/EQUIPMENT/PROPS GRANT APPLICATION

Michigan Department of Licensing & Regulatory Affairs
Bureau of Fire Services, PO Box 30700, Lansing, MI 48909
Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

FMG-139

Please see the FY20 Michigan Fire Fighters Training Council (MFFTC) Grant Program memo for details. All FY20 MFFTC Training/Equipment/Props Grant Applications must be submitted via email to LARA-BFS-GRANTS@michigan.gov by 5:00 p.m. on January 31, 2020. Each grant application will be reviewed by the Bureau of Fire Services' staff for completeness. Only grant applications that meet the specified requirements will be forwarded to the MFFTC for funding consideration.

SECTION I

Name of Applicant: Joseph Kinnucan		**Pin Number:** 572483	**Date:** 01/31/2020
Name of Fire Department: Norton Shores Fire Department **NFIRS #:** 06115			**County:** Muskegon County
Fire Department Street Address: 1100 E. Pontaluna Rd			
City: Norton Shores	**State:** Michigan	**Zip Code:** 49444	**Email:** joseph.kinnucan@mcd911.net
Applicant Phone Number: 231-798-2255		**Alternate Number:** 231-638-4064	

SECTION II

Course / Project Name: Training House Accessories	**Amount Requested:** 4607.84

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s):	**Curriculum / Q-Course Number:**
Total Capacity per Class: Several	**Total Hours per Class:** Various
Instructor Name(s): various	

SECTION III

Applicant Signature: Joseph Kinnucan	**Date:** 01/31/2020
Name of Applicant: Joseph Kinnucan	**Email:** joseph.kinnucan@mcd911.net
Fire Chief Signature: Robert S. Gagnon	**Date:** 01/31/2020
Name of Fire Chief: Robert Gagnon	**Email:** Robert.gagnon@mcd911.net

BFS USE ONLY

Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

1. We are proposing the purchase of supplies to complete the build of our training house. The structure is mostly built, and now needs supplies for smoke simulation and student observation/evaluation. The house and equipment can be utilized by any Fire Department for training purposes that is NFIRS compliant.

2. The total cost of the project is $9727.84

   a. Parts and Materials: $4607.84

   b. Labor: $5120 (We will cover labor costs)

   c. **Total Grant Request: $4607.84**

Training House Smoke System					
Item	Qty.	$ Each	Total	Vendor	Note
3" X 10 ft. cellular core PVC Pipe	20	$7.52	$150.40	Menard's	Vollume priced after 10 units
3" PVC Elbow	15	$1.99	$29.85	Menard's	
3" PVC T's	7	$6.17	$43.19	Menard's	
3" PVC Couplings	6	$3.40	$20.40	Menard's	
3" Waste Gate Valves	8	$15.00	$120.00	Internet	
PVC Glue	2	$9.00	$18.00	Menard's	
PVC Primer	2	$9.00	$18.00	Menard's	
3" PVC "J Hangers"	35	$1.00	$35.00	Menard's	Packaged per 4, priced per each.
Blower Fan	1	$98.00	$98.00	Grainger	

Training House Camera System					
Item	Qty.	$ Each	Total	Vendor	Note
4K 16- Night Vision Camera System	1		$2,999.00	Lorex Technology	https://www.lorextechnology.com/4k-ip-camera-system/4k-ultra-hd-ip-nvr-security-camera-system-with-16-ip-cameras/4KHDIP1616NW-1-p#reviewSection
Computer System and Monitor	1		$750.00	Best Buy	Computer and Monitor to review system
CAT -6 Cable	1		$176.00	Menards	
CAT -6 Cable Misc Terminals	1		$100.00	Menards	
Cable staples, hardware to install	1		$50.00	Menards	

3.

   a. The importance of hands-on training such as this training house offers is immeasurable. This house is designed to incorporate several skill exercises, including firefighter survival, RIC, search and rescue, laddering, ventilation, hose line advancement, TIC usage, and more. It is designed to offer training for both the seasoned and brand new fire academy student. The design also boasts the ability to change the interior with modular walls, giving a unique experience every time a student enters the structure.

   b. The Norton Shores Fire Department has been slowly completing this project over the past 4 years. The completion so far has mostly been done by firefighters themselves, utilizing their skills to make it happen. It became an opportunity which the City has supported since the DPW moved to a new location. Upon that move, the previous facility was given to us for training, including a large warehouse. This is where the training house is located.

   c. Funding for this project so far has been budgeted through City operational finances. No other grant funding has been sought to this point.

FMG-140

Email: LARA-BFS-GRANTS@MICHIGAN.GOV
Phone: 517-241-8847

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SECTION I

Name of Applicant: Austin Saxton	**Pin Number: 764711**	**Date: 1-30-2020**
Name of Fire Department: Long Lake Township Fire Rescue **NFIRS #:** 02807		**County: Grand Traverse**
Fire Department Street Address: 8868 North Long Lake Rd		

City: Traverse City	**State: MI**	**Zip Code: 49685**	**Email: firetraining@longlaketownship.com**
Applicant Phone Number: 231-947-4096		**Alternate Number: 231-492-6001**	

SECTION II

Course / Project Name: FF Escape/FF Down Rescue	**Amount Requested: $6495.00**

Application Questions: Please attach your responses as a separate document.

1. **Please share (using 50 words or less) what you intend to do with your FY20 MFFTC Training/Equipment/Props Grant and how you will use this training and/or equipment/prop?**
2. **How much money are you requesting to fund your grant?**
3. **Please share in detail (using 500 words or less):**
   a. **Why this FY20 MFFTC Training/Equipment/Props Grant is important to elevating or expanding the firefighting skills of your members?**
   b. **How long has your department been pursuing this training opportunity or trying to obtain the equipment/prop?**
   c. **Have you pursued other grants or funding options? If yes, please explain.**

Applicable NFPA Standard(s): 1001, 1500, 1021, 1410, 1404, 1407	**Curriculum / Q-Course Number:**
Total Capacity per Class: 25	**Total Hours per Class: 5 hrs x2 classes**
Instructor Name(s): Tom Basher	

SECTION III

Applicant Signature:	**Date:** 1/31/20
Name of Applicant: Austin Saxton	**Email: firetraining@longlaketownship.com**
Fire Chief Signature:	**Date:** 1/31/20
Name of Fire Chief: Chief Andrew Down	**Email: chief@longlaketownship.com**

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Course ID	**Tracking Number**	**Course Manager**	**MM/DD/YYYY**

1) Skills Day; focusing on two primary areas of concern:

Class 1: Firefighter Escape: Including upper floor escapes, basement bailouts, SCBA emergency procedures, and entanglement.

Class 2: Firefighter Down Rescue: Techniques for rescuing a downed firefighter from upper and lower level floors, stairwells and tight hallways

2) Cost of the class: $6495.00

3)

A. To whom it may concern,

Long Lake Fire Rescue prides itself on progressive training while providing our residents with the best possible service. However, like many departments across the nation, funding for quality training is difficult to obtain. With this grant funding, we could provide ourselves and many of our neighboring departments with life-saving firefighter training.

Our Regional Training Center typically only offers these courses during the initial fire academy. Many of our firefighters have not been exposed to the advanced escape and self-rescue techniques that these classes would provide. This class is presented by Meridian Fire Training, which is known to provide outstanding, challenging, and progressive fire training. Our members are our most important asset and arming them with the skills to rescue themselves and others is one more way to get them home safely.

Please note, we will also be submitting this training for Q Course approval prior to the February 11th MFFTC meeting.

B. We have been attempting to fund this training for approximately 3 years.

C. We have not pursued other grants for this training. However, we have attempted to partner with other area departments to fund this course but were unable to obtain the necessary funding.

Thank you for your consideration,

Austin Saxton

Firefighter/MFR/Training Coordinator

Long Lake Fire Rescue