



CITY OF CHICAGO

OFFICE OF PUBLIC SAFETY ADMINISTRATION

TO: Tiheta Hinton, Acting Chief Procurement Officer
Department of Procurement Services (DPS)

FROM: 
Anastasia Walker, Executive Director
PUBLIC SAFETY ADMINISTRATION (PSA)

DATE: June 21, 2024

SUBJECT: Request for Approval to Utilize a Non-Competitive Review Board (NCRB) Procurement Method the Purchase, Cleaning and Maintenance of Bunker Gear for the Chicago Fire Department (CFD)
Spec# 1298153
5 Year Contract Term: \$45,023,192.32

The Chicago Fire Department (CFD), working with the Office of Public Safety Administration (PSA), is requesting a NCRB Procurement for the purchase, cleaning, and maintenance of required Bunker Gear through the Lion Group, Inc. Lion is the ONLY contractor who can meet the stringent production and scheduled cleaning and maintenance requirements as required by CFD.

Bunker gear (also known as turnout gear) is the personal protective equipment (PPE) used by firefighters. Bunker gear not only protects the firefighters from adverse conditions but also manages and maintains a standard thermal condition inside the clothing. The fabric must be made from a high-performance technical fiber with the engineering of 3 layers of fabric which helps to balance the needed comfort parameters inside the gear. The Bunker Gear must meet or exceed the requirements of the National Fire Protection Association (NFPA) 1851 standard. This standard establishes requirements for the selection, care, and maintenance of firefighting protective ensembles to reduce health and safety risks associated with improper maintenance, contamination, or damage. CFD strictly follows this standard for the safety and well-being of all members. Lion exceeds this standard and consistently meets the critical requirements needed by CFD. All Bunker gear has been supplied or serviced by Lion since 2006.

Lion's gear is worn by the most of largest fire departments in the U.S., including comparable city's like New York. Lion is also the largest supplier of chem-bio protective garments for the U.S. Military and National Guard civil support teams.

All CFD firefighters are required to use Bunker Gear in emergency situations. In 2020, the Chicago Mayor signed a new CFD CBA contract requiring another set of bunker gear for each member. Now each member will have two sets just in case a set is out for maintenance or cleaning. Not having the proper gear in place is no longer an issue in response to emergency situations.

Currently there are over 8,000 sets of Bunker Gear assigned to CFD members. All sets currently in service are on regular cleaning, inspection and repair schedules in accordance with NFPA 1851. Lion opened a dedicated facility in Chicago and employs 18 local employees to support the pickup and delivery, cleaning, inspection, care and maintenance of the fire department's PPE and also act as its quartermaster for the spare (also known as "ChicStock") bunker gear.



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Soiled gear can pose a health risk to firefighters. Smoke deposits and condensed residue can become trapped in fibers and remain there until cleaned, leaving firefighters at risk to secondary exposure to cancer-causing chemicals and gear that may not provide them with protection when needed most. Detecting damage gear early via regular inspections can help prevent ongoing degradation, as well as identify signs of failure before it becomes a safety issue or lead to irreversible damage. The decontamination services are used to remove chemicals and contaminants such as diesel fuel, gasoline, hydraulic oil, pesticides, insecticides, asbestos and other hazardous materials. Repairs are made to extend the life of the protective ensembles and to maintain the garments and peripheral accessories for safety, according to NFPA standards.

The cleaning, decontamination and repair of the personal protective gear is strictly regulated by the NFPA. The service requires a local presence because the fire gear must be picked up from the individual fire stations, cleaned, repaired and returned on a tight timeline delineated by the NFPA requirements and within the work rotations at CFD.

Lion Groups cleaning and maintenance services (aka Lion TotalCare) is the sole source provider for this service. Through Ozone cleaning, in combination with their proprietary cleaning process, Lion can effectively clean gear without damage, providing CFD with a crucial hazard-free cleaning, while being in compliance with the NFPA requirements.

CFD is requesting a full consecutive five-year contract due to the ongoing complex production schedules and the cumbersome logistic program associated with the requirements of the specification. For example, NFPA standards state that all Bunker Gear has a usage life of only 10 years. This means in 2025 the set deployed by CFD in 2015 will need to be changed out for all 4000+ members. This is a complicated effort that needs to be planned for at least a year in advance.

In closing, it is imperative that CFD keeps utilizing the services of Lion Group, Inc. because of strict production and maintenance requirements. Lion has never compromised the health or welfare of CFD members and has consistently pulled through for CFD over 18+ years. Since the two-set requirement was implemented four years ago, Lion has doubled its production and delivery schedules without hesitation and without decreasing quality.

Thank you in advance for your consideration. PSA is requesting this procurement be approved and expedited as a high priority safety initiative for the Chicago Fire Department. Please feel free to contact Kevin Pater, PSA Deputy Director, with any questions or concerns.

cc: Frank Lindbloom, PSA
Natalie Gutierrez, PSA
Kevin Pater, PSA



Attach required forms for each procurement type and detailed scope of services and/or specifications and forward original documents to the Chief Procurement Officer; City Hall, Room 806.

Date: 05/29/2024

Department Name: Public Safety Administration

Requisition No: 598423 Specification No: 1298153

PO No: Modification No:

Contract Liaison: Humberto Moya

Telephone: 312-745-5591

Email: humberto.moya2@cityofchicago.org

Project / Program Manager: Kevin Pater

Telephone: 312-745-3710

Email: kevin.pater@cityofchicago.org

For Blanket Agreements, the lead department must consult with other departments who may want to participate in the Blanket Agreement. If grant funded, attach copy of the approved grant application and other terms and conditions of the funding source.

Note:

1) **Funding:** Attach information if multiple funding lines

2) **Individual Contract Services:** Include approval form signed by all parties

3) **ITGB:** IT project valued at \$100,000.00 or more, attach approval transmittal sheet.

*Contract Liaison Signature

By signing this form, I attest that all information provided is true and accurate.

Project Title: Chicago Fire Department Bunker Gear Purchase, Cleaning and Maintenance

Project Description: NCRB Request: Bunker Gear Purchase, Cleaning and Maintenance

Funding:

Corporate Bond Enterprise Grant Other:

IDOT/Transit IDOT/Highway FHWA FTA FAA

LINE	FY	FUND	DEPT	ORGN	APPR	ACTV	PROJECT	RPTG	ESTDOLLAR AMOUNT
024	0100	059	4136	0140	2201	40	-0100		25,932,040.00
024	0075	059	2005	2081	22000	-000	200711		19,091,115.23

Check One:

New Contract Request

By signing below, I attest the estimates provided for this contract are true and accurate.

Corr 024 0100 059 4136 0140 2201 40 -0100 25,932,040.00

BOND (ENOTE) 024 0075 059 2005 2081 22000 -000 200711 19,091,115.23

Project / Program Manager Signature

Commissioner/Authorized Designee Signature

Purchase Order Information:

Contract Term (No. of Months): 60

Extension Options (Rate of Recurrence):

Estimated Spend/Value: \$ 45,023,192.32

Grant Commitment / Expiration Date:

Pre-Bid/Submittal Conference: Yes No

Mandatory Site Visit

Purchase Order Type:

Blanket/Purchase Order (DUR)

Master Consultant Agreement (Task Order)

Standard/One-Time Purchase

Procurement Method:

Bid RFP RFQ RFI

Small Order

Contract Type:

Architect Engineering Commodity Construction JOC SBI

Professional Services Revenue Generating Vehicle & Heavy Equipment

Work Service Joint Procurement Reference Contract

Special Approvals Required:

Emergency

Non-Competitive Review Board (NCRB)

Request for Individual Contract Services

Information Technology Governance Board (ITGB)

IDOT Concurrence

Modification or Amendment

Modification Information:

PO Start Date:

PO End Date:

Amount (Increase/Reduction):

MBE/WBE/DBE Analysis: (Attach MBE/WBE/DBE Goal Setting Memo)

Full Compliance Contract Specific Goals

No Stated Goals Waiver Request

Risk Management / EDS / IDOT

Insurance Requirements (included) Yes No

EDS Certification of Filing (included) Yes No

IDOT Concurrence (required) Yes No

Safety Enhancing Vehicle Equipment (MCC 2-92-597) Yes No

Modification/Amendment Type:

Time Extension Scope Change/Price Increase /Additional Line Item(s)

Vendor Limit Increase Requisition Encumbrance Adjustment

Other (specify):

Vendor Information

Name: Lion Group, Inc

Contact: Brian Blinn

Address: 7200 Poe Ave. Dayton, OH 45414

E-mail: brian.blinn@lionprotects.com

Phone: 800-421-2926



DEPARTMENT OF PROCUREMENT SERVICES
NON-COMPETITIVE REVIEW BOARD (NCRB) APPLICATION

Complete this cover form and the Non-Competitive Procurement Application Worksheet in detail. Refer to the page entitled "Instructions for Non-Competitive Procurement Application" for completing this application in accordance with its policy regarding NCRB. Complete "other" subject area if additional information is needed. Subject areas must be fully completed and responses merely referencing attachments will not be accepted and will be immediately rejected.

Department: Chicago Fire Dept
Originator Name: Kevin Pater
Telephone: 312-745-3710
Date: 5/29/2024
Signature of Application Author: [Handwritten Signature]
Contract Liaison: Humberto Moya
Email Contract Liaison: humberto.moya@cityofchicago.org
Telephone: 312-745-5591

List Name of NCRB Attendees/Department
Kevin Pater, Public Safety Administration
Humberto Moya, Public Safety Administration
Michael Oquendo, CFD Chief Logistics
Brandon Keller, CFD Deputy Chief

Request NCRB review be conducted for the product(s) and/or service(s) described herein.

Company: Lion TotalCare

Contact Person: Brian Blinn
Phone: 937-670-2205
Email: bblinn@lionprotects.com

Project Description: CFD Bunker Gear Purchase, Maintenance, Inspection, Cleaning and Repair

This is a request for:

- Contract Type: [X] Blanket Agreement Term: 60 (# of mo), [] Standard Agreement
[] New Contract, [] Amendment / Modification
Type of Modification: [] Time Extension, [] Vendor Limit Increase, [] Scope Change
Contract Number: _____
Specification Number: _____
Modification Number: _____

Department Request Approval: [Signature] 5-29-2024
Recommended Approval: [Signature] AUG 27 2024
DEPARTMENT HEAD OR DESIGNEE: ANASTASIA WALKER
BOARD CHAIRPERSON: Steven M. Laboda

(FOR NCRB USE ONLY)
Recommend Approval/Date: _____
Return to Department/Date: _____
Rejected/Date: _____

[X] Approved [] Rejected
[Signature] 8/27/24
CHIEF PROCUREMENT OFFICER DATE



**DEPARTMENT OF PROCUREMENT SERVICES
NON-COMPETITIVE REVIEW BOARD (NCRB) APPLICATION
JUSTIFICATION FOR NON-COMPETITIVE PROCUREMENT WORKSHEET**

All applicable information on this worksheet must be addressed using each question found on the "Instructions for Non-Competitive Procurement Application" in this application.

Justification for Non-Competitive Procurement Worksheet

PROCUREMENT HISTORY

1) LION Group, Inc. ("Lion") has been serving the Chicago Fire Department since 2006. In the mid 2000's the industry standard changed for in response to the new National Fire Protection Association (NFPA) standards. This standard establishes requirements for the selection, care, and maintenance of fire fighting protective ensembles to reduce health and safety risks associated with improper maintenance, contamination, or damage. This proved a success.

2) This is a continuation of a previous procurement from the same source. Because the program is critical to the health and wellbeing of CFD members it has been expanded significantly throughout the years. To keep the same level of quality and service with Lion, in 2012 these contracts were awarded as reference contracts. In 2020 the Mayor initiated a program to provide each CFD member an additional set of Bunker Gear (now each member has two (2) sets. LION TotalCare Chicago (TotalCare is Lion's Groups Cleaning and Maintenance division) has been in operation since 2006. Lion is the only known full-service 1851 verified ISP in the State of Illinois. Chicago's custom program is designed with a fleet of vehicles that pick-up and deliver Chicago gear during furlough periods as well as emergency situations in a timely manner. All of these are time sensitive and specified in CFD contract language. LION maintains a 24-hour dedicated emergency hotline for CFD.

3) Due to the demanding logistical and supply requirements related to this specification, competitive bidding is not an option.

4) In addition to the City of Chicago, LION is a partner to many of the largest metropolitan fire departments in the country, trusted to meet their PPE and/or PPE care and maintenance needs, including: New York, California, Houston, Philadelphia, Boston, Orange County, Miami, Detroit, Indianapolis, Dallas, Phoenix, San Francisco (just to name a few).

During recruit classes, LION must turn around production for gear in days. As a recruit finishes at the academy, LION picks up the gear, inspects, cleans, makes needed repairs then gets it back to the recruit as they move to their assignment. Timing of this event is critical.

5) Future procurement objectives will be based on CFD requirements, NFPA standards, and a Contractor who can meet required logistics.

6) Future bidding may be a possibility if a Contractor can meet the aggressive (and critical) supply and logistic schedule).

ESTIMATED COST

1) Year 1: New Gear: \$2,406,600.00; Cleaning: \$3,595,792.80

Year 2: New Gear: \$2,526,930.00 + 10 year replacement \$12,634,650.00; Cleaning: \$3,703,666.56

Year 3: New Gear: \$2,653,280.00; Cleaning: \$3,814,776.60

Year 4: New Gear: \$2,785,940.00; Cleaning: \$3,929,219.88

Year 5: New Gear: \$2,925,240.00; Cleaning: \$4,047,096.48

Total: \$45,023,192.30

Funding Source New Gear: 024-0C75-0592005-2081-22000-0000-20076111 (Funded by Bond/ E-Note)

Cleaning: 024-0100-0594130-0140-220140-0100



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2) Year 1: New Gear: \$2,406,600.00; Cleaning: \$3,595,792.80

Year 2: New Gear: \$2,526,930.00 + 10 year replacement \$12,634,650.00; Cleaning: \$3,703,666.56

Year 3: New Gear: \$2,653,280.00; Cleaning: \$3,814,776.60

Year 4: New Gear: \$2,785,940.00; Cleaning: \$3,929,219.88

Year 5: New Gear: \$2,925,240.00; Cleaning: \$4,047,096.48

3) Estimated cost is based on approximate number of new recruits per year and cleaning schedule.

4) LION opened a facility in Chicago primarily to service CFD. This operation employs from the local community and does ALL the cleanings of the Bunker Gear. It also stores and provides delivery and pickups from all firehouses. provides CFD with innovative, comfortable turnout gear with a focus on mobility. For decades, LION has been the industry leader in the fight against firefighter stress by incorporating innovative design features and materials to deliver the most natural, least restrictive movement possible. We are the innovator of dozens of meaningful unique, patented inventions, which are all found in the PPE trusted by the Chicago Fire Department, including :Moisture Management System, Flame-Resistant, Closed-Cell Cushioning and Reinforcements, apertured thermal liners, Integrated Lumbar Support, Mobility System, Ventilated Trim

5) Pricing has been negotiated and is in alignment with all industry standards.

SCHEDULE REQUIREMENTS

1. All firehouses are put on a delivery schedule. All Gear is required to maintained and cleaned based on this schedule. The schedule is complex and crucial to CFD's operations. LION is responsible maintain the required cleaning and maintenance schedules with absolutely no downtime. Schedules are prepared daily and constant communication with CFD staff is required.
2. The lack of drawings and/or specifications is not a constraining factor for competitive bidding.
3. Schedules are critical for the health and safety of all CFD members.
4. The service and support of Bunker Gear Maintenance, Inspection, Cleaning and Repair is not well suited to the competitive bidding process. The production requirements and cleaning/maintenance requirements will not allow other companies to adequately perform application hosting and maintenance support services.

EXCLUSIVE OR UNIQUE CAPABILITY

1) LION® is a family-owned, global business headquartered in Dayton, Ohio, that has been operating continuously since 1898. Municipal, state, federal and military agencies are its primary customers throughout the world. Its mission is to fulfil its customers' personal safety, readiness and identity needs with innovative, game-changing solutions.

LION is uniquely qualified to service the Chicago Fire Department by providing custom structural firefighting coats and pants with a care and maintenance program to keep the gear ready for action.

In addition to the City of Chicago, LION is a partner to many of the largest metropolitan fire departments in the country, trusted to meet their PPE and/or PPE care and maintenance needs.

As of 2024, LION has the most turnout PPE manufacturing facilities in the industry and is the industry leader when it comes to PPE innovation, design, manufacturing and care and maintenance. They service most large City municipal contracts.

To support the Chicago Fire Department, LION has increased operational capacity and is now producing Chicago FD gear at our plants in both Kentucky and Ohio. We have also increased headcount to support the PPE cleaning and care initiatives of critical to support CFD and its operations.

LION provides Chicago Fire Department with a complete customized solution to more efficiently maintain turnout gear and other PPE, which optimizes their protective performance, improves firefighter safety, and provides cost-savings to CFD.



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Lion is a verified ISP recognized by all manufacturers of PPE. The TotalCare team knows NFPA 1971 as well as NFPA 1851 and applies those standards and criteria to all of our services. We specialize in the care and maintenance of PPE, we have developed knowledge on PPE construction and performance requirements, and a skill base to effectively restore their protective performance.

Other Lion services include: Advanced Inspection, Advanced Cleaning, RedZone CO2 Cleaning, Decontamination and Disinfection, Repair, Retrofits and Alterations, Emergency Back-Up Gear, NFPA 1851 Recordkeeping, Customized Programs, 24/7 Access to Reporting, 24/7 Emergency Response

2. LION has a team of resources dedicated to meet the day-to-day servicing needs of the Chicago FD, as well as working collaboratively on future needs. With a dedicated strategic accounts director who handles only 10 other accounts, this ensures time and focus to effectively partner and service the second-largest fire department in the United States. LION's Chicago TotalCare facility employs 18 personnel to support the pickup and delivery, cleaning, inspection, care and maintenance of the fire department's PPE and also act as its quartermaster for the ChicStock turnout gear. In addition, several other key personnel within the LION organization are dedicated to the support and success of this partnership.

3. LION has more than 15 years of experience providing Chicago with custom structural turnout gear and TotalCare care and maintenance services to prolong the life of the gear.

Since the LION partnership with Chicago FD began in 2006, we have successfully and jointly distributed more than 14,000 sets of turnout gear in the field. This includes three mass production and distribution events, including:

5,200 sets of turnout gear in 2006

4,000 sets of turnout gear in 2016

4,000 sets of turnout gear in 2021

All of CFD's sets of turnout gear currently in service are on regular cleaning, inspection and repair schedule in accordance with NFPA 1851, the fire service's Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.

After the first 10 years of servicing Chicago FD's PPE (2006-2016), the department replaced less than 1% of its gear. This was achieved through a thorough and all-inclusive preventative care and maintenance schedule.

LION also provides products and care and maintenance services to seven of the largest 10 fire departments in the country. Many of these fire departments have been doing business with LION for decades. Many major metros contract directly with LION, including Houston, Philadelphia, Phoenix, Columbus, Boston, Dallas and others.

4. As part of the original contract, LION placed the first TotalCare facility dedicated to a specific city and fire department in Chicago.

The PPE cleaning process for CFD is highly specialized.

In LION's TotalCare facility located in Chicago on Springfield Ave, LION's cleaning process utilizes Ozone cleaning.

- Ozone cleaning removes 99.99% disinfection from germs, viruses and bacteria
- Dissolves gear soils on contact due to its powerful oxidation properties
- Uses ambient water temperatures to reduce the washing and drying cycles and turnout wear and tear
- Attacks most organic soils and kills bacteria 3200 times faster than chlorine bleach, while being completely biodegradable

LION's Chicago TotalCare facility features all of the latest testing equipment per NFPA 1851 to ensure gear is fit for duty, including hydrostatic testing.

New to LION TotalCare's portfolio of services is RedZone CO2 Cleaning. This technology is available to CFD through our Denver TotalCare location should an incident or exposure require specialized cleaning. While Ozone cleaning excels at removing biological contaminants like bacteria and viruses, RedZone CO2 Cleaning also targets



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polyaromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs).

LION's corporate headquarters also features a research and development laboratory equipped with all necessary testing to replicate testing done by third parties to ensure gear meets the NFPA 1971 standard for structural firefighting turnout gear.

Many of the LION's most exciting innovations for the fire service can be traced to the company's close collaboration with key end users, supply chain partners and its historic investment in research and development resources.

Our R&D team and laboratory are both based at LION's corporate headquarters in Dayton. In 2010, LION upgraded its R&D facilities to support the company's growing need and ongoing commitment to innovation. The sole focus of the laboratory is to conduct testing and research to support innovation development. Because of the focus on research and innovation versus NFPA certification testing, the laboratory is not ISO 17025 certified.

The laboratory itself features more than 650 square-feet of dedicated testing space in a climate-controlled and secure environment with limited access to LION employees and approved guests. A full-time laboratory technician conducts research and development testing on a daily basis.

5. LION TotalCare Chicago has been in operation since 2006. LION is the only known full-service 1851 verified ISP in the State of Illinois. Chicago's custom program is designed with a fleet of vehicles that pick-up and deliver Chicago gear during furlough periods as well as emergency situations in a timely manner. All of these are time sensitive and specified in CFD contract language. LION maintains a 24-hour dedicated emergency hotline for CFD.

During recruit classes, LION must turn gear in days. As a recruit finishes at the academy, LION picks up the gear, inspects, cleans, makes needed repairs then gets it back to the recruit as they move to their assignment. Timing of this event is critical.

LION TotalCare Chicago is where cleaning, repair, decontamination and inspection take place on turnout gear, helmets, boots, hoods and gloves. Each garment is processed within NFPA 1851 and NFPA 1971 guidelines. LION is also responsible for storing excess Chicago turnout gear otherwise known as ChicStock. LION tracks ChicStock an electronic database that is accessible to CFD. CFD has a member in the facility that works closely with LION and oversees the daily routine.

6. The intended use of firefighter turnout gear is to protect members from direct flame impingement, smoke, carcinogens, blood-borne pathogens, moisture, extreme temperatures, thermal loads and a myriad of other bodily hazards. LION has found innovative ways to keep CFD members safe.

ISODRI SYSTEM — patented by LION

LION developed and patented the Isodri System in the 1990s as a response to the the fire service's common problem with all turnout gear. Turnout gear inherently picks up water, holds it, increases the propensity for steam burns and causes fatigue with the extra weight gained.

- Water conducts heat 21 times faster than air.
- Wet only becomes dry by evaporation.
- Wet gear can add 5-10 lbs. to a set of gear.
- Firefighters sweat up to 4lbs—adding moisture and weight to the inside of a garment.

LION has the only engineered garment in the fire service that reduces the amount of water a garment would ever gain. LION's understanding of moisture management and its effect allowed them to change the property of the shell and liner from being Hydrophilic (water loving) to Hydrophobic (water hating). What that means to CFD is that the gear will gain much less weight/water(stress), reduce the propensity for steam burns (much less water in the system), dry out much faster (increased comfort), reduce the spikes in thermal loads, and enhance the overall comfort of the gear. Isodri garments are simply safer.

As 1851 has mandated the use of PER (preliminary exposure reduction) in 2018, CFD is expected to scrub and wet the turnout gear after exposure. Removing carcinogens is key to combatting cancer. So as PER is implemented,



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garments are getting wet even more. Thus, they need to dry—especially in the cold Chicago winters. Isodri becomes even more important as garments dry so much more quickly. While a normal garment will take 8-20 hours to dry, an Isodri garment will take 2-3. This allows garments to be returned to the field so much sooner. No other manufacturer has this technology or capability.

Ventilated Trim—A LION exclusive

It has been found that trim on a turnout set of gear can contribute to stored energy. Steam becomes trapped under the reflective trim and can create excessive heat. Ventilated trim strategically employs an exclusive perforation pattern to thwart the heat build up and reduce the likelihood of a burn.

The Chicago Coat and Pant Model—V-FORCE™ DESIGN FEATURES

LION V-FORCE turnout gear is built to fit the way you work — providing outstanding mobility and comfort. The fully featured turnout coat has a bi-swing back for outstanding forward mobility, while the Super-Deluxe low-rise waist pants allow for increased comfort and uniform-style fit.

V-FORCE Features and Benefits Include:

- Ergonomically shaping to improve comfort and interface with other PPE elements
 - Bi-swing back with inverted pleats in all layers of the system expand as the arms move forward, resulting in no tugging or binding at the shoulder
 - Underarm bellows reduce the hem rise and sleeve travel
 - V-FIT Elbow enables the arm to bend freely while keeping the wrists protected by reducing sleeve travel.
 - Comfort collar and optional throat tab deliver continuous thermal and moisture protection while providing exceptional interface to SCBA mask
 - Low-rise pants complement the natural contours of the body for increased comfort
 - Radial inseam and banded crotch reduce tension and add comfort to turnout gear
 - V-FIT Knee provides gusset that the knee can fall into when crawling, climbing, bending and kneeling.
 - Knees include layer of Lite-N-Dri™ for added thermal protection and comfort.
 - Custom fit to meet your individual needs.
7. YThe Chicago garments contain two patents and other specific features exclusive to their design.
- IsoDri patents 5,983,409; 5,996,122; 6,038,700
 - Within the Isodri Moisture Management system, the department receives the following proprietary benefits:
 - Wristlets with a durable water repellent (DWR) to reduce water absorption and to help them dry faster and be more comfortable.
 - Semper Dri material in the yoke, waterwells and bottom of the pant legs to reduce water and contaminant absorption from external sources and reduce working weight at the extremities.
 - A wicking facecloth quilted to thermal insulation with a DWR to reduce the storage of water inside gear, leading to better sustained thermal protection and lighter-weight, more comfortable gear.
 - Ventilated Trim patent 6,009,560
 - A unique liner out detector developed for CFD

LION also offers a variety of other models and technologies, such as the V-Force turnouts or Redzone particulate



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blocking gear. Redzone is the only third-party verified particulate blocking set of gear to show no particle ingress at the PPE interface areas. These offerings and others, like proprietary liner systems, are available for CFD to evaluate at any time should the department be interested.

8. Under current NFPA 1851, LION gear must be worked on by a verified ISP. At this time, there is no other verified ISP that can work on every component of a CFD piece of gear in the State of Illinois. LION is the only facility within a reasonable distance, with a location within the city on the south side, that can achieve the level of cleaning, maintenance and repair that CFD demands.

OTHER

N/A



DEPARTMENT OF PROCUREMENT SERVICES NON-COMPETITIVE REVIEW BOARD (NCRB) APPLICATION INSTRUCTIONS FOR NON-COMPETITIVE PROCUREMENT APPLICATION

INSTRUCTIONS FOR PREPARATION OF NON-COMPETITIVE PROCUREMENT APPLICATION

If a City Department has determined that the purchase of supplies, equipment, work and/or services cannot be done on a competitive basis, a justification must be prepared on this "Justification for Non-Competitive Procurement Application" in which procurement is requested on a or non-competitive basis in accordance with 65 ILCS 5/8-10-4 of the Illinois Compiled Statutes. Using this instruction sheet, all applicable information must be addressed on the worksheet. The information provided must be complete and in sufficient detail to allow for a decision to be made by the Non-Competitive Procurement Review Board. For Amendments, Modifications, describe in detail the change in terms of dollars, time period, scope of services, etc., its relationship to the original contract and the specific reasons for the change. Indicate both the original and the adjusted contract amount and/or expiration date with this change.

Attach a DPS Checklist and any other required documentation; the Board will not consider justification with incomplete information documentation or omissions.

PROCUREMENT HISTORY

1. Describe the requirement and how it evolved from initial planning to its present status.
2. Is this a first time requirement or a continuation of previous procurement from the same source? If so, explain the procurement history.
3. Explain attempts made to competitively bid the requirement (attach copy of sources contacted).
4. Describe in detail all research done to find other sources; list other cities, companies in the industry, professional organizations contacted. List periodicals and other publications used as references.
5. Explain future procurement objectives. Is this a one-time request or will future requests be made for doing business with the same source?
6. Explain whether or not future competitive bidding is possible. If not, explain in detail.

ESTIMATED COST

1. What is the estimated cost for this requirement or for each contract, if multiple awards are contemplated? What is the funding source?
2. What is the estimated cost by fiscal year?
3. Explain the basis for estimating the cost and what assumptions were made and/or data used (i.e., budgeted amount, previous contract price, current catalog or cost proposal from firms solicited, engineering or in-house estimate, etc.)
4. Explain whether the proposed Contractor or the City has a substantial dollar investment in original design, tooling or other factors which would be duplicated at City expense if another source was considered. Describe cost savings or other measurable benefits to the City which may be achieved.
5. Explain what negotiation of price has occurred or will occur. Detail why the estimated cost is deemed reasonable.

SCHEDULE REQUIREMENTS

1. Explain how the schedule was developed and at what point the specific dates were known.
2. Is lack of drawings and/or specifications a constraining factor to competitive bidding? If so, why is the proposed Contractor the only person or firm able to perform under these circumstances? Why are the drawings and specifications lacking? What is the lead time required to get drawings and specifications suitable for competition? If lack of drawings and specifications is not a constraining factor to competitive bidding, explain why only one person or firm can meet the required schedule.
3. Outline the required schedule by delivery or completion dates and explain the reasons why the schedule is critical.
4. Describe in detail what impact delays for competitive bidding would have on City operations, programs, costs and budgeted funds.

EXCLUSIVE OR UNIQUE CAPABILITY

1. If contemplating hiring a person or firm as a Professional Service Consultant, explain in detail what professional skills, expertise, qualifications, and/or other factors make this person or firm exclusively or uniquely qualified for the project. Attach a copy of the cost proposal, scope of services, and Temporary Consulting Services Form.
2. Does the proposed firm have personnel considered unquestionably predominant in the particular field?
3. What prior experiences of a highly specialized nature does the person or firm exclusively possess that is vital to the job, project or program?
4. What technical facilities or test equipment does the person or firm exclusively possess of a highly specialized nature which is vital to the job?
5. What other capabilities and/or capacity does the proposed firm possess which is necessary for the specific job, project or program which makes them the only source who can perform the work within the required time schedule without unreasonable costs to the City?
6. If procuring products or equipment, describe the intended use and explain any exclusive or unique capabilities, features and/or functions the items have which no other brands or models, possess. Is compatibility with existing equipment critical from an operational standpoint? If so, provide detailed explanation?
7. Is competition precluded because of the existence of patent rights, copyrights, trade secrets, technical data, or other proprietary data (attach documentation verifying such)?
8. If procuring replacement parts and/or maintenance services, explain whether or not replacement parts and/or services can be obtained from any other sources? If not, is the proposed firm the only authorized or exclusive dealer/distributor and/or service center? If so, attach letter from manufacturer on company letterhead.

MBE/WBE COMPLIANCE PLAN

- * All submissions must contain detailed information about how the proposed firm will comply with the requirements of the City's Minority and Women Owned Business program. All submissions must include a completed C-1 and D-1 form, which is available on the Procurement Services page on the City's intranet site. The City Department must submit a Compliance Plan, including details about direct and indirect compliance.

OTHER

1. Explain other related considerations and attach all applicable supporting documents, i.e., an approved "ITGB Form" or "Request For Individual Hire Form".

REVIEW AND APPROVAL

This application must be signed by both Originator of the request and signed by the Department Head. After review and final disposition from the Board, this application will be signed by the Board Chairman. After review and final disposition from the Board, this form will be presented to the Chief Procurement Officer recommending approval.



CITY OF CHICAGO



OFFICE OF PUBLIC SAFETY ADMINISTRATION

1. Funding Requirements:

The Chicago Fire Department submitted their FY25 department budget request on August 7, 2024, following the City of Chicago budgetary process. Funding, once approved, will be set up by the Office of Budget Management. The awarded funding strip(s) will reflect the 2025 fiscal year as well as the associated funding source which historically has been capital funds for the purchase of Bunker Gear. All budgeted corporate funds for the maintenance/cleaning of bunker gear will be appropriated per the budget request. All funds associated with this 5 year contract will be appropriated accordingly per budget year. The Chicago Fire Department is currently unable to provide a funding strip until we are in the applicable fiscal year that the funding was granted in.

2. Funding Breakdown (per the schedule of Compensation):

Year 1:

New Set: $\$2406.60 \times 1,000$ (approx new sets required) = $\$2,406,600.00$

Cleaning / Maintenance: $\$299,649.40$ per month $\times 12$ months = $\$3,595,792.80$

Total Year 1: $\$6,002,392.80$

Year 2:

New Set: $\$2,526.93 \times 1,000$ (approx new sets required) = $\$2,526,930.00$

+ 10 year required replacement – 5000 suits $\times \$2526.93$ = $\$12,634,650.00$

Cleaning / Maintenance: $\$308,638.88$ per month $\times 12$ months = $\$3,703,666.56$

Total Year 2: $\$18,865,246.56$

Year 3:

New Set: $\$2,653.28 \times 1,000$ (approx new sets required) = $\$2,653,280.00$

Cleaning / Maintenance: $\$317,898.05$ per month $\times 12$ months = $\$3,814,776.60$

Total Year 3: $\$6,468,056.60$

Year 4:

New Set: $\$2,785.94 \times 1,000$ (approx new sets required) = $\$2,785,940.00$

Cleaning / Maintenance: $\$327,434.99$ per month $\times 12$ months = $\$3,929,219.88$

Total Year 4: $\$6,715,159.88$

Year 5:

New Set: $\$2,925.24 \times 1,000$ (approx new sets required) = $\$2,925,240.00$

Cleaning / Maintenance: $\$337,258.04$ per month $\times 12$ months = $\$4,047,096.48$

Total Year 5: $\$6,972,336.48$

TOTAL: $\$45,023,192.32$

Contract Goal Participation Determination Form

Project Title: NCRB Request: Bunker Gear Purchase, Cleaning and Maintenance

Project Description:

Chicago Fire Department Bunker Gear Purchase, Cleaning and Maintenance

Specification No. 1298153 Requisition No. 598423

Funding Source(s): City Federal Other _____

Target Market: Yes No MBI SBI I SBI II

No Stated Goal: Yes No

Previous Contract No(s): 26909, 26910, 12173

SCOPE OF WORK:

The Chicago Fire Department (CFD), working with the Office of Public Safety Administration (PSA), is requesting a NCRB Procurement for the purchase, cleaning, and maintenance of required Bunker Gear through the Lion Group, Inc.

SUBCONTRACTING OPPORTUNITIES

(Subcontracting opportunity list is based on specialty areas of known Certified MBE/WBE/VBE/DBE contractors)

Type of Work	Estimated Dollar Amount	Percentage of Total Contract	Goal Percentage of Participation			
			MBE%	WBE%	VBE%	DBE%
TOTAL						

TOTAL ESTIMATED CONTRACT VALUE \$ \$ 45,023,192.32

GOAL RECOMMENDATION: MBE participation 0 WBE participation 0 VBE participation 0 DBE participation 0

For Construction Projects Only

RECOMMENDED PROJECT AREA: YES NO (If yes, attach a project/community areas map) _____%

Recommended: 
 (User/Department Authorized Signature)

6/14/2024
 Date

OFFICE OF PUBLIC SAFETY ADMINISTRATION
 (Name of User Department)

Department of Procurement Services

Approved By: _____
 Tammi Morgan, Contracting Equity Officer


 Date



CITY OF CHICAGO

OFFICE OF PUBLIC SAFETY ADMINISTRATION

TO: Tiheta Hinton, Acting Chief procurement Officer
DEPARTMENT OF PROCUREMENT SERVICES (DPS)

FROM: 
Anastasia Walker, Executive Director
PUBLIC SAFETY ADMINISTRATION (PSA)

DATE: June 21, 2024

SUBJECT: **Compliance Concurrence: No Stated Goals Request**
Purchase, Cleaning and Maintenance of Bunker Gear for the Chicago Fire Department
Specification: 1298153

The Office of Public Safety Administration (PSA) concurs with Lion Group requesting "No Stated Goals" for the Chicago Fire Department (CFD) agreement for the Purchase, Cleaning and Maintenance of Bunker Gear.

Currently there are over 8,000 sets of Bunker Gear assigned to CFD members. All sets currently in service are on regular cleaning, inspection and repair schedules in accordance with NFPA 1851. Lion opened a dedicated facility in Chicago and employs 18 local employees to support the pickup and delivery, cleaning, inspection, care and maintenance of CFD's Bunker Gear.

The cleaning, decontamination and repair of the personal protective gear is strictly regulated by the NFPA. The service requires a local presence because the fire gear must be picked up from the individual fire stations, cleaned, repaired and returned on a tight timeline delineated by the NFPA requirements and within the work rotations at CFD.

It is imperative that CFD keeps utilizing the services of Lion Group, Inc. because of strict production and maintenance requirements. Lion has never compromised the health or welfare of CFD members and has consistently pulled through for CFD over 18+ years. Since the two-set requirement was implemented four years ago, Lion has doubled its production and delivery schedules without hesitation and without decreasing quality to ensure the utmost safety for CFD members.

After a thorough search of the C-2 System CFD identified no certified MBE/WBE contractors that fall into the required categories as this is highly specialized service.

If you should have any questions, please contact Kevin Pater at 312-745-3710 or via email at Kevin.Pater@cityofchicago.org. Thank you for your assistance.



Sent via Electronically

June 20, 2024

Kevin Pater, Contracts Administrator
Office of Public Safety Administration
3510 S. Michigan Avenue, 3rd Floor
Chicago, IL 60653

Re: Lion Group, Inc. – Waiver for Minority Business Enterprise and Women Business Enterprise

Mr. Pater,

This request is in reference to the sole source contract between the City of Chicago and Lion Group Inc., specifically for turnout gear (coat and pants) and cleaning and maintenance of current and new turnout gear.

We are asking for a full waiver of "minority businesses" and "women owned" participation on this contract for the following reasons:

- Lion turnout gear is a specialized product and must be manufactured in facilities inspected annually and certified by UL (Underwriter Laboratories).
- Lion's UL (Underwriter Laboratories) certified manufacturing facilities are in Ohio and Kentucky.
- The turnout gear materials used by Chicago Fire Department are explicitly specified by brand name.
- The specified materials specified by Chicago Fire Department are certified to NFPA 1971, 2018 edition and manufactured in UL (Underwriter Laboratories) in states outside of Illinois.
- Chicago Fire Department's turnout gear will be cleaned using CO2 technology. The vendor and manufacture of the CO2 machines is outside the state of Illinois.

In researching the list of companies certified as "minority businesses and "women owned" businesses, none appear to carry the expertise or certifications required to perform this work.

In summary the procurement of Chicago Fire Department's turnout gear materials is outside the scope of the MBE/WBE goals, and the manufacturing of the turnout gear is done in Kentucky and Ohio, also outside the scope of the MBE/WBE goals.

If you have any questions or concerns, please feel free to reach out to me.

Regards,

Brian Blinn



May 28, 2024

Mr. Kevin Pater
Contracts Coordinator – Chicago Fire Department
Office of Public Safety Administration
3510 Michigan Avenue
Chicago, IL 60653

Dear Mr. Pater:

Per the Chicago Fire Department's request for multi-year, sole-source contract pricing, please see the attached proposed pricing schedule from LION.

Respectfully,

A handwritten signature in blue ink, appearing to read "Mark T. Smith", is written over a faint, light blue circular watermark or stamp.

Mark T. Smith
President
LION Americas

LION TURNOUTS WITH CARE AND MAINTENANCE	Year 1	Year 2	Year 3	Year 4	Year 5
5 Year Pricing See General Terms and Conditions	October 1, 2024 – September 30, 2025	October 1, 2025 – September 30, 2026	October 1, 2026 – September 30, 2027	October 1, 2027 – September 30, 2028	October 1, 2028 – September 30, 2029
Armor AP Coat - Firefighter Name, No Patch	\$1,495.20	\$1,569.96	\$1,648.46	\$1,730.88	\$1,817.42
Armor AP Coat - Rank Patch and Lettering	\$1,495.20	\$1,569.96	\$1,648.46	\$1,730.88	\$1,817.42
Nomex Coat	\$1,474.20	\$1,547.91	\$1,625.31	\$1,706.57	\$1,791.90
Armor AP Pant	\$879.90	\$923.90	\$970.09	\$1,018.59	\$1,069.52
Suspender	\$31.50	\$33.08	\$34.73	\$36.47	\$38.29
Set	\$2,406.60	\$2,526.93	\$2,653.28	\$2,785.94	\$2,925.24
CHICAGO CARE AND MAINTENANCE PRICING					
Monthly Fee	\$299,649.40	\$308,638.88	\$317,898.05	\$327,434.99	\$337,258.04
Specialized Cleaning each item (per incident)	\$39.45	\$40.63	\$41.85	\$43.11	\$44.40
Lettering Patch Attachment/Change (Name, Rank, etc)	\$23.34	\$24.04	\$24.76	\$25.50	\$26.27
Retrofit Bunkers w/ Belt Loops for Escape System (per loop)	\$12.10	\$12.46	\$12.84	\$13.22	\$13.62
Miscellaneous Services (Groups 1 Through 4D)					
Group 1 Advanced Cleaning					
Turnout Coat Structural	\$34.68	\$35.72	\$36.79	\$37.90	\$39.03
Turnout Pant Structural with Suspenders	\$34.68	\$35.72	\$36.79	\$37.90	\$39.03
FF Helmet	\$6.49	\$6.68	\$6.89	\$7.09	\$7.30
FF Gloves	\$3.29	\$3.39	\$3.49	\$3.60	\$3.70
FF Boots	\$4.99	\$5.14	\$5.29	\$5.45	\$5.62
SCBA Mask Cleaning	\$11.40	\$11.74	\$12.09	\$12.46	\$12.83
Helmet Ear/Neck Protector Cleaning - Attached to Helmet	NC	NC	NC	NC	NC
Helmet Ear/Neck Protector Cleaning - Not Attached to Helmet	\$1.84	\$1.90	\$1.95	\$2.01	\$2.07
FF Hoods	\$1.84	\$1.90	\$1.95	\$2.01	\$2.07
Group 2 Advanced Inspection					
Turnout Coat Structural	\$10.18	\$10.49	\$10.80	\$11.12	\$11.46
Turnout Pant Structural with Suspenders	\$10.18	\$10.49	\$10.80	\$11.12	\$11.46
Group 3 Decontamination					

Turnout Coat Structural Includes Liners	\$37.23	\$38.35	\$39.50	\$40.68	\$41.90
Turnout Pant Structural with Suspenders	\$37.23	\$38.35	\$39.50	\$40.68	\$41.90
FF Helmet	\$10.18	\$10.49	\$10.80	\$11.12	\$11.46
FF Gloves	\$6.37	\$6.56	\$6.76	\$6.96	\$7.17
FF Boots	\$8.40	\$8.65	\$8.91	\$9.18	\$9.45
FF Hoods	\$6.37	\$6.56	\$6.76	\$6.96	\$7.17
Biohazard Decon Coat	\$39.77	\$40.96	\$42.19	\$43.46	\$44.76
Biohazard Decon Pant	\$39.77	\$40.96	\$42.19	\$43.46	\$44.76
Biohazard Decon Helmet	\$10.18	\$10.49	\$10.80	\$11.12	\$11.46
Biohazard Decon Gloves	\$6.37	\$6.56	\$6.76	\$6.96	\$7.17
Biohazard Decon Boots	\$8.40	\$8.65	\$8.91	\$9.18	\$9.45
Biohazard Cleaning SCBA Mask	\$11.40	\$11.74	\$12.09	\$12.46	\$12.83
Biohazard Cleaning Hood	\$6.37	\$6.56	\$6.76	\$6.96	\$7.17
Group 4A Coat Repairs					
Full Bellows Pocket - Black Arashield	\$32.24	\$33.21	\$34.20	\$35.23	\$36.29
Radio Pocket - Black Arashield	\$29.29	\$30.17	\$31.07	\$32.01	\$32.97
Sleeve Cuff Black Arashield	\$13.18	\$13.58	\$13.98	\$14.40	\$14.83
Sleeve Cuff - Black Arashield	\$11.83	\$12.18	\$12.55	\$12.93	\$13.31
Elbow Patch - Black Arashield	\$14.50	\$14.94	\$15.38	\$15.84	\$16.32
Shoulder Patch - Black Arashield	\$14.50	\$14.94	\$15.38	\$15.84	\$16.32
Zipper (at storm flap)	\$29.29	\$30.17	\$31.07	\$32.01	\$32.97
Velcro (hook & loop) at storm flap	\$35.15	\$36.20	\$37.29	\$38.41	\$39.56
Arashield Flashlight Tab - Each	\$4.39	\$4.52	\$4.66	\$4.80	\$4.94
Hold-Down Strap for Pass/Flashlight (Arashield)	\$10.24	\$10.55	\$10.86	\$11.19	\$11.53
Mic Loops	\$4.39	\$4.52	\$4.66	\$4.80	\$4.94
IK/Pass Reverse Snap Rein. with Arashield	\$10.24	\$10.55	\$10.86	\$11.19	\$11.53
Reflexite Trim Entire Coat	\$131.85	\$135.81	\$139.88	\$144.08	\$148.40
Reflexite Trim Entire Coat	\$131.85	\$135.81	\$139.88	\$144.08	\$148.40
Reflexite Upper Arm	\$29.29	\$30.17	\$31.07	\$32.01	\$32.97
Triple Trim at Cuff	\$29.29	\$30.17	\$31.07	\$32.01	\$32.97
Reflexite Trim at Cuff	\$19.03	\$19.60	\$20.19	\$20.79	\$21.42
Reflexite Trim on Coat per Foot	\$4.86	\$5.01	\$5.16	\$5.31	\$5.47
DRD Retrofit	\$168.07	\$173.11	\$178.31	\$183.65	\$189.16
Reflexite Letters	\$3.36	\$3.46	\$3.56	\$3.67	\$3.78
4" x 15" Name Patch with Velcro	\$21.98	\$22.64	\$23.32	\$24.02	\$24.74
Coat Hanger Loops Replace	\$4.14	\$4.26	\$4.39	\$4.52	\$4.66
Coat Hanger Loops Resfitch	\$4.14	\$4.26	\$4.39	\$4.52	\$4.66
Wristlets Thumbhole	\$34.50	\$35.54	\$36.60	\$37.70	\$38.83
Zipper on Liner Inside Coat	\$24.39	\$25.12	\$25.88	\$26.65	\$27.45
Collar Replacement	\$59.52	\$61.31	\$63.14	\$65.04	\$66.99
Sleeve Replacement	\$19.10	\$19.67	\$20.26	\$20.87	\$21.50

Group 4B Pant Repairs					
Full Bellows Pocket (PBI) Lined with Kevlar	\$32.24	\$33.21	\$34.20	\$35.23	\$36.29
Arashield Knee	\$17.83	\$18.36	\$18.92	\$19.48	\$20.07
Arashield Pant Cuff	\$17.57	\$18.10	\$18.64	\$19.20	\$19.78
Take-Up Strap	\$7.32	\$7.54	\$7.77	\$8.00	\$8.24
Velcro at Fly (Hook & Loop)	\$20.50	\$21.12	\$21.75	\$22.40	\$23.07
Zipper at Fly	\$23.43	\$24.13	\$24.86	\$25.60	\$26.37
Moisture Barrier Crotch Repair	\$63.67	\$65.58	\$67.55	\$69.57	\$71.66
Replace Snap/Suspender Button	\$3.67	\$3.78	\$3.89	\$4.01	\$4.13
Reflexite Trim Pant Cuffs Replace	\$19.03	\$19.60	\$20.19	\$20.79	\$21.42
Reflexite Trim at Pant Cuffs Replace	\$19.03	\$19.60	\$20.19	\$20.79	\$21.42
Group 4C Hardware Replacement					
Hook (with Rivets & Leather)	\$6.60	\$6.80	\$7.00	\$7.21	\$7.43
D-Ring (with Rivets & Leather Back)	\$5.86	\$6.04	\$6.22	\$6.40	\$6.60
Scotchlite Tetra - Lime Yellow	\$1.40	\$1.44	\$1.49	\$1.53	\$1.58
Rivets/Grommets Each	\$1.83	\$1.88	\$1.94	\$2.00	\$2.06
Scotchlight Parallelograms Triple Trim	\$2.07	\$2.13	\$2.20	\$2.26	\$2.33
Replace Helmet DRD Decal	\$6.90	\$7.11	\$7.32	\$7.54	\$7.77
Replace Zipper Head Only	\$2.55	\$2.63	\$2.71	\$2.79	\$2.87
Group 4D Miscellaneous Repairs					
Nomex or Advance Patch Per Sq Inch	\$0.69	\$0.71	\$0.73	\$0.75	\$0.78
Patch Per Sq Inch	\$0.69	\$0.71	\$0.73	\$0.75	\$0.78
Moisture Barrier Patch Per Sq Inch	\$0.48	\$0.49	\$0.51	\$0.52	\$0.54
Crosstech Moisture Barrier Repair Patch - Warranty	\$13.88	\$14.30	\$14.73	\$15.17	\$15.62
Crosstech Moisture Barrier Replacement - Warranty	\$103.83	\$106.94	\$110.15	\$113.46	\$116.86
Seam Sealing Per Inch	\$1.57	\$1.62	\$1.67	\$1.72	\$1.77
Crosstech Seam Sealing Per Inch	\$1.57	\$1.62	\$1.67	\$1.72	\$1.77
Gore Seam Sealing Per Inch	\$1.57	\$1.62	\$1.67	\$1.72	\$1.77
Thermal Liner Patching Per Inch	\$0.24	\$0.25	\$0.25	\$0.26	\$0.27
Replace Velcro Per Inch	\$0.64	\$0.66	\$0.68	\$0.70	\$0.72
Heat Seal Moisture Barrier Tape Reheat Only (Labor Only)	\$12.74	\$13.12	\$13.52	\$13.92	\$14.34
Replace Binding Per Inch	\$0.52	\$0.54	\$0.55	\$0.57	\$0.59
Reface Pocket with PBI/Kevlar Lining	\$31.95	\$32.91	\$33.90	\$34.91	\$35.96
Custom Alterations - Shorten/Lengthen Coat Sleeves/Pant Legs Per Inch	\$12.74	\$13.12	\$13.52	\$13.92	\$14.34
Bartacking Per Inch	\$0.36	\$0.37	\$0.38	\$0.39	\$0.41
Restitching Per Inch	\$0.37	\$0.38	\$0.39	\$0.40	\$0.42
Miscellaneous Repairs 8DMISC / Current Calendar Retail Price	\$1.05	\$1.08	\$1.11	\$1.15	\$1.18

Keri Paton
5/22/2024

DETAILED SPECIFICATIONS AND SCOPE OF SERVICES

GROUP A – BUNKER GEAR PURCHASE

Summary

The Contractor must furnish, deliver, F.O.B., City of Chicago, CFD, Bunker Gear and Bunker Gear Accessories conforming to the relevant NFPA and ISO standards and requirements set forth herein, all in accordance with the General Conditions and Special Conditions and as described in these specifications.

Detailed Item Description Ensemble

The Contractor shall supply the following in accordance with the specifications in this Contract and in accordance with the applicable relevant NFPA standards.

- A. Bunker Coat
- B. Bunker Pants
- C. Suspenders

In case of inconsistency between the requirements of this Contract and the applicable industry standard, including relevant NFPA and ISO, the language providing the greater protection applies.

Specifications Applicable to Bunker Coat, Pants, Suspenders, and Informational Materials

Outer Shell Material Black

The outer shell shall be constructed +/- 6.5 oz./sq. yd. 65% para-aramid/35% meta-aramid twill weave with non-fluorinated water repellent finish. Color shall be black.

Natural / Off-White

The outer shell shall be constructed of 7.5 oz./sq. yd. 100% NOMEX® IIIA plain weave with non-fluorinated water repellent finish.

Moisture Barrier Material

STEDAIR 4000: META-ARAMID substrate laminated to a lightweight breathable, ePTFE membrane; weighing 5.5 oz./sq. yd.

Thermal Liner Material

The thermal liner shall be comprised of Glide™ Ice high-lubricity, stress reducing, filament/spun face cloth weighing 3.6 oz./sq. yd. The META-ARAMID filament yarns shall represent no less than 60% of the face cloth's composition and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face. Spun yarns comprised of 30% META-ARAMID and 10% Lenzing FR with superior wicking characteristics, shall be used to promote moisture management within the garment. The Glide™ Ice face cloth shall be quilted to one layer spunlace aramid (85% META-ARAMID /15% PARA-ARAMID) weighing approximately 2.3 oz./sq. yd. and one layer of apertured spunlace aramid (85% META-ARAMID /15% PARA-ARAMID) weighing approximately 1.5 oz./sq. yd. Both layers shall be treated with a durable water repellent finish to promote minimal moisture storage in the garment as well as promote rapid drying (total weight +/- 7.3 oz./sq. yd.).

Stress Points

All outer shell stress points, including top and bottom pocket corners, pocket flap corners, top and bottom of storm flap/fly must be reinforced using a 42-stitch minimum bar tack.

Reflective Trim

Retro-reflective trim must be style *Option #1* in relevant NFPA standards. All trim must be sewn with four (4) rows lockstitch 301. All trim must be 3" lime/yellow Oralite diamond plate triple trim). Trim shall be perforated to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed

Coat trim must be applied as follows and in accordance with the relevant NFPA Pattern: one (1) 3" strip must be set full circumference at the bottom sweep of the outer shell; one (1) 3" strip must be set around each sleeve approximately 2" above the cuff; one (1) 3" strip must be set full circumference at the chest.

Pant trim must be applied as follows: one (1) 3" strip set full circumference around the bottom of the cuff.

Sizes

Coats: must be in even chest sizes with corresponding sleeve lengths available in short, regular, and long.

Pants: sizes must be in even waist sizes with inseam lengths available in extra short, short, regular and long.

Male/Female Sizes: Coats and Pants must be available in both male and female sizes.

Provision of Ensembles: Upon Provision of Ensembles, as described in this Contract, Contractor must custom fit the Ensemble to the Member, regardless of standard sizing, to each individual's measurements.

Labeling

Each garment that is part of the Ensemble must have a garment label permanently and conspicuously attached stating at least the following language, as well as detailed warning instructions provided by the manufacturer, as follows.

1. Do Not Remove This Label
2. THIS STRUCTURAL FIREFIGHTING PROTECTIVE GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA 1971, 2018 EDITION (OR CURRENT EDITION).
3. MADE IN THE U.S.A.

Tracking Label System

As required by relevant NFPA, there must be a barcode label permanently affixed to each unit of the Ensemble for tracking purposes. The barcode must withstand Advanced Cleaning, Specialty Cleaning and wear and it must be breathable and permanent. The barcode must incorporate a minimum of a 30% error correction capability. The barcode must indicate, at a minimum, the following information about each unit of the Ensemble:
90 91

- Unique serial number
- Item description (brand, model, material color)
- Lot information (date of mfg., size, etc.)
- Material description
- The relevant NFPA standard with which the garments comply
- Employee identification number

Composite Performance For Ensemble

Performance Requirements, TPP, THL, and CCHR - Composite Requirements on Thermal Protective Performance (TPP), Total Heat Loss (THL) and Conductive and Compressive Heat Resistance (CCHR), must be based on a three-layer garment, consisting of an outer shell, moisture barrier and thermal liner.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, must provide a Thermal Protective Performance (TPP) of not less than 35 when tested in accordance with relevant NFPA standards.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, must provide a Total Heat Loss (THL) of not less than 205 when tested in accordance with relevant NFPA standards.

The Heat Transfer Index rating must be 25 seconds for the shoulder when measured at 2 PSI (pounds per square inch) and 25 seconds for the knee when measured at 8 PSI.

Bunker Coat

1. Coat Construction

Fabrics must have the black or natural/off-white (as outlined above) outer shell. The coat is designed of a 3-panel construction in all layers of the innovative V-fit design. For optimum comfort and mobility an inverted pleat on each side where back front and back body panel pieces meet shall be incorporated. Each pleat shall begin at the back of each shoulder and shall extend vertically down the side of the coat. A combination moisture barrier/thermal liner shall include a corresponding 1" inward dynamic fold approximately 1.5" from each sleeve seam at the shoulder. This fold shall provide for coat expansion when extending arms forward and shall interface with the inverted pleats of the outer shell to maximize mobility and function of the outer shell and thermal liner. Bi-swing construction must provide good fit, long wear, and comfort. When measured at the center of the back, from the collar seam to the hem bottom, the coat must have sufficient length to cover the neck to the top of the thigh and shall measure – 29", 30.5" 32", 33.5" or 35" long; 29" or 32" female. Sleeves must be full-length and be of raglan design in the front and set in design in back. The moisture barrier and thermal liner must be completely removable for any type of cleaning, however, manufacturer must provide a fail-safe system that does not permit the shell to be worn without the liner.

2. Liner

a) Moisture Barrier/Thermal Liner Construction

Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the moisture barrier/thermal liner shall be attached to the facings at the front closure of the outer shell. The moisture barrier/thermal liner shall be secured to the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings. The liner shall have one internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of coat liner.

b) Quilted Thermal Liner Construction

The moisture barrier shall be sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier/thermal liner shall finish no more than 1" from the cuffs and 2" from the hem.

c) Moisture Barrier Thermal Liner Attachment

The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by the use of hook and loop, zippers, and snaps. There shall be a thermoplastic zipper and two snaps down each front facing, hook and loop shall also be located around the entire neck opening. In addition, there will be a snap for alignment along the bottom of the liner, and one snap and hook and loop at each sleeve end.

d) Coat Liner-Out Indicator

Contractor must use the coat liner-out indicator system to identify whether the Member is wearing all components of the protective coat. There must be a 6 and ½" high x 14" wide piece of fabric sewn to the bottom edge of the coat liner. When the liner is removed from the outer shell, the hem trim pattern must be broken and indicate that the liner is missing. Reflective lettering must be sewn in this hem area and spell "**LINER OUT.**" The self-fabric piece of material must be held in place when the liner is installed in the coat using 1" hook and loop fastener. One strip of 3" lime yellow ventilated Oralite diamond plate reflective trim shall be sewn on the patch to complete the hem trim when the liner is present inside the coat.

e) Coat Liner Inspection System

There shall be an opening located on the coat liner system at the bottom of the liner. This opening will provide the ability to completely invert the coat liner to properly view the integrity of the entire liner system. There shall be 1" x 10" hook and loop sewn to the liner system to ensure proper alignment. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

3. Collar

The 4" split collar shall consist of two piece construction shaped for comfort. The collar shall be configured such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with a layer of STEDAIR 4000. The shell collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of coat. The shell collar shall have a zipper along the top edge for liner attachment.

The collar must be snug fitting and must completely cover the neck and throat area when in the raised position. Raised height must be approximately four inches, with a contoured overlap at the front of the coat. Collar closure must be provided by hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontally. The collar must be of such design so as not to interfere with SCBA facemask or the helmet. When examined prior to donning, the turned-up collar must completely wrap around the front of the neck opening such that left and right collars touch or overlap to maximize facial protection.

4. Hanger Loop

An internal hanger loop constructed of a double layer of outer shell material and reinforced with two (2) 42-stitch bar tacks must be provided on the inside of the coat at the collar seam. The hanger loop must be designed to provide long service and must not tear or separate from the coat when the coat is hung by the hanger loop when the hanger loop is loaded evenly with a weight of 80 lbs. and allowed to hang for one (1) minute.

5. Thermal Reinforced Yoke

A layer of non-fluorinated durable water repellent (DWR) treated META-ARAMID spun face cloth quilted to two layers of META-ARAMID/PARA-ARAMID spunlace (total weight +/- 6.0-6.8 oz./sq. yd.) shall be positioned between the moisture barrier and thermal liner for extra thermal protection in a high heat and compression area of the coat. It shall be sewn to the inside of the upper back portion of the thermal liner across the upper back from the back shoulder and collar seams 7" down, over the tops of shoulders and down the front approximately 4" ending at the armhole.

6. Shoulder Caps

A 4" wide area at the top of the shoulders extending 6" from the collar seam must be capped with black polymer-coated aramid for abrasion resistance and thermal protection.

7. Shoulder Reinforcement Padding

For additional thermal protection and cushioning, one (1) layer of 1/8" thick, fire-retardant closed-cell foam must be oriented between the outer shell and the shoulder cap reinforcement.

8. Elbow

The elbow shall have an insert throughout all layers that shall provide a natural bend in the sleeve. This elbow shall include shaped pieces and darts to create free movement with few restrictions. The insert shall consist of black polymer coated aramid material for abrasion resistance and thermal protection.

9. Elbow Padding

In addition to reinforcement, elbows shall be padded using one layer of uninterrupted 1/8" thick, fire retardant water-resistant foam. The reinforcement material shall be oriented between the outer shell and elbow insert reinforcement.

10. Wristlet and Cuffs

a) Sleeve Well/Wristlet Mounting

A combination of a non-fluorinated water repellent finish treated META-ARAMID spun face cloth quilted to two layers of META-ARAMID/PARA-ARAMID spunlace (total weight +/- 6.0-6.8 oz./sq. yd.) and one layer of breathable moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end to form a sleeve well. This leader shall be approximately 4" in length and end with a gathering of 1" elastic. One male snap and one .75" wide strip of loop shall be sewn full circumference to the end of the thermal liner/moisture barrier leader to help secure the combination liner to the outer shell. This sleeve well shall reduce water and hazardous materials from entering the sleeve when arms are in a raised position.

The combination liner sleeve ends shall be inserted into the outer shell sleeve ends by means of lining up the snaps then attaching the loop fastener of the combination liner sleeve end with the hook fastener on the outer shell sleeve. This method of combination liner attachment shall reduce any gaps from occurring between the combination liner and sleeve well during a full range of motion. The combination liner shall extend to within 1" of the sleeve end.

b) Wristlets

An internal wristlet shall consist of a 2-ply knit of 48% META-ARAMID/48% PARA-ARAMID and 4% Spandex for superior recovery. Wristlet to be combination of producer-dyed natural and khaki colors with a non-fluorinated water repellent finish. The wristlet shall not extend less than 4" completely with a 5/8"x3 1/8" meta-aramid webbing thumbloop with 1" spacing between bartacks. The thumbloop shall be centered on front liner sleeves and sewn to the inside of the wristlet. Wristlets shall be double stitched and bound to the moisture barrier/thermal liner providing extended thermal and slash protection.

c) Cuffs

The cuff of the sleeve must be reinforced with a binding of black polymer-coated aramid not less than 3" in total width for abrasion resistance and thermal protection. At least 2" of the cuff reinforcement must extend down the interior of the outer shell sleeve with a 0.75" wide strip of hook sewn full circumference to the topside of the cuff reinforcement. For added safety, one (1) female snap fastener must be set in the hook fastener to assist in attaching outer shell to moisture barrier/thermal liner.

11. Front

a) Thermal Front Panel Construction

There shall be continuous thermal and moisture protection around the entire torso including the storm flap. To ensure this protection, as well as reduce potential for wicking moisture to inside of liner, both right and left inside front facings of the coat outer shell shall incorporate neoprene coated polycotton extending from collar to hem.

b) Coat Front Closure Design

The complete outer shell front closure design must consist of a front closure system completely protected by an outside storm flap that must have its own independent storm flap closure system. Closure must consist of four (4) hook and dees with storm shield cover, secured with hook and loop. There must be continuous thermal and moisture protection around the entire torso including the front area beneath the storm flap.

c) Storm Flap

A storm flap measuring not less than 5" wide nor less than 22" in length must be set on the outside of the right side of the coat opening for maximum thermal protection and clear drainage. The inner lining of the storm flap must be Stedair 4000 moisture barrier meeting all requirements for moisture barriers sandwiched between two (2) layers of outer shell fabric.

d) Front/Storm Flap Closures

The front closure must consist of four (4) snap hooks and must be set with three (3) leather-reinforced rivets at the extreme right side of the coat front underneath the storm flap. Opposite of each snap hook, a corresponding D-ring must be set to the underside of the leading edge of the left coat front with two (2) leather reinforced rivets. The storm flap closure must consist of 2" wide loop on the inner side of the storm flap and 2" wide hook attachment on the left coat front. The hook and loop closure must extend the full length of the outer storm flap, eliminating all exposed frontal hardware.

12. Flashlight Strap

There must be a 1" x 12" self-fabric flashlight holder x-stitched to the right chest. Strap must have 1" x 5" hook applied to one end of the strap and 1" x 5" loop applied to opposite end of strap.

13. Mic Tabs

A 1x3" triple layer self-fabric mic tab bartacked on each end. One mic tab shall be placed on the left chest 2" below the top of the stormflap at 11 o'clock position and one mic tab must be placed on the right chest 2" below the top of the stormflap at 11 o'clock position.

14. Full-Bellows Pockets

The coat must have two (2) 9" x 10" x 2" full-bellow pockets with para-aramid twill fully lined inside pocket, 1 piece 2" x 9" loop on pocket and (3) three pieces 1.5" x 3" hook on flap. There shall be 2 layers foam padding inside the flap corner. These pockets must be placed on the right and left front panels of the coat. [(FBP1034)].

15. Deployment Recovery Device (“DRD”)

The Fire Fighter Recovery Harness™ shall be constructed of a one and one-half inch wide PARA-ARAMID strap that shall be installed between the outer shell and the thermal liner. This harness shall have a hand loop (16” in circumference) that exits the outer shell through a 2” polymer coated aramid reinforced slot on the back of the coat just below the collar and is held in place by means of a piece of 1.5” x 2” loop on the strap and a piece of 1” x 3.5” loop attached to the outer shell. This strap is then secured under a 2.5” x 4.25” flap that is sewn in at the neck /collar area. One piece of 1” x 3.5” hook shall be set horizontally on shell to align with one piece of 1” x 3.5” loop set horizontally to the underside of the flap. The harness is also held in proper alignment by means of a piece of 2” x 2” loop placed on the inside of the outer shell underneath the chest trim that corresponds to a piece of 1.5” x 2” hook located on the harness. Two 1” x 3.5” self-fabric straps with 1” x 2” hook on one end and 1” x 2” loop on other end shall be set inside the coat in the shoulder cap area to keep straps in proper position for use.

Fire Fighter Recovery Harness™ provides mechanical leverage for dragging a downed and incapacitated structural firefighter from a life-threatening environment. The design of the harness enables the rescuer to drag the downed firefighter in line with the axis of the firefighter's skeletal frame, in order to decrease the risk of further injury.

16. Lettering Patch

A panel made of one layer of outer shell material that will be no less than 4” x 18”, to accommodate the Member’s rank or name as outlined under ‘Lettering’.

All coats will have the Rank Patch with the Member’s name affixed to the coat. If a Rank Patch with the Member’s rank is required ‘WITH RANK PATCH’ will be in the commodities line.

Patches will be affixed to the coat in accordance with relevant NFPA standards.

17. Lettering

Above the chest trim on the back of the garment:

Lettering must be in “Oralite sewn-on letters” on two (2) lines. “CHICAGO” must be in 3" letters and “FIRE DEPT” must be in 2" letters, as follows:

**CHICAGO
FIRE DEPT**

Optional Lettering may be requested by Department Liaison.

Above the hem trim on the back of the garment:

Lettering must be in "Oralite" sewn-on letters on two lines.

The wearer's rank and the wearer's name must be in 2" letters on two individual Lettering Patches, as follows:

WEARER'S RANK
WEARER'S NAME

BUNKER PANTS

1. Pants Construction

The pant shall have a low-rise waist V-Fit™ design with a two-inch PARA-ARAMID belt

2. Moisture Barrier Thermal Liner Construction

Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. To deter the wicking of moisture up the thermal liner leg the bottom nine inches of each thermal leg shall be constructed of a non-fluorinated durable water repellent finish treated META-ARAMID spun face cloth quilted to two layers of META-ARAMID/PARA-ARAMID spunlace.

(Total weight +/- 6.0-6.8 oz./sq. yd).

The waist of the moisture barrier/thermal liner shall be secured to the waist of the outer shell such that when donning the pant, a leg may not be accidentally caught between the outer shell and its inner linings along the waist and between the legs of the pant. For added thermal protection in the knee, an additional layer of uninterrupted 1/8" thick, fire resistant water-resistant foam shall be positioned between the moisture barrier and thermal liner.

3. Quilted Thermal Liner Construction

The moisture barrier must be completely sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. The moisture barrier/thermal liner must finish no more than 3" from the cuffs.

4. Moisture Barrier/Thermal Liner Attachment

The moisture barrier/thermal liner must be completely detachable from the outer shell for ease of any type of cleaning by using snaps and hook and loop. At least eight (8) evenly spaced snaps must secure the liner to the integral waistband. Two (2) snaps must be set in leather leg tabs at each leg end and hook and loop on each side of fly facing.

5. Storm Fly/Closure

The outer shell front fly must have a sewn-on diagonal flap for additional coverage. The diagonal fly must be sewn to the front of the pants with double lockstitch and measure 5" wide at the top of the pants. In addition, a hook and D-ring closure must be used for quick one motion closing at the waist. The hook must be 2.5" in length, made of a zinc nonferrous metal alloy, and weigh 1.2 oz. +5%. It must be securely fastened to the pants by means of a 5/8" wide, treated leather take-up strap looped through the rear of the buckle and triple riveted to the pants shell with leather backed rivets. The D-ring must be made of a nonferrous metal alloy 2" long x 1 1/16" wide.

The storm fly must be outer shell material, lined with a 3.5" strip of Stedair 4000 moisture barrier material to prevent wicking.

6. Thermal Fly Assembly

The moisture barrier/thermal liner must be constructed with an extension on the left side at the waist of all layers of the fly opening to assure continuous thermal and moisture protection. This overlap must be positioned between the layers of the outside storm flap. A ¾" wide x 9" long hook fastener must be sewn to the moisture barrier/thermal liner to engage the corresponding loop fastener on the underside of the outside storm fly.

7. Waistband

The waist of the pants must be reinforced on the inside with outer shell fabric material not less than 1.5" in width. The pant waist shall be contour-shaped for better comfort and hemmed to provide strength with the independent waistband, which shall then be double stitched to the outer shell.

Eight (8) suspender buttons must be appropriately spaced around the waistband to accommodate the use of the suspenders.

8. External Take-Ups

One (1) adjustment device must be affixed to the outside of the pants. Each take-up strap must consist of two (2) sub-component straps. The front strap must be 1" wide x 5" in length, folded in half to form a loop, and must be affixed to the side of the pants by means of two (2) bar tacks spaced 2" apart. The loop must face toward the back and hold a nickel plated 1" metal hoop. The back strap must be 1" wide x 6" in length of double layered outer shell material, and must be affixed to the rear of the back of front body panels by means of two (2) bar tacks, and must be positioned to allow the loose end to thread through the metal loop. The metal loop must allow for adjustment and must firmly hold the take-up strap in the desired position. Hook and loop attachments must be used to secure the loose end of each take-up strap to the respective component. A 1" x 4.5" loop fastener must be set at the end of the take-up strap and must be positioned to engage the corresponding loop fastener.

9. Radial Inseam Band

A radial banded insert runs continuously from the top of knee on one leg, through the crotch area to the top of the opposite knee. The elimination of crotch seams reduces tension in the crotch area to give added comfort and helps to alleviate stress to extend the useful life of the gear. Also, there is an added insert piece in the design to help ensure that when the firefighter is kneeling or bending the leg of the garment bends in alignment with the leg so that the knee of the firefighter centers on the knee pad of the pants. It also helps to eliminate rubbing of the inseams of each leg against each other when the firefighter is working so that the risk of abrasion of the seams is minimized.

10. Knee

The knee shall have an insert throughout all layers that shall provide a natural bend in the leg. This knee shall include cut outs, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of polymer coated aramid (Gray, Black, Gold) for abrasion resistance and thermal protection.

Two (2) layers of 1/8" thick, fire-retardant closed-cell foam must be positioned between the outer shell and the reinforcement material. For added thermal protection, an additional layer of 1/8" thick, fire-retardant closed-cell foam must be positioned between the moisture barrier and thermal liner.

11. Cuffs

The cuff area of the pants must be reinforced with the binding of black polymer-coated aramid not less than 2" in total width for greater strength, abrasion resistance, and thermal protection.

A polymer coated aramid kick shield will be placed at the bottom of the cuff and extended up the pant leg. Edges will be rounded. The shield will measure 3" wide x 5" high and be centered on the inseam section of each pant leg. The kick shield is sewn using a single needle lockstitch 301.

12. Pants-Liner Inspection System

There shall be an opening located on the pant liner system to the right side of the waist separating the thermal barrier and moisture barrier, approximately 12" in length. This opening will provide the ability to completely invert the pant liner to properly view the integrity of the entire liner system. There shall be a piece of 1" x 5" loop sewn to the moisture barrier 3" over from beginning of opening and a corresponding piece of 1.5" x 5" hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

13. Full-Bellow Pockets

Two (2) 10" x 10" full-bellows pockets that expand by means of side and bottom gussets to a thickness of 2" must be set to each fore thigh. Pocket must be fully lined with para-aramid twill on three sides inside pocket and 3" up on the shell (pants leg), which forms the backside of the pocket. Pockets and flaps must be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture must be provided by brass eyelets.

Pocket flap must be 11" x 5". A hook and loop fastener closure system must be set with 1.5" x 8" horizontally loop fastener on the pocket and two (2) pieces of 1.5" x 2.75" hook fastener set vertically on the underside of the flap.

14. Pant Belt Loops

Three (3) belt loops made of two layers of the fabric used in the construction of the pant shell, 4" wide x 3 ½" high, double stitched to pant shell and bar tacked at four (4) corners, one (1) loop at center back and one (1) at each side. These loops will be sufficient in size to accommodate an escape belt that has a 2.5" high D-Ring.

ENSEMBLE SUSPENDERS -MODEL NO SB742T-00(SB736T, SB748T) or approved equal

Design

A highly engineered suspender, in various sizes, designed for greater range of mobility and reduced stress allowing for eight points of attachment to a traditional or contoured waist bunker pant with traditional suspender buttons, as outlined below.

Two (2) 10" front pull straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through a 2" metal loop and secured with a two-needle lock-stitch at one end. A black military finish steel double D-Ring shall be fed through the webbing. The other end of the webbing shall be fed through a 2" wide thermo-plastic D-Ring and secured with a two-needle lockstitch. The D-Ring shall function as a pull strap for easily adjusting the suspenders for proper fit.

Two 18" shoulder straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through the top half of the steel double D-Ring and secured with a two-needle lock-stitch. Four (4) 7" back straps made of 2" wide elastic webbing shall be joined with a triangular leather back junction constructed of one layer of 5.5 oz/sq. ft. vegetable tanned leather and one layer of chromed, tanned, split leather shall be used to join the non-elastic shoulder straps to four (4) elastic back straps.

Two pieces of 2" wide elastic webbing shall feed through 2" metal loops at each end of the front and back straps and be secured to 2" buttonhole peerless loops constructed of .080 diameter wire with a zinc plate finish. This will allow for eight points of attachment. Each piece of webbing shall be long enough so that when fed through the 2" metal loop and folded over, shall measure at least 2" long on each side. Each peerless loop shall be configured such that they easily rotate around a suspender button to allow for freedom of motion.

Suspender Shoulder Pads

Each shoulder strap shall be encapsulated with a 2.25" wide x 13" long sheath of padding constructed of 1/8" thick fire-retardant closed-cell foam laminated to Nomex pajama check substrate. The straps shall have a 1" wide lime/yellow Scotchlite strip located the entire length facing outward. Shoulder pads shall start 2" up from the triangular leather back junction and bar-tacked at each end so they do not slide forward.

PROVISION OF NEW ENSEMBLES:

Within 7 days from Contractor's receipt of order, Contractor will complete sizing, at City location designated by Department Liaison

Within 30 days from sizing, the Ensemble will be delivered to the location designated by Department Liaison (delivery points include firehouses, training academy or Contractor facility, and may not necessarily be the same location where sizing occurred).

Ensemble recipient will try on ensemble at the beginning of the Member's next working day after delivery of Ensemble to designated location and will visually inspect to determine:

- (1) ensemble is complete
- (2) ensemble fits
- (3) no readily visible defects

Non-Conforming: If City, in its discretion, determines that ensembles don't meet the above requirements, then ensembles are "non-conforming" and the City has not Accepted the Ensemble. The City, in its discretion, may require the Contractor to remove Ensembles within 4 hours and repair/replace Ensembles in the City's discretion, and deliver repaired/replaced Ensembles, to the location designated by City, within 48 hours.

Conforming: If the Ensemble meets (1) through (3) above, the Member and CFD Officer-in-Charge sign off on the sizing sheet, and take possession of the Ensemble (the "Go-Live Date").

- The Go-Live Date commences a 30-day "Evaluation Period" and risk of loss transferred to City
- During the Evaluation Period:
 - If the Member and CFD Officer-in-Charge confirm that Ensemble fits and is not in need of repair, the Ensemble will be deemed "Accepted," and title passes to City, and the Contractor may invoice City for the Ensembles
 - If City, in its discretion, determines that ensemble must be repaired/replaced in discretion of city because of fit or need of repair, ensemble is "non-conforming," and above "non-conforming" procedures apply

If at any time CFD determines an Ensemble to be "non-conforming," either before or after the Evaluation Period, and requires re-execution of a repair on three (3) occasions within a three (3) month timeframe to address the same defect, the Contractor shall be obligated to provide a new Ensemble, at no cost to the City, in accordance with the procedures set forth above.

INFORMATIONAL MATERIAL **USER INFORMATION GUIDE AND DVD**

Contractor must provide the Department Liaison with a “*User Information Guide*” for each component of the Ensemble, which contains, at a minimum, all information required by relevant NFPA standards.

Contractor must provide the Department Liaison with two hundred (200) copies of an instructional DVD featuring CFD Ensembles, which contains detailed, information on the sizing, Routine Cleaning, maintenance, inspection, use and retirement of the Ensemble.

The User Information Guide must include:

1. Pre-use information:

- Safety considerations.
- Limitations of use
- Garment-marking recommendations and restrictions
- A statement that most performance properties of the garment are not observable by the user in field tests
- Warranty information

2. Preparation for use:

- Sizing/adjustment
- Recommended storage practices

3. Inspection:

- Inspection: process, frequency, and other relevant details

4. Don/Doff:

- Donning and doffing procedures, including DRD included here
- Sizing and adjustment procedures
- Interface issues

5. Use:

- Proper use consistent with current NFPA standards

6. Inspections, Maintenance, and Cleaning:

- Inspection details
- Guidelines for determining when Routine, Specialized Cleaning and Advanced Cleaning is necessary

- Instructions for Routine Cleaning
- Precautions regarding the use of garments that are not clean and dry
- Maintenance criteria and methods of repair, when applicable
- Decontamination procedures for both chemical and biological contamination
- Instructions for Advanced cleaning drop-off/pick-up

7. Retirement and disposal of Ensembles

- Retirement and disposal criteria and considerations in accordance with applicable law and City policy and procedures and with the prior written approval of the Commissioner.

8. All applicable manufacturer and NFPA warnings

WARRANTIES, SERVICE GUARANTEE, AND USE/CARE INSTRUCTIONS

Warranty for Ensembles (Manufacturer warranty)

The contractor will assure the manufacturer provides

With respect to Ensembles provided by Contractor under this Contract, Contractor warrants that Ensembles are new when delivered to the City, that as of the date of the manufacture of the Ensembles, the Ensembles meet or exceed all applicable relevant NFPA standards and that, throughout the Service Life, the Ensembles shall be free from any defect in workmanship or any defect in materials.

To maximize the Service Life of the Ensemble, the Ensemble is to be used only by CFD personnel following generally accepted firefighting procedures in the United States and in accordance with the product's warning, use and care instructions set out in this Contract. Failure to do so voids the warranty to the extent such failure was the sole cause of the damage claimed under the warranty.

Under the above warranty, Contractor shall, at its cost, repair or at Contractor's option, replace, any Ensemble that does not meet the above warranties and shall, if requested by CFD, provide a Loaner Coat and/or Loaner Pants.

DETAILED SPECIFICATIONS AND SCOPE OF SERVICES

GROUP B – CLEANING & MAINTENANCE

SCOPE OF SERVICES

The Contractor must maintain and manage F.O.B., City of Chicago, Services and a maintenance facility for CFD Bunker Gear conforming to the relevant NFPA and ISO standards and requirements set forth herein, all in accordance with the General Conditions and Special Conditions and as described in these specifications.

This scope of services for this contract is intended to be neither a complete description of Contractor Services nor a limitation on the services that Contractor is to provide under this Agreement. At a minimum, Contractor must provide the Services in accordance with the standards of performance set forth herein. Contractor will furnish to the CFD, on an as-required basis, the Ensembles and Services under such terms described herein.

Standard of Performance

Contractor must perform all Services required of it under this Contract with that degree of skill, care and diligence normally shown by a Contractor performing services of a scope and purpose and magnitude comparable with the nature of the Services to be provided under this Contract. Contractor acknowledges that it is entrusted with or has access to valuable and confidential information and records of the City and with respect to that information. Contractor agrees to be bound by all confidentiality obligations set forth in this Contract.

Contractor must be appropriately licensed or otherwise certified to perform the Services, if required by law and relevant NFPA and ISO standards and must ensure that all Services that require the exercise of professional skills or judgment are accomplished by professionals qualified and competent in the applicable discipline and appropriately licensed as may be required by law. Contractor must provide copies of any such licenses. Contractor remains responsible for the professional and technical accuracy of all Services or Deliverables furnished, whether by Contractor or its Subcontractors or others on its behalf. All Deliverables must be prepared in a form and content satisfactory to the CFD and delivered in a timely manner consistent with the requirements of this Contract.

If Contractor fails to comply with the foregoing standards, Contractor must, at the City's option, perform again, at its own expense, all Services required to be re-performed as a direct or indirect result of that failure, unless the reason is failure to have and maintain required licensure.

Contractor must meet the following Standards of Performance under this Contract:

Service Issue	Standard of Performance
Misdirected Ensemble(s)	Picked-up and delivered to the proper facility within a four (4) hour window, which begins at the time of notification made to the Contractor.
Ensemble(s) not returned by specified time without Loaner Coat and/or Loaner Pants	Contractor shall provide a Loaner Coat and/or Pant and a plan for completion of Service within four (4) hours, which begins at the time of notification made to the Contractor.
Service Call, if occurs in an emergency or non-emergency situation	Contractor shall provide a Loaner Coat and/or Pant and a plan for completion of Service within 4 hours.
Condition of Returned Ensemble(s)	Condition of returned Ensemble(s) must meet relevant NFPA standards.
Vendor does not meet scheduled pick-up visit requirements.	Contractor must visit missed facility within 24 hours.

General:

The Contractor must provide the following Services in conformance with the terms of this Contract:

- A. Emergency Hotline
- B. Provision of Ensembles
- C. Cleaning, Inspection and Repair Services
- D. Service Calls
- E. Irreparable Ensembles
- F. Loaner Stock
- G. Retiring Member /Separating Member
- H. Inventory System and Tracking: (Software program)
- I. Training, Education, and Consulting-Industry Updates and Benchmarking
- J. Facility

The City will appoint one person as “Department Liaison”, who will be the City’s contact with respect to the Services, unless otherwise provided.

Contractor will appoint one person as “Contractor Liaison”, who will be the primary contact on behalf of the Contractor with respect to the Services. Contractor must assign a member of Contractor’s senior management to act as the permanent, full-time, on-site project manager to work with the CFD under this contract

Contractor must not store, or display, or make available for purchase or exchange any article not listed in this contract in the facility, to Members.

A. EMERGENCY HOTLINE

Contractor must staff an emergency hotline, 24/7, dedicated to receive and handle calls from the City's Department Liaison and/or provide services to the CFD.

B. CLEANING, INSPECTION AND REPAIR SERVICES

The Contractor shall provide Advanced Inspection; and, if required or requested, an Advanced Cleaning services; and, if required or requested, all necessary repair(s).

Specialized Cleaning services must be previously approved by the Commissioner and follow NFPA 1851 standard.

SCHEDULED ADVANCED INSPECTIONS and ADVANCED CLEANING

Schedules

Per Ensemble, Advanced Inspections and Advanced Cleanings will occur approximately twice per year. The exact number of Advanced Inspections per Ensemble per year will be determined in the sole discretion of the CFD, per NFPA standards, but will occur, at a minimum, every six months. Advanced Inspections and Advanced Cleanings may exceed twice per year per Ensemble, in the discretion of the CFD, for no additional compensation to Contractor.

The Contractor will be responsible for creating and distributing schedules to the various CFD locations. Pickup schedules and revised pickup schedules will be provided to CFD locations, by the Contractor, as instructed by the Department Liaison. Contractor's scheduling must be flexible, as scheduled Advanced Inspections and Advanced Cleanings will be performed at request of City, generally to coincide with Member furlough periods. Member furlough periods typically extend for a period of seven (7) calendar days for EMS and fifteen calendar days for Fire Suppression, and occur approximately 3 times per year. Annual furlough schedules will be provided to the Contractor by the Department Liaison two (2) weeks prior to the beginning of the calendar year. The Department Liaison will work with the Contractor to establish a pick-up and drop-off schedule that will utilize CFD furlough periods, to provide the Advanced Inspection services that are outlined in this Contract.

Advanced Inspections.

Contractor must conduct Advanced Inspections of all Ensembles, which will be done approximately twice per year, as requested by CFD.

Advanced Inspections must be completed within no greater than seven (7) days of pick-up of Ensembles.

ADVANCED INSPECTION FEE

All services performed on all Bunker Gear will be covered by a monthly fee, as outlined in this specification, excluding the following:

- Purchase of new Bunker Gear and Suspenders
- Specialized Cleaning (as outlined in NFPA Standards)
- 'Change of Rank Patch'
- Retro Fit Bunker Pants with Belt Loops (Belt Loops detailed specification is listed herein)

Advanced Cleaning.

The Advanced Cleaning of Ensembles shall include the cleaning of each coat and each pair of the fire protective pants, as required by relevant NFPA 1851, or more often, if determined by the Department Liaison

Acceptable methods of advanced cleaning include Ozone Water Wash and/or CO_2 . However, CO_2 is the preferred method of cleaning, which has been proven to be an effective method of removing fire ground contamination and reducing the PAH contamination with no damage to gear labels and strength of fabric, all while maintaining repellency of the PPE gear.

CO_2 cleaning has demonstrated its effectiveness in removing on average, 98% of poly-aromatic hydrocarbons (PAHS) and semi-volatile organic compounds (SVOCS) from PPE. The breakdown is as follows: Acenaphthene, Diethyl phthalate, Florene, Phenanthrene, Anthracene, Pyrene and Ni-di-octyl phthalate at 100% removal efficiency; Phenol is removed at 83% efficiency; 2-Nitrophenol is removed at 95% efficiency and 2,4,6 – Phenol removed at 98% efficiency. Heavy metals including chromium, cobalt, arsenic, antimony, cadmium, and lead are removed at 51% efficiency, meeting the NFPA requirement. This exceeds the NFPA requirements of a minimum of 51% and well exceeds 55%+ removal with water washes.

The molecular structure of a liquid CO_2 is 1/10th the size of a water molecule, allowing for deeper penetration through the PPE than water, ensuring cleanliness and leaving garments dry when finished, enabling a quicker turnaround time for the department. CO_2 does not use added cleaning agents, causing less degradation to PPE materials.

Contractor must demonstrate knowledge of Ozone Water Wash and CO_2 and provide 24/7 access to the cleaning process.

Contractor must conduct Advanced Cleaning of all Ensembles;

- to be conducted during the member's first furlough period or, if not possible,
- subsequent furlough period,

Advanced Cleanings must be completed within no greater than seven days of pick-up.

~~The Advanced Cleaning of Ensembles shall include the cleaning of each coat and each pair of the fire protective pants, as required by relevant NFPA 1851, or more often, if determined by the Department Liaison~~

~~Contractor must conduct Advanced Cleaning of all Ensembles;~~

- ~~• to be conducted during the member's first furlough period or, if not possible,~~
- ~~• subsequent furlough period;~~

~~Advanced Cleanings must be completed within no greater than seven days of pick-up.~~

Changing of Rank Patch and various Retro Fit of Gear

The Contractor must, either during regularly scheduled Advanced Inspection or as requested on other occasions by the CFD:

- Change the Rank Patch, meaning the change of either the name or the rank on the Rank Patch located on the back of the Bunker Coat, consistent with the description contained herein, and/or
- Retrofit Bunker Pants with Belt Loops (as specified in the Detailed Specifications set forth in this Contract)

GENERAL PICK-UP/DROP-OFF PROCEDURES FOR ADVANCED CLEANING AND ADVANCED INSPECTIONS

Contractor must provide secured "crates", for the term of the Contract and at no cost to the City, to receive the Ensembles from the Members. Contractor must provide approximately 150 crates (ie, 1 crate per firehouse, other CFD facility, and the CFD Training Academy). Crates will remain at the firehouses, except during times when Contractor retrieves crates to perform Services on the Ensembles.

Fire Suppression / EMS Members:

- No minimum/maximum number of ensembles is required per pick-up of ensembles for Advanced Inspections and Cleanings

- Contractor must provide laundry bags for each scheduled pickup, large enough to store 1 coat and 2 pants, in any color other than purple.

- Laundry bags must be affixed with Member's personalized label (label may be temporarily affixed)

- Because services occur primarily during member furlough periods, scheduled servicing will occur during compressed timeframes

-City will provide no less than 7 days notice for reschedule of pick-up of Ensembles. City may require that Ensembles be picked up from any number of CFD locations across the City, and with regard to any location,

- Contractor may need to pick up 1 or more Ensembles for services.
- Pick-ups must take place after 9:00 am and before 5:00 pm

- The notice will indicate the locations, number of Ensembles per location (identified per name of CFD personnel), and the 5-day period of time during which Contractor must pick up all the Ensembles identified on the Notice, and delivery date and location of delivery. The Contractor will provide a 5-day scheduled pick-up. Each 5-day scheduled pick-up for Advanced Cleanings and Advanced Inspections must be agreed in writing with the Department Liaison. Contractor must visit every designated CFD location during each 5-day scheduled pick-up period.

- Contractor must notify Department Liaison, by e-mail, in spreadsheet format, within 3 days after scheduled pick-up if Ensemble identified in Notice is not in crate at time of scheduled pick-up for rescheduling

- At time of pick-up, Contractor and Officer in Charge will verify (and sign and date Contractor provided pick-up ticket) content of each laundry bag. Discrepancies will be noted and initialed by Contractor and CFD Officer-in-Charge

- Contractor must deliver serviced Ensembles to locations indicated on service Notice, which will often, but not always, be same location from which Contractor picked up the Ensembles for servicing.

- Contractor must perform Advanced Inspections/Advanced Cleaning and must drop-off the Ensembles within 7 days of pick-up, unless otherwise agreed to between Contractor and CFD. CFD may agree to extend time for service with respect to an Ensemble if an Ensemble requires extensive repairs, change of rank patch or retrofit of gear. Such permission, if granted, will be granted in writing.

- Serviced Ensembles must be dropped off before 7:00 am on scheduled delivery date, identified in service Notice

- Both Contractor and CFD Officer-in-Charge will verify that contents of dropped-off bag correlate with delivery receipt, and both parties will sign off on delivery receipt. Contractor will not be responsible for returning ensembles to locked crate. The Contractor will retain the original receipt, and a copy will be provided to the CFD Officer-in-Charge, prior to the driver leaving the delivery location.

- Serviced Ensembles will be dropped off in plastic with the Members' information visible. The bag will be delivered to the scheduled location or as indicated in the exception listed below, prior to the last work day, prior to the Member's furlough.

- Any misdirected serviced Ensemble(s) will be picked-up and delivered to the proper facility within a four (4) hour window, which begins at the time of notification made to the Contractor.

Pick-up and/ or Drop-off location exceptions

The pick-up and drop-off schedule requirements for the Members listed below will be provided by the Department Liaison and will deviate from the above requirements, as follows:

Relief Members:

(Assignment location may vary within a particular district)

Contractor will issue purple colored laundry bags for all Relief Members to their respective districts in the month of December of each year, for use in storing Ensembles that require Pick-Up.

The Contractor will issue and deliver purple colored laundry bags for all newly assigned Relief Members to their respective districts within one week of notification from the Department Liaison.

Detailed Member:

(Temporary Assignment)

Detailed Member will follow same pick-up and drop-off procedure as Fire Suppression/EMS Members, except their Ensemble(s) will be bagged and left for pick-up at CFD location, which will be provided by the Department Liaison. Member’s serviced Ensemble(s) will be returned [by Contractor or City?] to respective permanent assignment on the scheduled delivery date.

Fire Prevention Bureau and other personnel, as determined by CFD

Pick-up will be scheduled by Department Liaison.

Failure to Adhere to Pick-Up/Drop-Off Schedule

If the return of the Ensemble cannot be made prior to the day the Member is to commence work, the Contractor must issue a Loaner Coat and/or Loaner Pants in time for each Member to commence work.

- Contractor must provide Loaner Coat/Pants within four (4) hours of notice by City

- If Contractor delivers Ensemble to location other than as designated by City, Contractor must retrieve that Ensemble, and deliver it to the correct location indicated by CFD, within four (4) hours of notice by City

Loaner Ensembles

- Loaner gear will be placed in crate by CFD personnel for pick-up by Contractor on day when CFD personnel receives his/her assigned ensemble

Tracking of gear (cradle to grave)

Contractor must document in the Contractor’s electronic system and the tracking system, as further enumerated herein, all findings of the Advanced Inspections and Advanced Cleanings and provide CFD with a quarterly report, in a format that is agreed upon between CFD and Contractor.

D. SERVICE CALLS (Unscheduled services)

Contractor must provide certain unscheduled services, at request of City. These include, but are not limited to, replacement, cleaning, Specialized Cleaning, inspection, repair, change of rank patch and retrofitting of gear, and/or provision of Loaner Coat or Pant.

Only Specialized Cleaning services, changing of rank patch and retrofitting of gear are compensated separately from Advanced Inspections/Cleaning

Call-Response Time

Contractor must provide loaner ensembles while providing any unscheduled services, in accordance with the following timeframes:

- within 4 hours, if an emergency, as determined by City, in its sole discretion, twenty-four (24) hours a day seven (7) days a week.
- within 2 days, if non-emergency, as determined by City in its sole discretion

All unscheduled services, with the exception of the provision of a replacement ensemble, must be completed, and Ensembles must be dropped-off, within seven (7) days. Replacements will be provided in accordance with timeframe set forth above for provision of new ensembles

Pick-Up/Drop-Off

- Pick-up/Drop-off will occur at locations designated by City

For Members who are assigned to the CFD Training Academies, Contractor shall pick up and return Ensembles for Service Calls at the designated CFD Training Academies.

Any Ensemble that the Contractor removes for Service Call must be completed and returned to the Member, as stated in "Call-Response Time". Seven (7) day servicing period may be extended in discretion of City, if City determines:

- Other delay that is attributable to causes outside the control of the Contractor
- Delay is not attributable to the fault of the Contractor; and/or
- Department Liaison excuses the delay in writing.

Inspection of Repaired Ensemble

- On the Member's first working day after the drop-off of an Ensemble, following Advanced Inspection, and/or Advanced Cleaning and/or repair and/or unscheduled repair and or Specialized Cleaning, the Member shall inspect and try on the Ensemble to determine:
 - Ensemble is complete
 - issue giving rise to the repair has been addressed
 - Ensemble fits

- identify readily visible defects

- **Non-Conforming:** If City, in its discretion, determines that Ensembles don't meet the above requirements, then the Ensembles are "non-conforming" and City, in its discretion, may require Contractor to remove ensembles within 4 hours and repair/replace Ensembles in the City's discretion, and deliver repaired/replaced Ensembles, to the location designated by City, within 48 hours.

If at any time CFD determines an Ensemble to be "non-conforming," in connection with Service Calls (either before or after Repair Evaluation Period), and requires re-execution of the Services on three (3) occasions within a three (3) month timeframe to address the same defect, such Ensemble shall be deemed to be an irreparable Ensemble, and the provisions of "Irreparable Ensembles", below, shall apply to that Ensemble.

- **Conforming:** If the Ensemble passes an initial inspection (meets above requirements), the "Repair Evaluation Period" commences. Repair Evaluation Period extends for thirty (30) days.

- During Repair Evaluation Period, if CFD, in its discretion, requests re-execution of the Service, Contractor must re-execute the service, at Contractor's expense. Contractor must pick-up the ensemble at the location designated by the City in its notice, must perform the services, and must drop it off to the location designated by the City within 48 hours

- If no requests for repeat of service before end of Repair Evaluation Period, Contractor will be deemed to have completed the service, and, if the service were unscheduled, the Contractor could invoice the City for the service:

F. IRREPARABLE ENSEMBLE

- If Contractor determines that an Ensemble is irreparable (ie, cannot be made to conform with NFPA 1851 of Ensemble has been reached)), whether during unscheduled service call or during Advanced Inspection, Contractor will notify City within 24 hrs. of making that determination with a written description of basis for that determination. City will make final determination whether repairable or irreparable

- If irreparable and covered by warranty, see warranty terms

- If Ensemble is irreparable, City will transfer title to Contractor, and Contractor will properly dispose of Ensemble, at no cost to the City.

G. MANAGEMENT OF INVENTORY

-If requested by the City, Contractor shall provide Inventory for the City. Contractor shall permit the Department Liaison to inspect the Inventory at the Facility at any time during normal business hours. If the Inventory conforms to the requirements of this Contract, the Department Liaison shall accept the Inventory, at which time title, but not risk of loss, shall pass to the City, and payment shall be due for the Inventory.

Contractor shall manage and have custody of any Inventory of bunker gear, whether purchased under this Contract or another, until delivery to the Delivery Point when risk of loss shall pass to the City. Contractor shall deliver such Inventory, or a portion of the Inventory, at the CFD's option, to the City's Delivery Point, upon the CFD's prior written request, within the deadline set by the City, but in no event less than 4 hours from the request if such requests are made during normal business hours or in the case of emergency. Contractor shall not use any Inventory to meet Contractor's obligations for Loaner Coats as described herein or to meet Contractor's warranty obligations.

While in its custody, Contractor accepts absolute responsibility for the Inventory or loss of the Inventory and shall store the Inventory at the Facility in such conditions as to preserve the Inventory in new condition, protect it against any loss due to fire, flood, explosion, tornado, theft, or negligence, and shall insure the Inventory for at least its purchase price under an "all risk" policy. In the event of any damage or loss of the Inventory, City shall be entitled to receive all proceeds of insurance of the Inventory.

- Contractor will have an obligation to pick-up existing inventory from Lion Total Care Facility located at 4433 S. Springfield Ave, Chicago, Il 60632, within five (5) days of award of Contract.

H. LOANER STOCK

The Contractor must maintain no less than two hundred (200) Loaner Coats and two hundred (200) Loaner Pants, in various sizes ranging from the smallest to the largest sizes used by the CFD. The Contractor should have, on hand, enough Loaner Ensembles to provide Loaner Ensembles to Members in the various instances.

Contractor will provide Loaner Coats and Loaner Pants to CFD personnel under following circumstances:

- A. the Contractor, if for any reason, does not return Ensembles to Member(s) as indicated in the Advanced Inspection drop-off schedule
- B. Fire Suppression and Rescue Relief Officers or Fire Suppression and Rescue Relief Engineers Ensembles have been picked up for Advanced Cleaning. In this instance a Loaner Ensemble, for each member that fall into this category, will be dropped off at a location that will be provided to the Contractor, on the date indicated on the drop-off schedule
- C. EMS, Fire Prevention Bureau, and all other personnel, as requested by the Department Liaison
- D. For unanticipated circumstances, including emergencies, unscheduled services, or CFD personnel otherwise unable to use their issued gear.

I. RETIRING MEMBER / SEPARATING MEMEBER

Retiring or separating Member will return their Ensembles to the Department Liaison prior to the separation of the respective Member's position. Contractor shall clean these Ensembles, at no cost, as part of the regularly scheduled Advanced Cleaning, inventory, and will store approximately 300 Ensembles for use at the sole discretion of the CFD. Delivery of owned CFD Ensembles to a CFD Delivery Point will be provided at no cost to the City.

J. INVENTORY SYSTEM AND TRACKING

In addition to requirements enumerated herein, Contractor must develop, or obtain, and maintain a computerized inventory tracking and management system that is accessible to CFD, at various locations (the "System"). The System must be able to record and provide, at a minimum the information listed above and the System must meet or exceed relevant NFPA Standard 1851 and track Ensembles from manufacturing, to Provision of Ensembles to the Member to whom it was assigned, through the cleaning, inspecting and repair cycles, until disposal of the Ensemble using bar code technology with interleaved 2 of 5 symbology and labeling.

The Contractor shall provide and maintain all bar coding equipment used to track the Ensembles.

The Contractor's System must provide reports on each individual, Ensemble, and bureau classification. Contractor must provide reports in electronic format according to relevant NFPA Standard 1851, as follows:

1. Records of items issued, cleaned, inspected, repaired and/or exchanged with the employee number, file number, and assignment of each Member;
2. Complete Ensemble information for each Member authorized to wear the Ensemble; and
3. Daily, weekly, monthly and yearly usage information by employee number, log number, company, Fire Station, battalion, and district. This information must be updated after every transfer order and promotional order, in accordance with the requirements of the collective bargaining agreement, and on a monthly basis for retired Members and any separating Members.

Provision of Computerized Inventory Management System

- Contractor can determine choice of System, but it must be compatible with City's current network and software systems, which are Novell and Microsoft. System must meet or exceed relevant NFPA Standard 1851

- Contractor must implement the System, and the System must be accessible to City, within thirty (30) days of award of Contract

- Contractor must obtain and/or grant any licenses required in order that City may use the System as described in this Contract

- System must be capable of tracking history of cleaning, repair, replacement and status, including:

- Name of Member to whom the Ensemble was issued

- Date and condition of Ensemble when issued
 - Dates of evaluation periods and repair evaluation periods
 - Acceptance date
 - Manufacturer, model name, and design of each component of the Ensemble
 - Relevant manufacturers' identification, lot and serial numbers (ie, individually identifiable information for each piece)
 - Month and year of manufacture of each component of the Ensemble
 - Date(s) and findings of Contractor's Advanced Inspection(s)
 - Date(s) of Contractor's Advanced and Specialized Cleanings
 - Reason for Advanced and Specialized Cleanings and name of employee of Contractor who performed Advanced and Specialized Cleaning
 - Date(s) of repair(s) who performed repair(s), and brief description of any repair(s)
 - Date of retirement of Ensemble
 - Date and method of disposal of Ensemble showing chain of custody
 - Date of change to rank patch and change in patch description
- CFD must be able to access real time data from the contractors system at various locations
 - System must use bar code technology with interleaved 2 of 5 symbology and labeling
 - Contractor must, at its own expense, provide and use bar coding equipment to track ensembles
 - Information must be logged into the system such that the system is never more than twenty-four (24) hours out of date
 - Contractor must log in inventory from prior contractor within seven (7) days of award of contract
 - Upon termination of the Contract, for any reason, Contractor will give City an electronic copy of the System data, in a spreadsheet format that is readable by Microsoft Excel, within seven (7) days of termination of contract

K. TRAINING, EDUCATION, AND CONSULTING-INDUSTRY UPDATES AND BENCHMARKING

Contractor shall conduct clinical and didactic training as often as requested by CFD on subjects related to Ensembles (which will be determined by CFD).

Contractor's Representative will attend meetings with CFD, when requested.

Contractor shall provide industry updates and benchmarking studies when requested by the CFD.

Deliverables

In carrying out its Services, Contractor must prepare or provide to the City various Deliverables.

The City may reject Deliverables that do not include relevant information or data, or do not include all documents or other materials specified in this Contract or reasonably necessary for the purpose for which the City made this Contract or for which the City intends to use the Deliverables. If the City determines that Contractor has failed to comply with the foregoing standards, it has thirty (30) days from the date of the City's receipt of the applicable Deliverable to notify Contractor of its failure.

If Contractor does not correct the failure, if it is possible to do so, within thirty (30) days after receipt of notice from the City specifying the failure, then the City, by written notice, may treat the failure as a default of this.

MAINTENANCE OF ENSEMBLES USED FOR TRAINING PURPOSES

Advanced Inspections

Contractor must conduct Advanced Inspection of all Ensembles used for Member training after each graduating class or as needed.

Advanced Cleaning

Contractor must conduct Advanced Cleaning of all Ensembles used for Member training after each graduating class or as needed.

General Pick-up/Drop-Off Procedures for Advanced Cleaning and Advanced Inspection of Training Ensembles

The Department Liaison or the designee of the Department Liaison shall notify the Contractor that training ensembles are available for pick-up at the CFD Training Academies.

Ensembles will be stored in a laundry bag, provided by the Contractor. The laundry bags shall be placed into the secured container or other secured area.

Contractor must pick-up the ensemble at the agreed-upon date and time.

At the time of pick-up, the Contractor's authorized driver/representative and the Director of Training or the designee will verify each bag and its contents. Upon verification of Ensemble(s), both the Contractor's authorized driver/representative and the Director of Training, or designee, will approve, sign and date the Contractor provided pick-up tickets. Any discrepancies will be noted in detail and initialed by both driver/representative and Director of Training, or designee. The Contractor's authorized driver/representative will retain the original and a copy will be provided to the Director of Training, or designee, prior to the driver leaving the CFD Training Academies.

Contractor must identify for the Department Liaison any Services performed to the Ensembles, in addition to the Advanced Cleaning, Advanced Inspection and repairs.

Contractor shall warehouse cleaned/inspected, and if required repaired, Ensembles in the Contractor's facility.

L. FACILITY

The Facility shall: (i) meet or exceed the relevant NFPA and ISO standards and use microprocessor-controlled machinery which controls the relevant tolerances; (ii) have sufficient size, equipment,

employees, and capacity for Contractor to meet its obligations pursuant to the terms and conditions of this Contract; and (iii) comply with all applicable Municipal, State, and Federal codes and regulations.

The Facility must:

- be located within City limits
- be a facility dedicated to City, or have space dedicated to City. Should Contractor desire to use the Facility for third parties, Contractor must give the City priority over the third parties.
- meet or exceed relevant NFPA and ISO standards
- be minimum of 5000 sq feet (whether dedicated space or dedicated facility)
- contain a secured area of at least 100 square feet for the exclusive use by the CFD for pick-up, exchange and return of Ensembles
- open for CFD business, with sufficient personnel available to provide Services, Monday through Friday – during the hours of 7:00 a.m. to 5:00 p.m.
- provide, during all hours of operation, the services of an appropriate number of employees possessing NFPA and ISO credentials/certifications, who will perform Services to the CFD-owned Ensembles, per NFPA and ISO standards and this contract

WARRANTIES, SERVICE GUARANTEE, AND USE/CARE INSTRUCTIONS

Warranty for Services

Contractor warrants during the Service Life that all Services shall meet applicable NFPA and ISO standards. Should the Service fail to meet the requirements of this warranty Contractor shall perform the Services again at no cost to City, until the Services meet the standards of the warranty.

Service Guarantee for Ensembles (Contractor Maintains)

- Contractor guarantees for the "Service Life" that each Ensemble:

- is fit for duty
- meets or exceeds requirements of this Contract, and
- meets all applicable NFPA standards in effect at time of their manufacture

- During this period Contractor must replace or make repairs, at City's option, no matter the cause, except for events that are solely the result of causes that are "beyond normal wear and tear," which means either (1) or (2):

(1) Damages that meet both of the following criteria:

(a) Damage attributable solely from wearing of Ensembles in situations other than in the course of duty, and

(b) Arise from conditions under which the Ensembles are exposed to excessive heat or moisture beyond the conditions which the Ensembles were designed to withstand to meet relevant NFPA.

or

(2) Catastrophic events, meaning either of the following:

(a) Events that are Extraordinary events (events with conditions outside the parameters set forth in relevant NFPA [1851] which the Ensembles meeting relevant NFPA standards must withstand) and cause the complete destruction (as determined by the Commissioner), not only of the Ensembles provided by the Contractor, but the other elements of the uniform worn by the Member, such as the helmet and boots.

or

(b) Events that cause chemical or biological contamination of the Ensembles, provided that the Commissioner concurs that the Ensembles should be replaced and that the condition of the Ensemble cannot be cleaned. If the Commissioner determines that the Ensemble's condition may be cleaned, cleaning shall be done as a Specialized Cleaning.

Unspecified Items

Any Bunker Gear accessories, Bunker Gear modifications and/or other Bunker Gear services, not specifically listed herein, may be added to this contract, if they fall within the same specific category of supply items and/or services specified in this contract. The aggregate value of unspecified items purchased under this Contract must not exceed ten percent (10%) of the original Contract award dollar amount.

The User Department will notify the Contractor, in writing, of the items which are necessary and request a written price proposal for the addition of the item(s) to this contract by modification, then forward the documents to the Chief Procurement Officer. Such item(s) may be added to the contract only if the prices are competitive with current market prices and said items are approved by the Chief Procurement Officer in the form of a written modification signed by the Contractor and the City. The Chief Procurement Officer, reserves the right to seek competitive pricing information on said item(s) from other suppliers and to procure such item(s) in a manner, which serves the best interest of the City.

Any such item(s) delivered by the Contractor, without a properly executed contract modification signed by the Chief Procurement Officer, are delivered entirely at the Contractor's risk. Consequently, in the event that such modification is not executed by the City, the Contractor hereby releases the City from any liability whatsoever to pay for any items delivered prior to the Contractor's receipt of the fully signed modification



May 1, 2024

Mr. Kevin Pater
Contracts Coordinator – Chicago Fire Department
Office of Public Safety Administration
3510 Michigan Avenue
Chicago, IL 60653

Dear Mr. Pater:

LION appreciates the opportunity to serve the City of Chicago as the exclusive supplier of structural firefighter turnout gear and accompanying care and maintenance services to the Chicago Fire Department. Our experience with the Chicago Fire Department, as well as our extensive experience providing these products and services to other major metropolitan municipalities, uniquely qualify us for this partnership.

LION has more than 15 years of experience providing Chicago with custom structural turnout gear and TotalCare care and maintenance services to prolong the life of the gear.

Since the LION partnership with Chicago FD began in 2006, we have successfully and jointly distributed more than 14,000 sets of turnout gear in the field. This includes three mass production and distribution events, including:

- 5,200 sets of turnout gear in 2006
- 4,000 sets of turnout gear in 2016
- 4,000 sets of turnout gear in 2021

As part of the original 2006 contract, LION placed the first TotalCare facility dedicated to a specific city and fire department in Chicago. Today, LION's Chicago TotalCare facility employs 18 personnel to support the pickup and delivery, cleaning, inspection, care and maintenance of the fire department's PPE and also act as its quartermaster for the "ChicStock" turnout gear.

All of CFD's sets of turnout gear currently in service are on regular cleaning, inspection and repair schedule in accordance with NFPA 1851, the fire service's Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.

Our TotalCare services include:

- Advanced Inspection
- Advanced Cleaning
- RedZone CO2 Cleaning
- Decontamination and Disinfection
- Repair
- Retrofits and Alterations
- Rental Gear
- Emergency Back-up Gear

7200 Poe Ave. | Suite 400 | Dayton, OH 45414
tf: 800.548.6614 | p: 937.415.2936 | msmith@lionprotects.com | www.lionprotects.com



- NFPA 1851 Record Keeping
- Customized Programs
- 24/7 Access to Reporting
- 24/7 Emergency Response

LION has a team of resources dedicated to meet the day-to-day servicing needs of the Chicago FD, as well as working collaboratively on future needs. With a dedicated strategic accounts director, Brian Blinn, who is solely dedicated to the City of Chicago, this ensures time and focus to effectively partner and service the second-largest fire department in the United States.

In addition to the City of Chicago, LION is a partner to many of the largest metropolitan fire departments in the country, trusted to meet their PPE and/or PPE care and maintenance needs, including:

- FDNY
- CAL FIRE
- Atlanta
- Houston
- Philadelphia
- Boston
- Loudoun County (VA)
- Orange County (CA)
- Miami-Dade
- Detroit
- Indianapolis
- Dallas
- Phoenix
- Columbus
- Baltimore City
- Palm Beach County
- San Francisco
- Nashville
- Honolulu
- Jacksonville
- Seattle
- Buffalo

We look forward to the continued opportunity to partner with the City of Chicago and its fire department to keep its firefighters safe, fit for duty and ready for action.

Respectfully,

A handwritten signature in blue ink, appearing to read "Mark T. Smith", written over a white background.

Mark T. Smith
President. LION Americas



7200 Poe Ave, Suite 400
Dayton, OH. 45414

Phn 800-421-2926
Fax 877-803-1032

ON BEHALF:

LION

FOR:

Chicago Fire Department, Quinn Academy

PSGQ9214-E
CHANGED TO V-FORCE
PACK BY MAN

Delivery:
30 days for rookies/Crossovers
60 day normal delivery
M/F is male / female model
Tag must be Last Name, First Name, File#
Coats and Pants must be entered on same order
Install Suspenders to pants

Description	MEGR Part #
-------------	-------------

Page: 1

Custom Turnout Coat - 2023

Black Coats/Pants: Firefighter, Engineer, Lieutenant, Captain,
Commander, Batt. Chief

Coat Model / Design

**V-Force®
Bi-Swing Coat**

LION® Turnout V-Force® Bi-Swing Coat

Coat Model / Design

CVBM-32

32" Male V-Force® Bi-Swing Coat

Coat Liner & Moisture Barrier

K4 - Traditional

Traditional Liner, Glide Ice™ face cloth quilted to DWR treated 2.3 oz
NOMEX®/Kevlar® spunlace & DWR treated 1.5 oz AraFlo®, STEDAIR
4000 /Nomex® Pajama Check laminated membrane

Coat Inner Yoke Reinforcement

LYR233

(Std) Semper Dri® front and back yokes sewn to coat thermal liners.
(RM1377-059) - V-Force Bi-Swing

Coat Water Well

CLW227S

Chambray DWR 2-Layer AraFlo E89 Quilt with Chambray face
cloth/StedAir 4000 with 1" elastic wrist shield. Waterwell with 3/4" loop,
male snap, sewn to coat liner sleeves. - V-Fit

Coat Wristlets

CLW765

4" Isodri wristlet sewn to liner system with 5/8"x3 1/8" Nomex webbing
thumbloop w/1" spacing between bartacks. Thumbloop centered on front
liner sleeves & sewn to inside of wristlet

Coat Outer Shell Material

Armor AP

Armor AP, 6.5 oz, Black

Fabric Color

Black

Black Outer Shell

Reflective Trim

CT134RPY

3" NFPA Diamond Oralite (Reflexite) Coat Trim Pattern for V-Force

Bi-Swing coat

Drag Rescue Device

BHS022

DRD: Firefighter Recovery Harness with 2" welt and 4.25" x 3.25" flap with rounded corners. 1 piece 1.5x2" loop for harness storage. 1 piece 1x3.5" loop and 2 male snaps on shell flap closure, 1 piece 1x3.5" hook and 2 female snaps on flap. 1 piece 1.5x2" hook on harness. 1 piece 2x2" loop inside above chest trim for harness storage, 1 pair 1x3.5" self straps with 1x2" hook and loop. The loop handle shall have a silver retro-reflective LION logo patch.

Coat Shell Attachment

CSA709

(Std) 1x3.5" Self Fabric strap w/ 1 end sewn to coat shell & opposite end loose w/ 1 female non-logo snap, 1 male snap on liner centered at bottom rear panel to align w/ the female snap. (Cannot be used on coat where liner is 3" from shell). (Standard on V-Force)

Coat Collar

CR238SZ

4" split self fabric collar with STEDAIR 4000 lined. 2 pieces 1x4" hook on each end inside thermoplastic zipper - pull side set along top edge for attachment to liner. 1.5x4" hook&loop with x-stitch for front closure. V-Fit

Collar Flashing

CLF222SZ

4" Self fabric, STEDAIR 4000 lined split collar with 2 pieces 1x4" loop on moisture barrier, thermoplastic zipper - pin side set along top edge for attachment to shell. Use with CR238SZ & CR239SZ

Liner Inspection System

CLO208

(Std) Coat liner inspection system located at center right front of liner, with 1x6" loop. V-Fit coats

MISC. Fasteners

MF020

(Std) 1.5x5" hook sewn to right front shell for the Coat Liner Inspection System - V-Fit, V-Fit Elite CRNM/CRNF

Coat Cuff Reinforcement

CC711-BLK

Black Poly-Coated Aramid Cuff Reinforcements - V-Fit

Coat Elbow Reinforcement

EB521-BLK

Contoured Black poly-coated aramid elbow patch w/ 1 layer GIC E-88 foam padding. V-Force Bi-Swing

Coat Shoulder Reinforcement

SC713-BLK

Black poly-coated aramid shoulder caps with GIC E-88 foam padding.

Coat Closure System

SF299S

5" Stormflap (square corners) w/2 layers Self-Fabric & STEDAIR 4000, hook & dee in, 2" hook & 2" loop out (loop & 4 d-rings on coat front, hook on stormflap & 4-701's on stormflap side). Top hook & dee 1" lower than standard - V-Fit Bi-Swing Design "Chicago" Closure

Snap Attachment

SAC702

Snap attachment coat-3 female nonlogo snaps & 3 male snaps between hidden hook and dees.

Coat Pockets

Turn-Out Pockets**FBP1034**

(2) 9x10x2" Full bellow pocket w/ KEVLAR® twill fully lined all 4 sides inside pocket, 1pc. 2x9" loop on pocket & 3pcs. 1.5x3" hook on flap. PCA Tab Out.

>>> USE FBP703 ON SHORTER PANTS; ADD PKTM001

Item Location for Above

Front bottom- Left & Right

Flashlight Strap**FLS577**

1x12" self fabric strap with 1 piece 1x5" hook on one end & 1 piece 1x5" loop on opposite end, strap X-stitched to shell, 2 tacks.

Item Location for Above

Right Chest; 1.5" Above Chest Trim, Works With MF021

Lettering Patches**LP527RP3Y-Y-Z
O1**

6.5x14" liner out system w/ 1" hook & 3" yellow perforated oralite diamond plate triple trim on patch, 1" loop on coat, 2" yellow sew-on s/l lettering "LINER-OUT" on coat. for Chicago V-FIT coat

OS- Location as "Back @ Hem" and the comment to note "Liner Out System"

Sewn On Lettering**LTRP3YNS**

Sewn On 3" Lime/Yellow Oralite Diamond Plated Letters (each line) 6 - 12 Alpha Numeric Name Characters

>>> 2" LETTERING WILL BE USED TO FIT LONGER NAMES IF NEEDED <<<

Lettering

Lettering shall be CHICAGO (1ST LINE)

Location for Lettering

Across yoke

Sewn On Lettering**LTRP2YNS**

Sewn On 2" Lime Yellow Oralite Diamond Plated Letters (each line) 6 - 12 Alpha Numeric Name Characters

Lettering

Lettering shall be FIRE DEPT (2ND LINE)

Location for Lettering

Across yoke

MISC. Fasteners**MF021**

701 Reverse Snap Hook riveted to shell with Poly-Coated Aramid backed rivets.

Item Location for Above

Chest Right- With Bottom Of Hook 1.5" Above FLS577

Mic Tab**MT503**

1x3" triple layer self fabric mic tab bartacked each end.

Item Location for Above

Left Chest- 2" Below Top of SF299S; 2" Over From SF299S & With Top Of MT503 At 11 O' Clock Position

Mic Tab**MT503**

1x3" triple layer self fabric mic tab bartacked each end.

Item Location for Above

Right Chest- 2" Below Top of SF299S; 2" Over From SF299S & With Top Of MT503 At 11 O' Clock Position (SAME AS MT503 ON LEFT CHEST SO THEY MIRROR)

Hanger Loop**LHL700**

5/8 by 5.5" black outershell material hanger loop attached at liner neck area.

OS REMOVE THE HL02

Coat Outer Shell Material**NOMEX®**

NOMEX®, 7.5 oz. NATURAL

Same build as Armor AP Black.

White Coats/Black Pants:

Dep Dist Chief - WHITE COATS

District Chief - WHITE COATS

Asst Dep Fire Comm - WHITE COATS

Dep Fire Comm - WHITE COATS

1st Dep Fire Comm - WHITE COATS

Fire Comm - WHITE COATS

Front Facing**FF260**

Polycotton front facings w/thermoplastic liner zipper tacked at top and bottom, 1 piece 1x1.5" hook on each side at top. polycotton flat lined front and neck, for non v-fit coats when using SF202, SF208, SF247 or SF269 are used.

FF NAME PATCH IS INCLUDED IN PRICE OF COAT

29" COATS, IF GETTING RANK & FF NAME PATCH PLANT WILL NEED TO TURN PATCH TO 3.5" HIGH TO FIT

Lettering Patches**LP1**

4x18" 1 line letter patch

Lettering Patch Attachment**LPSP1**

Set patch to coat between chest & hem trim or on coat tail panel

Sewn On Lettering**LTRP2YNS**

Sewn On 2" Lime Yellow Reflexite® Diamond Plated Letters (each line) 6 - 12 Alpha Numeric Name Characters

Location for Lettering

1" ABOVE HEM TRIM

Lettering

Lettering shall be FF LAST NAME

Duplicate names will get the first initial AND last name
 Father/Son - will add JR or II, III to the name patch

Lettering Patches

LP1

4x18" 1 line letter patch

Sewn On Lettering

LTRP2YNS

Sewn On 2" Lime Yellow Reflexite® Diamond Plated Letters (each line) 6
 - 12 Alpha Numeric Name Characters

Lettering Patch Attachment

LPSP1

Set patch to coat between chest & hem trim or on coat tail panel

Item Location for Above

DIRECTLY ABOVE FF NAME PATCH

Lettering

Lettering shall be RANK

Custom Turnout Pants - 2023

Black Coats/Pants: Firefighter, Engineer, Lieutenant, Captain,
 Commander, Batt. Chief

Pant Model / Design

PVFM/F

LION® Turnout V-Force® Pant

Pant Liner & Moisture Barrier

K4 - Traditional

Traditional Liner, Glide Ice™ face cloth quilted to DWR treated 2.3 oz
 NOMEX®/Kevlar® spunlace & DWR treated 1.5 oz AraFlo®, STEDAIR
 4000 /Nomex® Pajama Check laminated membrane

Pant Liner Option

PLO228

Non standard pant liner cuff opening (1" wider than standard)

>>> PMO228 IS REQUIRED WITH THIS PART

MISC. Pant Options

PMO228

Non standard pant shell cuff opening (1" wider than standard)

>>> PLO228 IS REQUIRED WITH THIS PART

Liner Inspection System PLO200

(Std) Pant liner inspection system with 1x5" loop located at right side of liner waist.

MISC. Fasteners MF018

(Std) 1.5x5" hook sewn to right shell front for the pant liner inspection system.

Pant Outer Shell Material Armor AP

Armor AP, 6.5 oz, Black

Fabric Color Black

Black Outer Shell Material

Pant Fly Closure FLY221S

Wide angled fly w/ Stedair 4000. Closure - 2" hook & loop, 3/4" hook underneath. V-Fit

Take Up Straps TUP700

1 pair 1x5.5" self fabric takeup straps w/ 1" x 3" hook on end & 1" x 4.5" loop on opposite end, tacked to shell, 5 tacks. 1x6" strap loded over to make 1" x 2.5" strap w/one 1" nickel loop, take-ups bartacked to shell.

Take Up Straps TUP503

Front Waist TUP - 1 short leather take-up strap riveted, 703 snap hook, D-ring

Leg Tabs LGT000-BLK

(Std) 2 Black Leather leg tabs per leg with non-logo female snaps.

Pant Knee Reinforcement KP214-BLK

Black Poly coated aramid contoured knees with 2 layers Lite-N-Dri padding V-Fit.

Pant Cuff Reinforcement PC504-BLK

Black Poly-coated aramid pant cuffs and 3x3.5" kick shield.

Suspenders SB742T

42" (Regular) Night Hawk Black suspender - non-elastic quick adjust with trim and wire clips

Suspender Buttons LSA700

8 Lion head suspender buttons attached to waist of pant.

Pant Pockets

Turn-Out Pockets FBP603

(2) 10x10x2" Full bellow pocket w/ KEVLAR® twill fully lined 3 sides inside pocket & 3" up on shell, 1 pc. 1.5" x 8" loop on pocket & 2 pcs. 1.5" x 2.75" hook on flap. FBP574 for shorter inseams and smaller waist.

Item Location for Above

Thigh - Left and Right

Boot Cut**PMO542**

"Boot cut" pant legs.

Reflective Trim**PTC4RP3Y**

3" Yellow Diamond Reflexite Ventilated Reflective trim around leg bottoms- 4 rows lockstitch.

PROFESSIONAL SERVICES INSURANCE REQUIREMENTS
Chicago Fire Department ("CFD")
Purchase, Cleaning, and Maintenance Of Bunker Gear for CFD

A. INSURANCE REQUIRED

Contractor must provide and maintain at Contractor's own expense, during the term of the Agreement and during the time period following expiration if Contractor is required to return and perform any work, services or operations, the insurance coverages and requirements specified below, insuring all work, services, or operations related to the Agreement.

1) Workers Compensation and Employers Liability (Primary and Umbrella)

Workers Compensation Insurance, as prescribed by applicable law covering all employees who are to provide work, services or operations under this Agreement and Employers Liability coverage with limits of not less than \$1,000,000 each accident; \$1,000,000 disease-policy limit; and \$1,000,000 disease each employee, or the full per occurrence limits of the policy, whichever is greater.

Contractor may use a combination of primary and excess/umbrella policy/policies to satisfy the limits of liability required herein. The excess/umbrella policy/policies must provide the same coverages/follow form as the underlying policy/policies.

2) Commercial General Liability (Primary and Umbrella)

Commercial General Liability Insurance or equivalent must be maintained with limits of not less than \$1,000,000 per occurrence, or the full per occurrence limits of the policy, whichever is greater, for bodily injury, personal injury, and property damage liability. Coverages must include but not be limited to the following: All premises and operations, products/completed operations, separation of insureds, defense, and contractual liability (not to include Endorsement CG 21 39 or equivalent).

The City and other entities as required by City must be provided additional insured status with respect to liability arising out of Contractor's work, services or operations performed on behalf of the City. The City's additional insured status must apply to liability and defense of suits arising out of Contractor's acts or omissions, whether such liability is attributable to the Contractor or to the City on an additional insured endorsement form acceptable to the City. The full policy limits and scope of protection also will apply to the City as an additional insured, even if they exceed the City's minimum limits required herein. Contractor's liability insurance must be primary without right of contribution by any other insurance or self-insurance maintained by or available to the City.

Contractor may use a combination of primary and excess/umbrella policy/policies to satisfy the limits of liability required herein. The excess/umbrella policy/policies must provide the same coverages/follow form as the underlying policy/policies.

3) Automobile Liability (Primary and Umbrella)

When any motor vehicles (owned, non-owned and hired) are used in connection with work, services, or operations to be performed, Automobile Liability Insurance must be maintained by the Contractor with limits of not less than \$1,000,000 per occurrence or the full per occurrence limits of the policy, whichever is greater, for bodily injury and property damage. The City is to be added as an additional insureds on a primary, non-contributory basis.

Contractor may use a combination of primary and excess/umbrella policy/policies to satisfy the limits of liability required herein. The excess/umbrella policy/policies must provide the same coverages/follow form as the underlying policy/policies.

4) Excess/Umbrella

Excess/Umbrella Liability Insurance must be maintained with limits of not less than \$1,000,000 per occurrence, or the full per occurrence limits of the policy, whichever is greater. The policy/policies must provide the same coverages/follow form as the underlying Commercial General Liability, Automobile Liability, Employers Liability and Completed Operations coverage required herein and expressly provide that the excess or umbrella policy/policies will drop down over reduced and/or exhausted aggregate limit, if any, of the underlying insurance. The Excess/Umbrella policy/policies must be primary without right of contribution by any other insurance or self-insurance maintained by or available to the City.

Contractor may use a combination of primary and excess/umbrella policies to satisfy the limits of liability required in sections A.1, A.2, A.3 and A.4 herein.

5) Professional Liability

Professional Liability Insurance must be maintained with limits of not less than \$5,000,000 covering acts, errors, or omissions for any work, services, or operation being performed in connection with this Agreement. Coverage must include, but not be limited to, technology errors and omissions. When policies are renewed or replaced, the policy retroactive date must coincide with, or precede start of work on the Agreement. A claims-made policy which is not renewed or replaced must have an extended reporting period of two (2) years.

6) Cyber & Technology Products & Services Liability (Primary and Umbrella)

Cyber Liability must be maintained with limits of not less than \$1,000,000 for each occurrence or claim. Coverage must be sufficiently broad to respond to the duties and obligations as is undertaken by Contractor in this Agreement and must include, but not be limited to, the following: performance of or failure to perform technology product and services, invasion of privacy violations, information theft, release of private information, extortion and network security, breach response coverage and cost, regulatory liability including fines and penalties and credit monitoring expenses, denial or loss of service, unauthorized access to or use of computer systems, no exclusion/restriction for unencrypted portable devices/media may be on the policy and introduction, implantation, and/or spread of malicious software code and property damage liability in an amount sufficient to cover the full replacement value of damage to, alteration of, loss of, or destruction of electronic data and/or information property of the City that will be in the care, custody, or control of Contractor must also be included. The City must be named as an indemnified party or additional insured. Should the City be named as an additional insured and the policy contains an insured vs insured exclusion, the exclusion must be amended and not be applicable to the City.

8) Property

Contractor is responsible for all loss or damage to personal property (including but not limited to material, equipment, tools and supplies), owned, rented, or used by Contractor.

Contractor is responsible for all loss or damage to City property at full replacement cost.

B. Additional Requirements

Evidence of Insurance. Contractor must furnish the City, OPS, 3510 S. Michigan 3rd Floor, Chicago, IL 60653, original certificates of insurance and additional insured endorsement, or other evidence of insurance, to be in force on the date of this Agreement, and renewal certificates of Insurance and additional insured endorsement, or such similar evidence, if the coverages have an expiration or renewal date occurring during the term of this Agreement. Contractor must submit certificate of insurance, additional insured endorsement, or other evidence of insurance prior to execution of Agreement. The receipt of any certificate of insurance and additional insured endorsement does not constitute agreement by the City that the insurance requirements in the Agreement have been fully met or that the insurance policies indicated on the certificate of insurance are in compliance with all requirements of the Agreement. The failure of the City to obtain, nor the City's receipt of, or failure to object to a non-complying certificate of insurance additional insured endorsement or other evidence of insurance from Contractor, its insurance broker(s) and/or insurer(s) will not be construed as a waiver by the City of any of the required insurance provisions. Contractor must advise all insurers of the Agreement provisions regarding insurance. The City in no way warrants that the insurance required herein is sufficient to protect Contractor for liabilities which may arise from or relate to the Agreement. The City reserves the right to obtain complete, certified copies of any required insurance policies at any time.

Failure to Maintain Insurance. Failure of the Contractor to comply with required coverage and terms and conditions outlined herein will not limit Contractor's liability or responsibility nor does it relieve Contractor of the obligation to provide insurance as specified in this Agreement. Nonfulfillment of the insurance conditions may constitute a violation of the Agreement, and the City retains the right to suspend this Agreement until proper evidence of insurance is provided, or the Agreement may be terminated.

Notice of Material Change, Cancellation or Non-Renewal. Contractor must provide the City sixty (60) days prior written notice before any required insurance coverage is substantially changed, canceled or non-renewed and ten (10) days prior written notice for non-payment of premium.

Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions on referenced insurance coverages must be borne by Contractor.

Waiver of Subrogation. Contractor hereby waives its rights and agrees to require its insurers to waive their rights of subrogation against the City under all required insurance herein for any loss arising from or relating to this Agreement. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City received a waiver of subrogation endorsement from Contractor's insurer(s).

Contractors Insurance Primary. All insurance required of Contractor under this Agreement must be endorsed to state that Contractor's insurance policy is primary and not contributory with any insurance procured or maintained by the City.

No Limitation as to Contractor's Liabilities. The coverages and limits furnished by Contractor in no way limit or restricts the Contractor's liabilities and responsibilities specified within the Agreement or by law.

No Contribution by City. Any insurance or self-insurance programs maintained by the City do not contribute with insurance provided by Contractor under this Agreement.

Insurance not Limited by Indemnification. The required insurance to be carried is not limited by any limitations expressed in the indemnification language in this Agreement or any limitation placed on the indemnity in this Agreement given as a matter of law.

Insurance and Limits Maintained. If Contractor maintains higher limits and/or broader coverage than the minimums shown herein, the City is entitled to the higher limits and/or broader coverage.

Joint Venture or Limited Liability Company. If Contractor is a joint venture or limited liability company, the insurance policies must name the joint venture or limited liability company as a Named Insured.

Other Insurance obtained by Contractor. If Contractor desires additional coverages, then it will be responsible for the acquisition and cost.

Insurance required of Subcontractors. Contractor must either name the Subcontractor(s) as a named insured(s) under Contractor's insurance or require each Subcontractor(s) to provide and maintain Commercial General Liability, Commercial Automobile Liability, Worker's Compensation and Employers Liability Insurance and when applicable Excess/Umbrella Liability Professional Liability and Cyber Liability Insurance with coverage at least as broad as in outlined in Section A, Insurance Required. The limits of coverage will be determined by Contractor and may be subject to approval by the City. Contractor must determine if Subcontractor(s) must also provide any additional coverage or other coverage outlined in Section A, Insurance Required. Contractor is responsible for ensuring that each Subcontractor has named the City as an additional insured where required on an additional insured endorsement form acceptable to the City. Contractor is also responsible for ensuring that each Subcontractor has complied with the required coverage and terms and conditions outlined in this Section B, Additional Requirements. When requested by the City, Contractor must provide to the City certificates of insurance and additional insured endorsements or other evidence of insurance from each Subcontractor. The City reserves the right to obtain complete, certified copies of any required insurance policies at any time. Failure of the Subcontractor(s) to comply with required coverage and terms and conditions outlined herein will not limit Contractor's liability or responsibility.

City's Right to Modify. Notwithstanding any provisions in the Agreement to the contrary, the City, Department of Finance, Risk Management Office maintains the right to modify, delete, alter or change these requirements.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/21/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Arthur J. Gallagher Risk Management Services, LLC 201 E 4th Street Suite 625 Cincinnati OH 45202	CONTACT NAME: Debbie Swinford		FAX (A/C, No):
	PHONE (A/C, No, Ext): 513-977-3152		E-MAIL ADDRESS: Debbie_Swinford@ajg.com
INSURER(S) AFFORDING COVERAGE			NAIC #
INSURER A : Aspen Specialty Insurance Company			10717
INSURER B : Endurance American Specialty Ins Co			41718
INSURER C : Phoenix Insurance Company			25623
INSURER D : Travelers Casualty and Surety Company			19038
INSURER E : Travelers Property Casualty Co of America			25674
INSURER F : Great American E&S Insurance Company			37532

COVERAGES CERTIFICATE NUMBER: 265845070 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	Y		CR00NRJ22	10/1/2023	10/1/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
C	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> Collision Comp			840-6H650856	10/1/2023	10/1/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp/Coll Ded \$ 1,000
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ n			ELD30025580700	10/1/2023	10/1/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
D	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N N N/A			UB-7J025767	10/1/2023	10/1/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Leased Equipment			QT6600N243638TIL22	10/1/2023	10/1/2024	Limit \$150,000
F	Excess Liability			XSE898614	10/1/2023	10/1/2024	Ded \$2,500 Limit \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 PFAS is excluded on the excess liability policy through Great American
 RE: Modification Request 513617 | PO#26910 | Specification No.: 107749 | Contract No.: 26910 | Vendor Name: Lion Apparel, Inc. d/b/a Lion TotalCare, Inc.
 City of Chicago is included as Additional Insured as respects the General Liability policy pursuant to and subject to the policy's terms, definitions, conditions and exclusions.

CERTIFICATE HOLDER City of Chicago Department of Procurement Services City Hall, 121 N. LaSalle, Room 806 Chicago IL 60602	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



CERTIFICATE OF FILING FOR

CITY OF CHICAGO ECONOMIC DISCLOSURE STATEMENT

EDS Number: 199124

Certificate Printed on: 05/28/2024

Date of This Filing: 05/28/2024 04:14 PM

Original Filing Date: 05/28/2024 04:14 PM

Disclosing Party: Lion Group, Inc.

Filed by: Mr. Andrew G Schwartz

Title: Secretary and Corporate Counsel

Matter: Firefighter PPE and cleaning services

Applicant: Lion Group, Inc.

Specification #: 1298153

Contract #:

The Economic Disclosure Statement referenced above has been electronically filed with the City. Please provide a copy of this Certificate of Filing to your city contact with other required documents pertaining to the Matter. For additional guidance as to when to provide this Certificate and other required documents, please follow instructions provided to you about the Matter or consult with your City contact.

A copy of the EDS may be viewed and printed by visiting <https://webapps1.chicago.gov/eds> and entering the EDS number into the EDS Search. Prior to contract award, the filing is accessible online only to the disclosing party and the City, but is still subject to the Illinois Freedom of Information Act. The filing is visible online to the public after contract award.



SCHEDULE D-1
Compliance Plan Regarding MBE/WBE Utilization
Affidavit of Prime Contractor

**FOR
NON-CONSTRUCTION
PROJECTS ONLY**

**MUST BE SUBMITTED WITH THE BID. FAILURE TO SUBMIT THE SCHEDULE D-1 WILL CAUSE THE
BID TO BE REJECTED. DUPLICATE AS NEEDED.**

Project Name: Bunker Gear Supply, Repair and Cleaning

Specification No.: _____

In connection with the above captioned contract, I HEREBY DECLARE AND AFFIRM that I am a duly authorized representative of Lion Totalcare, Inc.
(Name of Prime Consultant/Contractor)

and that I have personally reviewed the material and facts set forth herein describing our proposed plan to achieve the MBE/WBE goals of this contract.

All MBE/WBE firms included in this plan have been certified as such by the City of Chicago and/or Cook County, Illinois (Letters of Certification Attached).

I. Direct Participation of MBE/WBE Firms:

NOTE: The bidder/proposer shall, in determining the manner of MBE/WBE participation, first consider involvement with MBE/WBE firms as joint venture partners, subcontractors, and suppliers of goods and services directly related to the performance of this contract.

A. If bidder/proposer is a joint venture and one or more joint venture partners are certified MBEs or WBEs, attach copies of Letters of Certification, Schedule B form and a copy of Joint Venture Agreement clearly describing the role of each MBE/WBE firm(s) and its ownership interest in the joint venture.

B. Complete this section for each MBE/WBE Subcontractor/Supplier/Consultant participating on this contract:

1. Name of MBE/WBE: Blue Daring

Address: 688 N Milwaukee Ave Ste 304, Chicago, IL 60642

Contact Person: Melissa Ballate

Phone Number: (312) 243-8700

Dollar Value of Participation
\$ 672,000

Percentage of Participation %
1.659%

Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed:¹ %

Total Participation % 1.6595

2. Name of MBE/WBE: Sutton Ford

Address: 21315 CENTRAL AVE
MATTESON, IL 60743

¹ The Prime Contractor may claim an additional 0.5 percent participation credit (up to a maximum of five (5) percent) for every one (1) percent of the value of the contract performed by the MBE/WBE protégé firm.

Schedule D-1: Prime Contractor Affidavit-MBE/WBE Compliance Plan

Contact Person: MATE SUTTON

Phone Number: 708-720-8125

Dollar Value of Participation \$ 960,000

Percentage of Participation %
2.370%

Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: %

Total Participation % 2.370

3. Name of MBE/WBE: Boye Janitorial Services

Address: 1550 W. 88th Street., Suite 108B, Chicago, IL 60620

Contact Person: Tony Adeboyejo

Phone Number:

Dollar Value of Participation
\$ 48,000

Percentage of Participation %
.119

Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: %

Total Participation % .119

4. Name of MBE/WBE: MGPG

Address: 800 W. Huron, 3 NW, Chicago, IL 60622

Contact Person: Merry Green

Phone Number: 312-243-3554

Dollar Value of Participation
\$ 105,600

Percentage of Participation %
.261

Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: %

Total Participation % .261

5. Attach Additional Sheets as Needed

II. Indirect Participation of MBE/WBE Firms

NOTE: This section need not be completed if the MBE/WBE goals have been met through the direct participation outlined in Section I. If the MBE/WBE goals have not been met through direct participation, Contractor is required to demonstrate Good Faith Efforts pursuant to the MBE/WBE Special Conditions in a request for a waiver or reduction of MBE/WBE goals. Indirect participation may be considered as part of such Good Faith Efforts in support of the requested waiver or reduction.

MBE/WBE Subcontractors/Suppliers/Consultants proposed to perform work or supply goods or services where such

Schedule D-1: Prime Contractor Affidavit-MBE/WBE Compliance Plan

performance does not directly relate to the performance of this contract:

- 1. Name of MBE/WBE: _____
Address: _____
Contact Person: _____
Phone Number: _____
Dollar Value of Participation \$ _____
Percentage of Participation % _____
Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: ____%
Total Participation % _____

- 2. Name of MBE/WBE: _____
Address: _____
Contact Person: _____
Phone Number: _____
Dollar Value of Participation \$ _____
Percentage of Participation % _____
Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: ____%
Total Participation % _____

- 3. Name of MBE/WBE: _____
Address: _____
Contact Person: _____
Phone Number: _____
Dollar Value of Participation \$ _____
Percentage of Participation % _____
Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: ____%
Total Participation % _____

- 4. Name of MBE/WBE: _____
Address: _____
Contact Person: _____
Phone Number: _____
Dollar Value of Participation \$ _____

Schedule D-1: Prime Contractor Affidavit-MBE/WBE Compliance Plan

Percentage of Participation % _____

Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l Percentage Claimed: ____%

Total Participation % _____

5. Attach Additional Sheets as Needed

III. Summary of MBE/WBE Proposal

A. MBE Proposal (Direct & Indirect)

1. MBE Direct Participation

MBE Firm Name	Dollar Amount Participation (\$)	Percent Amount Participation (%)
MGPG	\$105,000	.261%
Sutton Ford	\$960,000	2.370%
Boye Janitorial	\$48,000	.119%
Total Direct MBE Participation	\$1,113,600	2.75%

2. MBE Indirect Participation

MBE Firm Name	Dollar Amount Participation (\$)	Percent Amount Participation (%)
Total Indirect MBE Participation		

B. WBE Proposal (Direct & Indirect)

1. WBE Direct Participation

WBE Firm Name	Dollar Amount Participation (\$)	Percent Amount Participation (%)
Blue Daring	\$672,000	1.69%
Hallagan office Supply	\$96,000	.237%

Schedule D-1: Prime Contractor Affidavit-MBE/WBE Compliance Plan

Total Direct WBE Participation	\$768,000	1.896%
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2. WBE Indirect Participation

WBE Firm Name	Dollar Amount Participation (\$)	Percent Amount Participation (%)
Total Indirect WBE Participation		

Schedule D-1: Prime Contractor Affidavit-MBE/WBE Compliance Plan

The Prime Contractor designates the following person as its MBE/WBE Liaison Officer:
Andrew G. Schwartz 937 415-2913

(Name- Please Print or Type)

(Phone)

One or more owners or principals of the Prime Contractor () does / (x) does not have an ownership interest in any MBE or WBE listed in this Schedule D. Provide names of such individuals and their respective ownership percentages, and identify the MBE/WBE firms in which such ownership is held, or indicate "none." Add additional sheets if necessary:

none

I DO SOLEMNLY DECLARE AND AFFIRM UNDER PENALTIES OF PERJURY THAT THE CONTENTS OF THE FOREGOING DOCUMENT ARE TRUE AND CORRECT, THAT NO MATERIAL FACTS HAVE BEEN OMITTED, AND THAT I AM AUTHORIZED ON BEHALF OF THE PRIME CONTRACTOR TO MAKE THIS AFFIDAVIT.

Lion Totalcare, Inc.

(Name of Prime Contractor – Print or Type)

State of: Ohio


(Signature)

County of: Montgomery

Andrew G. Schwartz, Secretary and Corporate Counsel
(Name/Title of Affiant – Print or Type)

9/7/2022
(Date)

On this 7th day of September, 2022, the above signed officer Andrew G. Schwartz
(Name of Affiant)

personally appeared and, known by me to be the person described in the foregoing Affidavit, acknowledged that (s)he executed the same in the capacity stated therein and for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and seal.

(Notary Public Signature)

SEAL:

Commission Expires:

Additional Sheet – Schedule D1

5. Name of MBE/WBE: Hallagan office supply

Address: 6854 North Avenue

Contact Person: Jean Hallagan

Phone Number: 773-637-0368

Dollar Value of Participation

\$ 96,000

Percentage of Participation %

.237

Mentor Protégé Agreement (attach executed copy): () Yes () No Add'l

Percentage Claimed: %

Total Participation % .237



FOR
NON-CONSTRUCTION
PROJECTS ONLY

SCHEDULE C-1

MBE/WBE Letter of Intent to Perform as a
Subcontractor, Supplier, or Consultant

Project Name: _____ Specification No.: _____

From: Sutton Ford
(Name of MBE/WBE Firm)

To: Lion Group, Inc. and the City of Chicago.
(Name of Prime Contractor)

The MBE or WBE status of the undersigned is confirmed by the attached City of Chicago or Cook County, Illinois Certification Letter. 100% MBE or WBE participation is credited for the use of a MBE or WBE "manufacturer." 60% participation is credited for the use of a MBE or WBE "regular dealer."

The undersigned is prepared to perform the following services in connection with the above-named project/contract. If more space is required to fully describe the MBE or WBE proposed scope of work and/or payment schedule, including a description of the commercially useful function being performed. Attach additional sheets as necessary:

Acquisition for fleet leasing program of 3-4 vehicles per year

The above-described performance is offered for the following price and described terms of payment:

Payment in accordance with purchase orders

The undersigned will enter into a formal written agreement for the above work with you as a Prime Contractor, conditioned upon your execution of a contract with the City of Chicago, within three (3) business days of your receipt of a signed contract from the City of Chicago.

SUB-SUBCONTRACTING LEVELS

A zero (0) must be shown in each blank if the MBE or WBE will not be subcontracting any of the work listed or attached to this schedule.

0 % of the dollar value of the MBE or WBE subcontract that will be subcontracted to non MBE/WBE contractors.

0 % of the dollar value of the MBE or WBE subcontract that will be subcontracted to MBE or WBE contractors.

NOTICE: If any of the MBE or WBE scope of work will be subcontracted, list the name of the vendor and attach a brief explanation, description and pay item number of the work that will be subcontracted. MBE/WBE credit will not be given for work subcontracted to Non-MBE/WBE contractors, except for as allowed in the Special Conditions Regarding Minority Business Enterprise Commitment and Women Business Enterprise Commitment.

One or more owners or principals of the Prime Contractor () does / (x) does not have an ownership interest in the undersigned. Provide names of such individuals and their respective ownership percentages, or indicate "none." Attach additional sheets if necessary: _____

The undersigned has entered into a formal written mentor protégé agreement as a subcontractor/protégé with you as a Prime Contractor/mentor: () Yes (x) No

NOTICE: THIS SCHEDULE AND ATTACHMENTS REQUIRE ORIGINAL SIGNATURES.

(Signature of President/Owner/CEO or Authorized Agent of MBE/WBE) 9/20/22
(Date)

Kyle Mohrbach, Fleet Sales Director
(Name/Title-Please Print)

Kmohrbach@suttonford.com 708-720-8013
(Email & Phone Number)



FOR
NON-CONSTRUCTION
PROJECTS ONLY

SCHEDULE C-1

MBE/WBE Letter of Intent to Perform as a
Subcontractor, Supplier, or Consultant

Project Name: _____ Specification No.: _____

From: Boye Janitorial Services
(Name of MBE/WBE Firm)

To: Lion Group, Inc. and the City of Chicago.
(Name of Prime Contractor)

The MBE or WBE status of the undersigned is confirmed by the attached City of Chicago or Cook County, Illinois Certification Letter. 100% MBE or WBE participation is credited for the use of a MBE or WBE "manufacturer." 60% participation is credited for the use of a MBE or WBE "regular dealer."

The undersigned is prepared to perform the following services in connection with the above-named project/contract. If more space is required to fully describe the MBE or WBE proposed scope of work and/or payment schedule, including a description of the commercially useful function being performed. Attach additional sheets as necessary:

Janitorial and cleaning services

The above-described performance is offered for the following price and described terms of payment:

Janitorial services in an amount of up to \$500/month

The undersigned will enter into a formal written agreement for the above work with you as a Prime Contractor, conditioned upon your execution of a contract with the City of Chicago, within three (3) business days of your receipt of a signed contract from the City of Chicago.

SUB-SUBCONTRACTING LEVELS

A zero (0) must be shown in each blank if the MBE or WBE will not be subcontracting any of the work listed or attached to this schedule.

0 % of the dollar value of the MBE or WBE subcontract that will be subcontracted to non-MBE/WBE contractors.

0 % of the dollar value of the MBE or WBE subcontract that will be subcontracted to MBE or WBE contractors.

NOTICE: If any of the MBE or WBE scope of work will be subcontracted, list the name of the vendor and attach a brief explanation, description and pay item number of the work that will be subcontracted. MBE/WBE credit will not be given for work subcontracted to Non-MBE/WBE contractors, except for as allowed in the Special Conditions Regarding Minority Business Enterprise Commitment and Women Business Enterprise Commitment.

One or more owners or principals of the Prime Contractor () does / (x) does not have an ownership interest in the undersigned. Provide names of such individuals and their respective ownership percentages or indicate "none." Attach additional sheets if necessary: _____

The undersigned has entered into a formal written mentor protégé agreement as a subcontractor/protégé with you as a Prime Contractor/mentor: () Yes () No

NOTICE: THIS SCHEDULE AND ATTACHMENTS REQUIRE ORIGINAL SIGNATURES.

[Signature]
(Signature of President/Owner/CEO or Authorized Agent of MBE/WBE)

9/21/22
(Date)

Tony Adeboyejo, President
(Name/Title-Please Print)

tony_boyajanitorialservice@yahoo.com 773.779.3800
(Email & Phone Number)



SCHEDULE C-1
MBE/WBE Letter of Intent to Perform as a
Subcontractor, Supplier, or Consultant

FOR
NON-CONSTRUCTION
PROJECTS ONLY

Project Name: Specification No.:

From: Hallagan Office Supplies
(Name of MBE/WBE Firm)

To: Lion Group, Inc. and the City of Chicago.
(Name of Prime Contractor)

The MBE or WBE status of the undersigned is confirmed by the attached City of Chicago or Cook County, Illinois Certification Letter. 100% MBE or WBE participation is credited for the use of a MBE or WBE "manufacturer." 60% participation is credited for the use of a MBE or WBE "regular dealer."

The undersigned is prepared to perform the following services in connection with the above-named project/contract. If more space is required to fully describe the MBE or WBE proposed scope of work and/or payment schedule, including a description of the commercially useful function being performed. Attach additional sheets as necessary:

Office supplies

The above-described performance is offered for the following price and described terms of payment:

Up to \$1,000/month on office supplies

The undersigned will enter into a formal written agreement for the above work with you as a Prime Contractor, conditioned upon your execution of a contract with the City of Chicago, within three (3) business days of your receipt of a signed contract from the City of Chicago.

SUB-SUBCONTRACTING LEVELS

A zero (0) must be shown in each blank if the MBE or WBE will not be subcontracting any of the work listed or attached to this schedule.

0 % of the dollar value of the MBE or WBE subcontract that will be subcontracted to non MBE/WBE contractors.

0 % of the dollar value of the MBE or WBE subcontract that will be subcontracted to MBE or WBE contractors.

NOTICE: If any of the MBE or WBE scope of work will be subcontracted, list the name of the vendor and attach a brief explanation, description and pay item number of the work that will be subcontracted. MBE/WBE credit will not be given for work subcontracted to Non-MBE/WBE contractors, except for as allowed in the Special Conditions Regarding Minority Business Enterprise Commitment and Women Business Enterprise Commitment.

One or more owners or principals of the Prime Contractor () does / (x) does not have an ownership interest in the undersigned. Provide names of such individuals and their respective ownership percentages, or indicate "none." Attach additional sheets if necessary:

The undersigned has entered into a formal written mentor protégé agreement as a subcontractor/protégé with you as a Prime Contractor/mentor: () Yes () No

NOTICE: THIS SCHEDULE AND ATTACHMENTS REQUIRE ORIGINAL SIGNATURES.

Signature of President/Owner/CEO or Authorized Agent of MBE/WBE: Date: 9-19-2022

Name/Title-Please Print: Joan Hallagan owner

Email & Phone Number: hallagan@core.com 773 637 0626