LAS POSITAS COLLEGE

Instructional Equipment Request (IER) Form
FY 2022-2023

Deadlines

Date	Action
October 12, 2022	IER forms due to Division Dean
October 19, 2022	Division review of IER forms (Dean & VP signature)
October 21, 2022	IER forms due to Executive Assistant of Administrative Services (with Dean & VP signature)

Checklist

- ☑ All IER form fields complete (**attach requisition and quote before e-signing IER form**)
- ☑ Requisition completed and attached
- ☑ Valid quote attached (with extended expiration date) including (1) shipping costs, (2) installation fees, and (3) taxes. **Do not split quotes or submit duplicate quotes**. For assistance with quotes, please contact Bill Pagano at bpagano@clpccd.org or (925) 485-5271.
    - If the quote total (including taxes) ranges from **$30,000 to $99,099**:
        - You must submit **three** written quotes with your request.
    - For quotes of **$99,100 or more**, the request must go out for bid (aka RFP process) and requires Board approval. You will be provided further instruction after your request is approved.
- ☑ IER form and requisition signed by Requestor
- ☑ IER form, requisition, and quote submitted as one PDF file to Division Dean including:
    - New Vendor Form (if new vendor)
    - Copy of W9 (if new vendor)

*Note: Mac Users – do not use Apple Preview to complete forms – data will not appear when printed.

IER Process Flow

1. All paperwork filled out and signed by Requestor
2. Requestor submits to Dean for signature
3. Dean submits to VP for signature
4. VP submits to Executive Assistant of Administrative Services for review
5. EA Admin Svcs submits to M&O and IT for review
6. EA Admin Svcs creates scoring spreadsheet and disseminates to committee
7. RAC scores submissions and returns to EA Admin Svcs
8. EA Admin Svcs combines committee scores for review
9. RAC Chair documents committee scoring in memo
10. College President meets with RAC Chair to review committee recommendations
11. President's Office provides approval memo to RAC
12. RAC submits IER forms to Business Office for processing

Instructional Equipment Definitions

Allowable Items

Allowable Items: Instructional equipment expenditures are eligible if the equipment, library material, or technology is for classroom instruction, student instruction or demonstration, or in the preparation of learning materials in an instructional program. There are five categories that will be used to classify instructional support. Please note that requests are not limited to the examples shown below.

1. **Equipment and Furniture**: instructional equipment and furniture for primary use by students in instructional programs:
    a. Classroom/laboratory equipment including whiteboard, screen, projector, etc.
    b. Instructional furniture including desks, tables, podium, chairs, etc.
2. **Information Technology**: instructional information technology equipment for student use in classrooms and/or laboratories including desktops, laptops, monitors, printers, servers, network/wireless infrastructure, AV/TV, multimedia.
3. **Software**: software licenses are allowed but only the initial year is permitted. Other software that are permitted are those that are used in excess of one year and software modifications that add capacity or efficiency to the software that defers obsolescence and results in an extension of the useful life of the software, including registration, counseling, student services, learning management systems for student use.
4. **Adaptive Equipment**: adaptive equipment for ADA/OCR students are allowed to assist them in a learning environment.
5. **Library Material**: databases, online subscriptions, books, periodicals, videos, etc.

Non-Allowable Items

Non-Allowable Items: Administrative or non-instructional purposes including equipment being used for administrative or non- instructional purposes is not allowed, including photocopiers, file cabinets, bookcases, computers, networking infrastructure, software licenses.

IE Rubric

RAC evaluates each IE request based on the rubric below. RAC stresses the importance of quality requests. RAC may choose not to rank incomplete IE requests.

Criteria	Strong Evidence	Adequate Evidence	Limited Evidence
LPC Mission & Planning Priorities [Section 2] ***(5 points)*** Ranking Scale	Clear and compelling evidence/data that equipment will fully support LPC Mission and Planning Priorities. 4-5	Clear evidence/data that equipment will fully support LPC Mission and Planning Priorities. 2-3	Limited or no evidence/data that equipment will support LPC Mission and Planning Priorities. 0-1
Educational Items: Programmatic Impact and Institutional Support [Section 3] ***(10 points)*** Ranking Scale	Clear and compelling evidence/data (as stated in program review) that this equipment will have substantial impact on program curriculum. 8-10	Clear evidence/data (as stated in program review) that this equipment will have substantial impact on program curriculum. 4-7	Limited or no evidence/data (as stated in program review) that this equipment will have an impact on program curriculum. 0-3
Teaching & Learning [Section 4] ***(10 points)*** Ranking Scale	Clear and compelling evidence/data that equipment provides much needed or beneficial enhancement to instruction. 8-10	Clear evidence/data that equipment provides enhanced instruction that is not met through current means. 4-7	Limited or no evidence/data that equipment provides enhanced instruction that is not met through current means. 0-3
Outcomes [Section 5] ***(5 points)*** Ranking Scale	Clear and compelling evidence/data that equipment will support course and/or program outcomes above and beyond current capability. 4-5	Clear evidence/data that equipment will support course and/or program outcomes beyond current capability. 2-3	Limited or no evidence/data that equipment will support course and/or program outcomes beyond current capability. 0-1

Instructional Equipment Request Form

Name of Requestor: George T Freelen **Division:** PATH

This Equipment Request is: ☐ A Replacement | ☐ An Upgrade | ☑ New Equipment or Technology

SECTION 1: Equipment Description

Describe the specific equipment requested and how it will be used to replace, upgrade, or provide new technology to LPC from what is currently in place:

Equipment Location

Building #: New Fire Training ground **Room #:** TBA

Comments:

Fireblast systems are designed and built utilizing the most current codes, standards and recommendations published for this type of equipment. The systems design and equipment is tested and certified compliant with these codes and standards by a testing laboratory that is Nationally Recognized and Internationally Accredited.
My proposal to purches three Exterior Training Props and controller.
The Exterior Falcon Controller Dual, with included Wireless Control will operate
The Falcon CX Car,
The Falcon EX Dumpster,
The Falcon EX Pressure Vessel 250.
These props have pads already built into the new Fire traning grounds.

If applicable, describe the legal requirement, mandate, or safety concern related to the purchase of this equipment, making specific reference to legal requirements or regulations:

SECTION 2: LPC Mission Statement and LPC Planning Priorities

LPC Mission Statement

Las Positas College is an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career- technical goals while promoting lifelong learning.

LPC Planning Priorities

- Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

Explain how the equipment supports LPC's Mission Statement and Planning Priorities:

The system incorporates innovative technology with the highest level of safety equipment to provide realistic real life training environments. The system integrates the most current codes and standards with advanced technology that provides the end user with state of the art operational equipment. The system will provide the operator with a wireless pendant controller, a portable control podium and a portable igniter module.
Each prop is constructed of corrosion resistant steel. All pilot and burner equipment will utilize stainless
steel components with constant ignition. The burner management equipment consists of ultra violet flame detection sensors for both the pilot and main burner flame verification.
The props give the Academy the ability to teach State Fire Marshal Fire class Fire Control 4: Controlling Ignitable Liquids and Gases needed for Firefighter 2.

SECTION 3: Educational Items | Program Review

Specify the educational programs the equipment supports:

This new equipment will support the training in the Fire Academy and provide them with more realistic training like the will see in the field.

Is the equipment part of an upcoming Program Review? Was it included last year? If not, why? Use language from your Program Review to explain:

No

Part A: Initial Start-Up Costs		
Type	**Cost**	**Comments**
Equipment or Materials	$ 59,224.00	Three Props. Car, Dumpster, and Pressure vessel
Shipping & Delivery Fees	$ 5,488.00	
Installation Costs		
Miscellaneous Costs	$ 8,728.00	ADDITIONAL IGNITOR
Modification to Facilities		
Operator Training		
Maintenance/Repair Training		
Storage		
Other	$ 18,970.00	EXTERIOR EX CONTROL STATION REQUIRED
Discounts (enter as negative)		
Sub-Total	$ 92,410.00	
Taxes		included
Grand Total	$ 92,410.00	

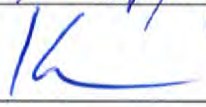
Part B: Annual Operating Costs		
Type	**Cost**	**Comments**
Service/Maintenance		
Part Replacement		
Vendor Calibration or Standardization		
Storage		
Supplies	$ 3,000.00	refill on propane
Maintenance/Repair Labor		
Software Licensing		
Other		
Grand Total	$ 3,000.00	
Overall Cost:	$ 95,410.00	

Operator	
Primary operator:	Academy Faculty
Does the work align with current position duties?	☑ Yes | ☐ No
Cost to train primary operator:	included
Approx. # of hours equipment will be used per month:	10-20
Comments: Props will be used during the Fire Academy.	

Maintenance and Repairs	
Who will perform maintenance and repairs?	Faculty
Estimated hours per month:	5
Does the work align with current position duties?	☑ Yes | ☐ No
Cost to train for maintenance and repairs:	included

Approvals and Signature Routing

Before signing below, please confirm all fields are filled out and all information provided is correct. Requests must be fully complete, signed, and submitted to your Division Dean by the deadline (see page 1). **Requisition and quote must be attached to this form before signing. Adobe prevents adding pages once a document has been e-signed.**

Requestor:		**Date:**	10/12/22
Division Dean:		**Date:**	10/19/22
Vice President:		**Date:**	
College Technical Service Manager:		**Date:**	
M&O Director:		**Date:**	
Vice President, Administrative Services:		**Date:**	

LAS POSITAS COLLEGE

Office of Administrative Services

Requisition Request Form

(Wait 5-10s) Reset Submit

R_____-_____

Fiscal Year	Vendor ID #	Vendor Name	Date Required
22-23		Fireblast Global	

Deliver To	Room #	Return Copy of Requisition To
George Freelen	New Fire Training Grounds	Ellie Hirstein

Seq	Item #	Description	Qty	Unit Price	Extended Cost
1		Exterior PROP Falcon CX Car Simulator	1	$ 46,209.00	$ 46,209.00
2		Exterior PROP Falcon EX Dumpster	1	$ 7,500.00	$ 7,500.00
3		Exterior PROP Falcon EX 250 Pressure Vessel	1	$ 5,515.00	$ 5,515.00
4		Exterior EX Control Station (required)	1	$ 18,970.00	$ 18,970.00
5		Additional Ignigtor	1	$ 8,728.00	$ 8,728.00
6		1 yr Warranty (included)	1		
7		One day of operational training (included)	1		
8					
9					
10					
11					
12					
13					
14					
15					

Comments		
	Subtotal	$ 92,410.00
	10.25% Tax	$ 9,472.03
	Shipping	$ 5,488.00
	Total Cost	$ 107,370.03

FOAP to be Charged	%	Amount
- - - 125000		
FUND ORG ACCOUNT PROGRAM		
- - -		
FUND ORG ACCOUNT PROGRAM		

Ellie Hirstein — 10/18/22
Requestor (print name) *Date*

Coordinator/Manager (signature) *Date*

Dean (signature) 10/19/22 *Date*

Vice President (signature) *Date*

OFFICE OF ADMINISTRATIVE SERVICES USE ONLY

Reviewed: _____ *Administrative Services*
Verified: _____ *Administrative Services Officer*
Approved: _____ *VP, Administrative Services*

PO Number: _____ Budget Transfer #: _____ Entered: _____

TR 4/6/20

Las Positas College
Fire Program

SUBJECT: ***Proposal for Exterior Gas Fired Props***

To Whom It May Concern,

Thank you for selecting Fireblast Global for the Las Positas College fire training program site, as we have also been selected by Chabot College for the project involved with the City of Hayward. Attached please find our proposal for our Exterior Training Props. Please note the Exterior Falcon EX Controller Dual, with included Wireless Control will operate the Falcon CX Car, Falcon EX Dumpster, and Falcon EX Pressure Vessel 250. Additional training props can be purchased in the future that will function with the equipment already priced within. Our equipment will operate with Natural Gas as its source.

Fireblast Global is a Single Source Provider of Advanced Live Fire Training Simulators, specializing in the design and production of fire training equipment for the Civil Aviation, Municipal, Oil and Gas, Industrial, Institutional, and Civil Defense sectors. Our staff designs, engineers, manufactures, and supports the broadest range of fire training products available. We look forward to meeting and exceeding your expectations and your live fire training needs.

Please feel free to contact Mr. Joe Gonzalez at +1.951.616.0717 or jgonzalez@fireblast.com, or the Contract Specialist at +1.951.277.8319 or jkuehl@fireblast.com should any questions arise.

We look forward to fulfilling your fire training needs.

Sincerely,

Joe Gonzalez
Sale Division
Fireblast Global

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON EXTERIOR SERIES

WARRANTY
One (1) – Year after Commissioning and Instructor Training

OPERATIONAL TRAINING
One (1) day, four (4) hours for eight (8) students

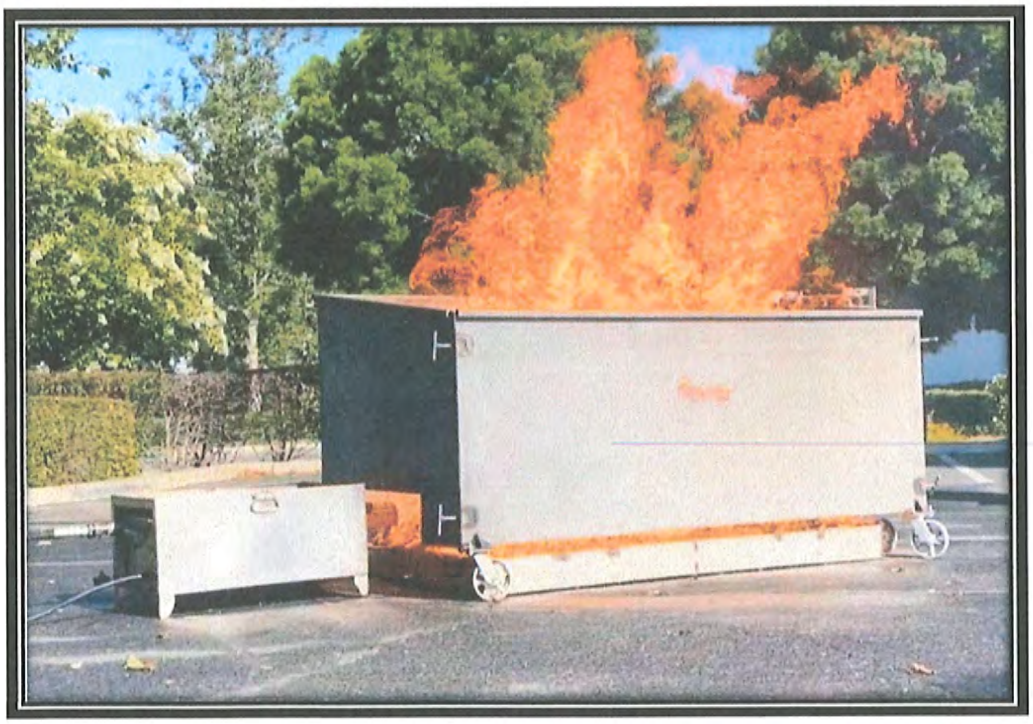
PRODUCT PRICING

DESCRIPTION	PRICE
EXTERIOR PROP Falcon CX Car Simulator	$46,209.00
EXTERIOR PROP Falcon EX Dumpster	$7,500.00
EXTERIOR PROP Falcon EX 250 Pressure Vessel	$5,515.00
EXTERIOR EX CONTROL STATION REQUIRED	$18,970.00
ADDITIONAL IGNITOR	$8,728.00
SHIPPING	$5,488.00
TOTAL GSA PRICING excludes Sales Tax	**$92,410.00**

EXCLUSIONS

Taxes, permits, bonds, duties, fees, offloading at site, special requirements, inspections, infrastructure, required equipment/control space, lining, LPG fuel source, regulators, electrical service, or special certification requirements.

EXTERIOR FIRE SYSTEM FALCON EX LINE



Specifications
Falcon EX Props

This is a summary of specifications for the purchase of a exterior live fire training props. These units are designed to accommodate training in a manner which will provide for safety first, while allowing for realistic training scenarios.

Fireblast systems are designed and built utilizing the most current codes, standards and recommendations published for this type of equipment. The systems design and equipment is tested and certified compliant with these codes and standards by a testing laboratory that is Nationally Recognized and Internationally Accredited.

The system incorporates innovative technology with the highest level of safety equipment to provide realistic real life training environments. The system integrates the most current codes and standards with advanced technology that provides the end user with state of the art operational equipment. Each prop is portable and includes steel casters for easy loading and unloading from the transporter. The system will provide the operator with a wireless pendant controller, a portable control podium and a portable igniter module.

All operational equipment is factory pre-assembled, tested and certified prior to delivery.

Each prop is constructed of corrosion resistant steel. All pilot and burner equipment will utilize stainless steel components with constant ignition. The burner management equipment consists of ultra violet flame detection sensors for both the pilot and main burner flame verification.

General Information

Environment Concerns

Fireblast recognizes the concern of the environmental impact of traditional training exercises by the generation of toxins emitted as air pollution and ground contaminates. With the growing concerns of Global Warming, Fireblast is dedicated to continue testing and developing systems that utilizes environmentally safe fuels in all of our gas fired systems to provide realistic training environments. The Clean Air Act Amendment states that LPG and NG are one solution to a cleaner, healthier environment. Their ability to vaporize rapidly avoids the contamination of soil and groundwater.

Purpose

The system has been designed to meet both the minimum requirements for flammable liquid and gas live fire training certification of entry level fire service personnel, as specified in the NFPA 1001 and advance training scenarios to provide refresher skills and meet ongoing training requirements for the seasoned veteran.

Training Objective

System training capabilities include:

1. Direct and indirect fire attack
2. Flammable liquid spill fire control
3. Pressurized flammable liquid fire control
4. Tactics and strategies
5. Fire suppression techniques

Code Compliancy

This system meets or exceeds current codes, standards and recommendations for this type of equipment. Applicable codes include:

A) NFPA 54	the National Fuel Gas Code
B) NFPA 58	LP Gas Code
C) NFPA 70	NEC
D) NFPA 86	Standard for Ovens and Furnaces
E) UL-508A	Standards for Industrial Control Equipment
F) NFPA 1402	Guide to Building Fire Service Training Centers
G) ANSI Z21 & 83	Series Standards for Gas Utilization Equipment

Additionally, Fireblast units are designed to be compliant and meet the criteria for training as specified in the following NFPA manuals:

A) NFPA 1001
B) NPFA 1403
C) NPFA 1500

Certification

Fireblast is examined by a Third Party Testing Laboratory that is Nationally Recognized and internationally accredited. Fireblast system components are certified compliant with NFPA 86 and electrical components labeled to UL 508A. All Fireblast products are examined by CSA. CSA is accredited by the International Electro technical Commission (IEC) and a member of the International Code Council (ICC). The ICC is responsible for building and fire safety by publishing the International Building Code, Fire Code, Fuel Gas Code, Plumbing Code and Mechanical Code. ICC code applies throughout the United States and internationally. CSA is an accrediting body that has credentials as an NRTL in compliance with OSHA 29 CFR 1910.7.

Fireblast equipment is factory certified which includes a random inspection from our testing laboratory. Each proposal will include a current certificate that is renewed annually. Our certification verifies that the equipment is consistent with approved design and is compliant to current codes and standards for applicable equipment. Additionally an Independent Engineering firm has conducted a safety analysis test in compliance with the MIL STD 882D. A copy of the approval is included with this offer.

Warranty

The offered system will include a 1-year warranty on manufacturer defects and system component failures that occur during normal operations. Excessive wear or premature deterioration of equipment due to abuse or misuse of the unit will not be covered.

Operational Training

Fireblast will provide one (1) day, eight (8) hour operational instruction course for up to eight (8) students. During the operational instruction, each student will be trained on operational policies and procedures necessary for the safe and effective operation of the system, set up, unit familiarization, safety concerns, safety features, operation guidelines, preventative maintenance, and operational controls. Each student will receive sufficient training as to fully understand system capabilities, and a clear understanding of how the system operates. A Master Manual is provided for the department and each student will receive a Student Operations Manual including maintenance procedures. The training course along with the manuals will ensure that personnel are trained to safely and effectively operate the system. Additional training days can be added upon request.

Training Equipment

Equipment Description

The units shall include a programmable logic controller. The system shall include all necessary operating and safety equipment to provide a realistic training tool. The system shall be designed to operate using LPG (Propane) in the vapor state for the pilot and main burn with LPG liquid capabilities for the main flare-up fires.

Controls

The prop controls will utilize a portable control unit. The control unit will include multi stage flame controls and emergency shut down activation. The range of flame intensity shall be operator increased during the flare up mode from the operator control unit. The volume of intensity will be controlled in a manner to permit training advancement through scenarios without setbacks for unnecessary program selections. Operation of the system will incorporate the activation of a dead man switch prior to operation that must be sustained throughout the training exercise.

The operator control unit will include at minimum the following features and functions:

E-stop
Dead man control
Pilot activation
Burner enable
Burner flame verification

Burner/Platforms

The burn props will be constructed of corrosion resistant steel. The wireless pendant controller provides the instructor with the ability to maneuver around the props during the training exercise to observe students. The application of water is verified and controlled by the operator and shut down through the PLC and operating system.

Falcon Ex Props Available:

- Falcon EX 24 Pan – 24 sq ft Fuel spill
- Falcon EX 32 Pan – 32 sq ft Fuel spill
- Falcon EX BBQ
- Falcon EX Dumpster
- Falcon EX Gas meter
- Falcon EX PV 100 – Pressure vessel 100 Gallon
- Falcon EX PV 250 – Pressure vessel 250 gallon
- Falcon EX Paint locker
- Falcon Ex Split Flange
- Falcon EX Xmas Tree
- Falcon EX 100 Pan – 100 sq ft Fuel spill
- Falcon EX Car
- Falcon Ex Helicopter

Systems/Equipment

Electrical

Fireblast Global is a registered UL 508A panel building facility. All electronic components used in our systems are UL certified and listed for the application in which they are utilized. Fireblast control panels are engineer designed and manufactured to UL 508A compliancy. All Fireblast control panels are certified and labeled to this compliancy. Fireblast utilizes electrical enclosures that are NEMA 12/4X rated. The NEC (NFPA 70) is utilized for all electrical installations. Electrical requirements include a 120/ 20 amp draw typical per unit.

Pilot Flame Status Monitoring

The system utilizes ultra violet burner management. Independent constant monitoring of flame propagation at the pilot burner is supplied. If a failure of the pilot burner occurs, the system shall automatically shutdown. The pilot burner is designed to be inextinguishable. In the event that there is a failure of adequate pilot flame production, the fuel delivery system and all inline safety valves, will close.

Fuel Delivery/Valve Assembly

The fuel delivery assembly is installed within a distribution cabinet. The fuel delivery system is equipped with fail-safe, safety shutoff valves that are UL listed and FM approved for gas use. A proof of closure switch and position status is on all prop valves. The gas valve train will include a secondary safety valve for all operational valves per NFPA 86. All gas pipe installation is compliant with NFPA 54 and 58. All equipment is factory wired and tested. Internal gas regulation is included in this assembly. The equipment is assembled with stainless steel piping, and tubing.

Automatic and Manual Safety Shutoffs

Falcon EX 10 controller includes an e-stop in addition to an e-stop located on the wireless pendant controller. The system requires activation of a dead man switch for fuel operations.

In the event of a power loss, all systems are interlocked to fail safe (closed) position. Fireblast fires are manually and computer controlled while automatic safety equipment monitors training conditions and will shutdown in the event of unsafe training conditions.

U.S. General Services Administration

Contract Summary Document

Company Name: FIREBLAST GLOBAL, INC.

Duns Number : 134325419

Contract Number : 47QSWA20D007M

1. **Estimated Award Value :$**

   Base Period :$

   Option Period 1 :$

   Option Period 2 :$

   Option Period 3 :$

2. **Solicitation Number :** 47QSMD20R0001

3. **Contract Period :** June 11, 2020 through June 10, 2025

4. **Business Size :** Small Business

5. **Business Types :**

Business Type	Description
2X	2X - For-Profit Organization
A2	A2 - Women Owned Business
MF	MF - Manufacturer of Goods

6. **Subcontracting Plan Type :** N/A **and Expiration :** N/A

7. **Items Awarded :**

SIN	Description	Large Category	Subcategory
332994	Burning Equipment	Security and Protection	Protective Equipment
332216	Law Enforcement, Firefighting and Rescue Tools, Equipment and Accessories	Security and Protection	Protective Equipment

Labor Categories :

N/A

8. Escalation Rates :

N/A

9. IFF Statement :

552.238-74 - Industrial Funding Fee and Sales Reporting - refer to contract for current version applicable to offer / award

10. Minimum Order Quantities:

N/A

11. Minimum Order Limit : $ 0

12. Maximum Order Limit : $ 0

13. Geographic Coverage :

SIN	Scope
332994	V - 48 States,DC
332216	V - 48 States,DC

14. Prompt payment Discounts :

Discount1 : 00.000 % if Payment is made within 00 days

Discount2 : 00.000 % if Payment is made within 00 days

Net 30 days.

Volume Discounts :

N/A

15. MFC (Most Favored Customer)/BOA (Basis of Award) Customer :

Award is based upon discounts granted to Fireblast Global Inc dba Fireblast Most Favored Customer (MFC) and the Basis of Award (BOA) Customer identified as All Commercial Customers.

The following price/discount relationship is hereby accepted for this award:

Fireblast Global, Inc dba Fireblast Most Favored Customer (MFC) and the Basis of Award (BOA) for this contract are All Commercial Customers. The price/discount relationship between the Government and the MFC will never be less favorable to the Government than at the time of award, that is:
For the life of the contract, the Government and MFC?s, which are All Commercial Customers, basic discount relationship by model will always be maintained as reflected on the attached price proposal spreadsheet.

The award is predicated upon the above listed MFC BOA therefore it is that customer upon which the Price Reduction Clause 552-238-75 will be activated

16. Approved Exceptions :

FIREBLAST GLOBAL, INC. offer dated March 16, 2020 and Final Proposal Revision dated June 5, 2020, submitted in response to standing Solicitation No 47QSMD20R0001, for Multiple Award Schedule MAS, is hereby accepted by the Government.

17. Terms and Conditions :

Clause	Title
52.202-1	DEFINITIONS (NOV 2013)

Terms and Conditions Notes :

Fireblast Global Inc., dba Fireblast offer dated 3/16/20 and Final Proposal Revision dated 6/5/20 submitted in response to Solicitation No. 47QSMD20R0001 (Refresh 0002)

Fireblast Global, Inc Commercial Price List Effective 2018 is approved to be used as the basis of award. In addition Fireblast Final Price Proposal Spreadsheet contains all GSA approved pricing and SIN information.