



Riviera Beach Fire Rescue

LION NPP CONTRACT
PRICING INFORMATION

October 10th, 2020



★★★★★
MECO MUNICIPAL
★★★★★ EQUIPMENT
COMPANY • LLC



LION[®]
ready for action

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Quote



Entered Date	Taken By	Customer #	Order #
10/8/20	DW01	18100	418451-00
PO #		Requested Ship Date	Page #
		ASAP	1

Bill To CITY OF RIVIERA BEACH ACCOUNTS PAYABLE 600 W. BLUE HERON BLVD RIVIERA BEACH, FL 33404-4311	Ship To RIVIERA BEACH FIRE DEPARTMENT 600 W. BLUE HERON BLVD. RIVIERA BEACH, FL 33404	Correspondence To MUNICIPAL EQUIPMENT CO, LLC 408 BIF COURT EMAIL: SALES@MECOFIRE.COM PHONE (800) 228-8448 ORLANDO, FL 32809
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Instructions			
Ship Point	Via	Shipped	Terms
MUNICIPAL EQUIPMENT - FLORIDA	Fedex		NET 30 DAYS

Notes

Line	Product and Description	UPC Item	Order Quantity	Shipped Quantity	Qty UM	Unit Price	Price UM	Amount(Net)
1	CVBM-32 JANESVILLE V-FORCE BI-SWING COAT, 32" LENGTH, WITH REDZONESMOKE RESISTANT UPGRADE, PER SPECIFICATION LIST PRICE \$3596.25	00000	76.00	76.00	each	1,774.50	each	134,862.00
2	PVFM JANESVILLE V-FORCE LOW RISE PANT WITH SUSPENDER WITH REDZONE SMOKE RESISTANT UPGRADE, PER SPECIFICATION LIST PRICE \$3362.10	00000	76.00	76.00	each	1,717.80	each	130,552.80
3	M Memo: PRICE PER NPPGOV CONTRACT RIVIERA BEACH NPPGOV MEMBER #M- 5709995 NPPGOV DISCOUNT 35% OFF LIST COAT \$3425.00 PANT \$3202.00	00000	1.00	1.00	EA	0.00	EA	0.00
5	LIOHD395142 LION REDZONE PARTICULATE HOOD - BLACK NPP CONTRACT PRICE FOR HOOD LIST PRICE - 15% LIST PRICE IS \$129.00	00000	100.00	100.00	EA	98.00	EA	9,800.00
6	M Memo: PRICES QUOTED INCLUDE FREIGHT - QUOTE EXPIRES ON 11/8/20	00000	1.00	1.00	EA	0.00	EA	0.00

5 Lines Total	Total Order Quantity	254.00	Subtotal	275,214.80
			Taxes	0.00
			Total	275,214.80

SETTING THE BAR FOR PARTICULATE PROTECTION.



No ingress at
turnout coat,
pant, glove, boot
interfaces and
closures

featuring
Nomex[®] Nano
Nomex[®] Nano Flex

Contaminant Control Package

RED ZONETM

GET READY TO STEP INTO THE

ready for action





LION[®]
ready for action

YOU ARE NOW ENTERING THE

RED ZONETM

Contaminant Control Package

When you arrive on the scene of a fire, your personal protective equipment (PPE) is immediately exposed to a number of toxic chemicals – exposure that can result in serious health problems. That includes cancer, which is currently the leading cause of U.S. firefighter deaths. With that fact in mind, LION has developed **RedZoneTM**, our exclusive, contaminant control package, which is **certified to meet NFPA 1971**.



Closure Guard



Arm Guard



Developed in partnership with the **U.S. Department of Homeland Security (DHS)** and **North Carolina State University's Textile Protection and**

Comfort Center, RedZone, the only gear tested

ready for action



RED ZONE™

Contaminant Control Package

FULL PACKAGE INCLUDES

ZONE 1 : Particulate-Blocking Hood

ZONE 2 : Arm Guard

ZONE 3 : Core Guard

ZONE 4 : Closure Guard

ZONE 5 : Leg Guard

A LION turnout coat and pant with:

Questions?

For questions about our RedZone Contaminant Control Package, contact your LION sales representative or visit www.lionprotects.com/redzone.



06/20



No ingress at
turnout coat,
glove, boot
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closures

SETTING THE BAR FOR PARTICULATE PROTECTION.

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Particulate Protective Ensemble

Brand:

Lion First Responder PPE Inc DBA LION

Verify ID:

B950426

Expiration date:

June 19, 2019 - June 19, 2021



**No ingress at
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closures**



Product Information

RedZone Contaminant Control Package

In conjunction with Department of Homeland Security (DHS) Science and Technology Directorate (S&T) and in partnership with the North Carolina State University Textile Protection and Comfort Center (TPACC), LION developed a structural turnout with enhanced protection from hazardous particulates contained in smoke and soot that may infiltrate the ensemble interfaces, the [Redzone Contaminant Control Package](#).

The particulate blocking ensemble:

- Blocks particulate ingress at key interface areas (turnout coat, pant, glove boot interfaces and closures) as confirmed by the Particle Inward Leakage Test (section 7.20.1.1 NFPA 1971, 2018 Ed) and shows less than 1 microgram exposure over the entire ensemble.
- Performs consistently with existing LION turnout standards for heat stress management and mobility.
- NC State sweating manikin results were used to calculate THL (Total Heat Loss) performance for the baseline V-Force garment and the garment with RedZone particulate blocking enhancements. Comparisons show no discernable difference between the two garments.
- Requires no change in donning/doffing procedures

- Certified to meets NFPA 1971; 2018 ed.

RedZone coat and pants offer the following particulate blocking features:

- Elasticized wrist shields and enhanced IsoDri® knit wristlets with Nomex® Nano Flex block particulates at the coat-to-glove interface.
- A Nomex® Nano multilayered composite with an elasticized band that blocks particulate ingress at the coat-to-pant interface.
- A closure guard that engages with just one zip. No extra steps to don the gear. Red hook and loop indicate when turnout coat is properly closed.
- An elasticized ankle shield and Nomex® Nano Flex calf protector help block particulate exposure at the pant-to-boot interface.
- Pair the RedZone turnout with the RedZone particulate blocking hood for additional exposure reduction. The Redzone Hood is a breathable, ultra-soft hood with StedAir Prevent that helps protect the head and neck from particulates, while also providing excellent mobility and unrestricted hearing during firefighting activities.

All of the protective features added to the V-Force® garments can be retrofitted into existing V-Force turnout gear.

"Laboratory tests, including tests to determine vapor infiltration and fluorescent particle tests, were critical to demonstrating that both approaches prevent smoke and particulates from reaching the firefighter's skin, protecting them from hazardous vapors and materials. In addition, testing using TPACC's PyroMan® and physiological manikins proved the new approaches offer improved flashfire protection and similar comfort level when compared to standard turnout gear." – DHS FACT SHEET

DHS PRESS RELEASE (Nov 1, 2017) - New Turnout Ensemble Aims to Reduce Firefighter Cancer Risk "We worked with TPACC and LION to develop turnout ensemble garments that afford firefighters the same level of fit, functionality and comfort as their existing turnout gear with added protection from particulate infiltration at garment interfaces."

DHS FACT SHEET (Oct 6, 2017) - Smoke and Particulate Resistant Structural Turnout Ensemble Fact Sheet "By reducing the potential for chronic dermal exposures to toxic fireground compounds, over time this ensemble and the technologies developed during this research will help to improve the well-being and safety of firefighters."

** This information was provided by Lion First Responder PPE Inc DBA LION and may contain additional information outside the scope of this Claim Verification.*

Applicable To:

LION V-Force with RedZone Contaminant Control Package, A-RedZone (Coat): CVBM or CVFM, A-RedZone (Pant): PVFM or PVHM

Marketing Claim Verified by UL

No ingress at turnout coat, pant, glove, boot interfaces and closures

Verification Method

Testing per NFPA 1971, Optional standard for Liquid and Particulate Protective Ensemble.

About the Manufacturer

LION is an American, family-owned, fourth generation company founded in 1898 that is focused on fulfilling the personal safety, readiness, and identity needs of firefighters and emergency first responders worldwide. LION's long history of pioneering safety innovations for the fire service means it protects more major metropolitan fire departments than any other company in the U.S. LION also offers an assortment of PPE products, TotalCare® services for firefighter PPE cleaning, inspection, and repair, as well as a wide variety of smart training props and solutions.

What is UL Verification?

UL Verification is an objective, science-based assessment that confirms the accuracy of marketing claims. Our independent assessment process scrutinizes the validity of specific advertising or promotional statements, giving you a way to separate verified fact from fiction.