

Quote from Escambia County

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Quote Request: Fire Department Bunker Gear / Trial Gear

Deadline: 1/25/2019 1:00 PM (Central Standard Time)

Status: Published

Quote Number: FIRE-011519

Description:

Escambia County Fire Rescue is seeking general specifications for new bunker coat & pants.

REVISION - 1-17-19 - Please be advised that a quoted price for the specified gear contained within the documents is required. The pricing should include the items listed in the document ECFR Gear Specs which includes (coat, pants, suspenders). The request for a quoted price was not originally placed in the submission. As a result, the closing date has been revised to 01/25/2019.

Products:

- Fire Protection Clothing (Turnout Coats, Bunker Pants, Hoods, Gloves, Etc.) (See 345-56 For Fire Helmets)
- Lockers, Turnout Gear

OUTER SHELL

The outer shell color shall be black for all components.
The material for the outer shell shall be Armor AP made by Safety Components.

COMPLY _____ EXCEPTION _____

MOISTURE BARRIER

The moisture barrier material must be Stedair 4000, made by Stedfast.

COMPLY _____ EXCEPTION _____

THERMAL BARRIER

7.4 oz Glide Ice 2-Layer

Glide Ice 3.6 oz/yd² face cloth consisting of 60% DuPont™ Nomex® filament and 40% DuPont™ Nomex®/Lenzing FR spun yarns quilted to 2 layers of DuPont™ Nomex® E89™ spunlace – 2.3 oz. Yd² and 1.5 oz/ yd².

COMPLY _____ EXCEPTION _____

HARDWARE

Snaps shall be prong type. Stitching of all long pieces of hook and loop shall be done with a triple row of lock stitching. Stitching of all short pieces of hook and loop shall be done with a single row of lock stitching around the edges with an "X" in the center. All hook and loop larger than one (1) inch shall have rounded corners.

COMPLY _____ EXCEPTION _____

COAT SPECIFICATIONS

LINER CONSTRUCTION

7.4 oz Glide Ice 2-Layer

Glide Ice 3.6 oz/yd² face cloth consisting of 60% DuPont™ Nomex® filament and 40% DuPont™ Nomex®/Lenzing FR spun yarns quilted to 2 layers of DuPont™ Nomex® E89™ spunlace – 2.3 oz. Yd² and 1.5 oz/ yd².

COMPLY EXCEPTION _____

COLLAR

The collar shall have a hanging loop made of the specified outer shell. The loop shall measure a half inch (1/2) wide and have a usable width of three (3) inches and shall be capable of holding the weight of the garment when completely soaked with water, without tearing away from the garment.

Collars of single height are not considered acceptable to this department.

COMPLY EXCEPTION _____

SLEEVES

Coat designs with sleeve seams that come in contact with the coat body are not considered acceptable by this department.

COMPLY EXCEPTION _____

ANGLED CUFFS

The sleeve cuffs shall be cut at an angle so that the top of the cuff is longer than the bottom to provide additional overlap of the cuff over the glove interface and provide additional protection while providing unrestricted range of motion.

Coat designs without angled cuffs are not considered acceptable by this department.

COMPLY ✓ EXCEPTION _____

CUFF REINFORCEMENT

The sleeve cuffs shall be reinforced with black polymer coated aramid material. The reinforcement shall include a Nomex® cording to prevent stress points on the reinforcement material and reduce abrasion and repairs. The reinforcement material shall be sewn inside the outer shell to prevent thread abrasion and repairs. Reinforcement shall extend no less than 2” from the base of the cuff.

COMPLY ✓ EXCEPTION _____

GLOVE INTERFACE

The interface shall be a long Nomex® knit wristlet with a thumb tab loop.

COMPLY ✓ EXCEPTION _____

LION THUMBLOOP IS A KEVLAR/
NOMEX WITH ISODRI.

COAT CLOSURE SYSTEM

The positive closure system shall consist of a heavy-duty zipper. The positive closure shall be covered by an internal flap to prevent liquids and contaminants from entering the jacket. The closure shall be completed by an external storm flap extending from the bottom of the jacket to the top of the collar, to prevent any gaps in the throat area. The storm flap and throat closure shall be constructed of three (3) layers: two (2) layers of outer shell and one (1) layer of moisture barrier. The flap shall be fastened to the front of the jacket by means of four (4) hooks and D-Rings. The D-Rings shall be distributed evenly along the edge of the storm flap and attached with rivets. The Hooks shall be set on the left side panel of the coat to match the D-Rings from the storm flap.

The moisture barrier in storm flap shall be the SAME as the moisture barrier selected in the MOISTURE BARRIER section of this specification. Use of moisture barrier other than that specified in the MOISTURE BARRIER section are not considered acceptable by this department.

COMPLY ✓ EXCEPTION _____

OUTER SHELL REMOVABLE PATCH (4"X17")

A patch for lettering constructed of outer shell fabric shall be installed on the back portion of the jacket and secured to the lowest part of the back of the jacket with the use of snaps and/or Velcro/hook and loop. This patch shall measure approximately four (4) inches high by seventeen (17) inches wide. This patch shall be used for end users name to be placed on the patch with letters made of the same material outlined for reflective material in this spec.

COMPLY _____

EXCEPTION _____



Our Standard Name Tail is 5"x18"

Department name designation

On the back of the coat at the top shall be the letters (**E C F R**) oriented in the center, straight across the shoulders with no less than 3" lettering made of the same material outlined for reflective material in this spec.

COMPLY _____



EXCEPTION _____

MICROPHONE / P.A.S.S. LOOP

A loop for a microphone or P.A.S.S. alarm shall be installed above the radio pocket. The loop shall be one (1) inch high and have an opening of approximately one inch and three quarters (1-3/4) of usable space and be made of the specified outer shell. The loop shall be bartacked at each end to the front of the jacket.

COMPLY _____



EXCEPTION _____

FLASHLIGHT HOLDER

The coat shall have an adjustable loop made of outer shell. The loop shall measure eleven (11) inches long and be attached to the outer shell with bartacks leaving an opening of approximately one inch and a half (1-1/2). The loop shall close onto itself with the use of hook and loop fastener. The coat shall also have a metal clip riveted above the loop. This will be located on the right chest of the coat.

COMPLY _____



EXCEPTION _____

PANT SPECIFICATIONS

REGULAR WAIST

The pant shall be of regular waist design. The circumference of the waist shall allow the wearer to pull his or her pants up without restriction. The front to the pant shall be graded with the waist size to provide appropriate overlap with the coat. The back to the pant shall be graded with the waist size to provide appropriate overlap with the coat.

COMPLY EXCEPTION _____

OUTER SHELL CONSTRUCTION

The material for the outer shell shall be Armor AP made by Safety Components.

COMPLY EXCEPTION _____

LINER CONSTRUCTION

7.4 oz Glide Ice 2-Layer

Glide Ice 3.6 oz/yd² face cloth consisting of 60% DuPont™ Nomex® filament and 40% DuPont™ Nomex®/Lenzing FR spun yarns quilted to 2 layers of DuPont™ Nomex® E89™ spunlace – 2.3 oz. Yd² and 1.5 oz/ yd².

The liner shall not use any form of Velcro or hook and loop system to attach to the outer shell. Zippers or snaps are acceptable. The liner pattern must match the same pattern as the outer shell.

Two additional layers of thermal barrier shall be sewn in the knee area for increased CCHR protection.

COMPLY EXCEPTION _____

PANT CLOSURE SYSTEM

The positive closure system shall consist of hook and loop style closure. The storm flap shall be held closed with clasp and D-ring. Belt and storm flap shall close on the same side.

The pant shall have a removable class I belt. The belt shall be passed through seven (7) belt loops fixed on the pants. The belt loops shall be made of outer shell and shall be installed at the waist area of the pants. Each belt loop shall have an opening large enough for a belt and shall be secured to the pant with lock stitching and bartacks on one end and snaps on the other end.

COMPLY EXCEPTION _____



Department:

Escambia County Fire Rescue
Chief Norm Robinson
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Pensacola, FL 32505

Dealer Hdqtrs.

Municipal Equipment Company
Robert Gonzales
2049 W. Central Blvd
Orlando, Florida 32805
United States

Reference # PSGQ18211-A
Dist Sls Mgr Michael Greever
Sales Coord. Jay Salyers
Prepared By Jay Salyers
Start 1/21/2019
Expiration 5/31/2019

QUOTE

Document Name EscambiaCoFL_Quote_MECO

Freight Terms DELIVERED

Shipment ARO STD - Confirm when placing order

Ship Via Fed Ex Ground

Delivery within 48 contiguous states prepaid by LION

PSGQ18211-A Please reference this Quote Number on your Purchase Order

Ln #	Qty	Description	MFGR Part #	Unit Price	Ext. Price
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1 1
*** Custom Turnout Coat - 2018 ***

2 **Coat Model / Design** V-Force®
Bi-Swing Coat

LION® Turnout V-Force® Bi-Swing Coat

3 **Coat Model / Design** CVBM/F **Price: \$1,331.15**

MALE 29" (CVBM-29), 30.5" (CVBM-305), 32" (CVFM-32), 33.5" (CVBM-335) & 35" (CVBM-35); FEMALE 29" (CVBF-29) & 32" (CVBF-32)

4
5 **Coat Liner & Moisture Barrier** K4 - Vented
Vented 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

6 **Coat Inner Yoke Reinforcement** LYR233

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

7 **Coat Water Well** CLW227SZ

(Std) Chambray DWR 2-Layer AraFlo E89 Quilt with Chambray face cloth//StedAir 4000 with 1" elastic wrist shield. Waterwell with zipper liner/shell interface. - V-Fit

8 **Coat Wristlets** CLW758

6" isodri wristlet sew to liner system with 5/8"x3 1/4" nomex webbing thumbloop.

9 **Coat Outer Shell Material** Armor AP

Armor AP, 6.5 oz, BLACK

PSGQ18211-A Please reference this Quote Number on your Purchase Order

Ln #	Qty	Description	MFGR Part #	Unit Price	Ext. Price
10		Reflective Trim	CTH10RP3Y		
		3" Yellow Diamond Oralite (Reflexite) Ventilated Trim reflective trim, around contoured hem, 4 rows lockstitch for V-force coat.			
11		Reflective Trim	CTB29RP3Y		
		3" Yellow Diamond Oralite (Reflexite) Ventilated reflective trim. 2 angled strips set from chest to hem trim - 4 rows lockstitch for V-force coat.			
12		Reflective Trim	CTC9RP3Y		
		3" Yellow Diamond Oralite (Reflexite) Ventilated reflective trim around coat cuff, 4 rows lockstitch - for V-Force Bi-Swing			
13		Reflective Trim	CTCH7RP3Y		
		3" Yellow Diamond Oralite (Reflexite) Ventilated reflective trim, across stormflap, around chest & back completely, 4 rows lockstitch.			
14		Drag Rescue Device	BHS020		
		(Std) DRD: Firefighter Recovery Harness with 2" welt and 5.25x2.25" flap with rounded corners. 1 piece 1x2" loop for harness storage. 2 pieces 1x2" loop on shell flap closure, 2 pieces 1x2" hook on flap. 1 piece 1.5x2" hook on harness. 1 piece 2x2" loop underneath chest trim for harness storage, 1 pair 1x3.5" self-fabric straps with 1x2" hook and loop. The loop handle shall have a silver retro-reflective LION logo patch.			
15		Coat Shell Attachment	CSA709		
		(Std) 1x2" 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)			
16		Coat Collar	CR236SZ		
		3" split self fabric collar with STEDAIR 4000 lined. Zippper for liner attachment. 1.5x4" hook&loop for front closure. V-Fit			
17		Collar Flashing	CLF221SZ		
		3" Self fabric, STEDAIR 4000 lined split collar with zipper. Use with CR236 & CR237			
18		MISC. Fasteners	MF012		
		3/4" x 4" Hook sewn to shell collar for the coat liner inspection system. Hook to be placed on the center notch of top collar.			
19		Coat Cuff Reinforcement	CC722Z-BLK		
		Black Polymer coated aramid cuff reinforcements - Non standard sleeve opening (1" wider than standard) - V-Fit			
20		Coat Elbow Reinforcement	EB517		
		(Std) Contoured self fabric elbow patch - no padding, V-Force Bi-Swing			
21		Coat Shoulder Reinforcement	SC715		
		(Std) Self fabric shoulder caps			
22		Coat Closure System	SF260S		
		2.5" Storm flap (square corners) with two layers of self-fabric and STEDAIR 4000, thermo plastic zipper in. Hook&Dee out (Zipper in, (4) 701s on coat front, (4) D-Rings on stormflap) with poly-coated aramid tab for V-Force Bi-Swing coat.			

Ln #	Qty	Description	MFG Part #	Unit Price	Ext. Price
23		Coat Pockets			
24		Turn-Out Pockets	SBP???		
		(2) >>> NEW PART PENDING AWARD??? REQUEST ID ____ . 9x8x2" Semi Bellow pocket with pleat fully lined all 4 sides inside with PCA, PCA 2" UP OUTSIDE, with 2 pieces 1.5x3" loop on pocket, 1.5x3" hook on flap. 2 layers GIC/E88 foam inside flap corner 1x2" PCA pull tab.			
		SBP623: 9x8x2" Semi Bellow pocket with pleat fully lined al 4 sides with KEVLAR® twill with 2 pieces 1.5x3" loop on pocket, 1.5x3" hook on flap. 2 layers GIC/E88 foam inside flap corner 1x2" PCA pull tab.			
25		Item Location for Above	PKTLOC-FOHP		
		Front bottom- Left & Right			
26		Turn-Out Pockets	RP511		
		3.5x9x2" Radio pocket with polycotton fully lined all 3 sides inside pocket, 1pc. 1x2" loop on pocket & 1pc. 1x3.5" hook on flap set 1.25" from serged end of flap. Antenna notch on flap.			
27		Item Location for Above			
		Chest Left; notch left. RECEIVES PKTM003			
28		MISC	PKTM003		
		^ 1x2" PCA pull tab set on square corner of flap			
29		Emblem	EM1		
		2x3" American Flag Emblem (Stars on upper left corner)			
30		Item Location for Above			
		Sleeve Left			
31		Flashlight Holder	FLS521		
		1x10" 2 layers self fabric flashlite strap X-stitched to shell with 1x3" hook and loop.			
32		Item Location for Above			
		Right Chest just above chest trim; MF003 to be above.			
33		Lettering Patches	LP34		
		5x18" contoured 2 layer self fabric one line letter patch to be attached to hem of coat.			
34		Lettering Patch Attachment	LPS6		
		(Snaps Only): 1 male snap at top corners of letter patch & 2 female logo snaps on inside of shell to align with the male snaps = 2 male & 2 female nonlogo snaps.			
35		Lettering Patch Attachment	LPV13		
		(For LP34): There shall be 1.5x18" hook sewn to top edge of 5x18" patch and 1.5x18" loop sewn with while thread through the trim to coat back inside at hem.			
36		Sewn On Lettering	LTRP3YNS		
		Sewn On 3" Lime/Yellow Reflexite® Diamond Plated Letters (each line) 6 - 12 Alpha Numeric Name Characters			

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Ln #	Qty	Description	MFGR Part #	Unit Price	Ext. Price
37		Lettering Lettering shall be for FF Last Name.			
38		Location for Lettering On above LP49 patch			
39		Sewn On Lettering Sewn On 3" Lime/Yellow Reflexite® Diamond Plated Letters (each line) max 5 Alpha Numeric ID Characters	LTRP3YIS		
40		Lettering Lettering to read - ECFR			
41		Location for Lettering Arched on yoke			
42		MISC. Fasteners Utility Snap Hook (reverse snap riveted to coat shell)	MF003		
43		Item Location for Above Chest Right 4" above FLS521.			
44		Mic Tab (2) 1x3" triple layer self fabric mic tab bartacked each end.	MT503		
45		Item Location for Above (1) right chest above MF003; (1) Left Chest above RP.			
46		Hanger Loop (Std) 5/8" x 5 1/2" Self fabric hangerloop.	HL02		
47	1	*** Custom Turnout Pants - 2018 ***			
48		--- INCLUDES SUSPENDERS ---			
49		Pant Model / Design LION® Turnout V-Force® Pant	PVFM/F	Price:	\$1,189.05
50					
51		Pant Liner & Moisture Barrier 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	K4 - Traditional		
52		Liner Inspection System (Std) Pant liner inspection system with 1x3" loop located at right side of liner waist.	PLO200		
53		Liner Interface ^ Zipper liner/shell interface.	PLF004Z		

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Ln #	Qty	Description	MFGR Part #	Unit Price	Ext. Price
54		Pant Outer Shell Material Armor AP, 6.5 oz, BLACK	Armor AP		
55		MISC. Fasteners (Std) 1x3" hook sewn to right shell front for the pant liner inspection system.	MF018		
56		Pant Fly Closure Right Side Fly: Wide angled fly with STEDAIR 4000, thermo plastic zipper closure, 1.5" FR hook and loop double stitched to fly flap closure, 3/4" hook underneath. V-Fit	FLY231SZ-R		
57		Snap Attachment Snap attachment pant - 9 non-logo on shell waistband, 9 male on liner for waistband attachment and 2 male snaps on each liner leg	SAP201		
58		Hook & Dee Hook and dee ring closure, rivet directly to shell with leather backing	TUP016		
59		Take Up Straps 1 pair 1/2" x 8 1/2" self fabric postman take-up straps, 2 bartacks each strap and 5/8" postman slides.	TUP506		
60		Leg Tabs (Std) 2 Grey Leather leg tabs per leg with non-logo female snaps.	LGT000-GRY		
61		Pant Knee Reinforcement Black Poly coated aramid contoured knees with 2 layers Lite-N-Dri padding and 1 layer silicone foam padding.	KP243-BLK		
62		Pant Cuff Reinforcement Black Poly-coated aramid pant cuffs and 3x3.5" kick shield.	PC504-BLK		
63		Boot Cut "Boot cut" pant legs.	PMO542		
64		Belts and Harnesses 1983 Certified Escape Belt; FI6140014 - S/M 26-34, FI6141014 - L/XL 36-42, FI6142014 - XXL 44-50.	BHS021		
65		>>> BHS021 REPLACES STD BHS013	NO STD BL		
66		Belts and Harnesses 7 SELF FABRIC BELT LOOPS – 4 BELT LOOPS MADE USING 2 SEP 1X2.5" STRAPS THAT CLOSE W/ 1X2" HK & LP, MALE & FEMALE LOGO SNAPS. BARTACKED 1.5" DOWN FROM TOP OF PANT. 3 BELT LOOPS 3" WIDE BY 3.5" HIGH DOUBLED STITCHED TO PANT & BARTACKED AT ALL 4 CORNERS 1" DOWN FROM TOP OF PANT. SEE DRAWING FOR BELT LOOP PLACEMENT.	BL059		
67		Instructions for Above >>> BL059 REPLACES LOOPS (BL007)	SPECIAL INSTRUCTIONS		

Please note that the liner has one layer of Lite-N-Dri. This will meet your spec.

Ln #	Qty	Description	MFGR Part #	Unit Price	Ext. Price
68		Belts and Harnesses	BL060		
		^^ 2 - 2X5" SELF FABRIC BELT LOOPS W/ 2X1.5" HOOK & LOOP, SET BELT LOOPS 2" DOWN FROM TOP OF PANT HORIZONTALLY. 1 BL SET ON FLY, OPENS TOWARD THE LEFT. 1 BL SET 2.5" OVER FROM FLY ON LEFT SIDE, BL OPENS TOWARD THE RIGHT. SEW THRU LOOP & ADD 4 BARTACKS. SEE DRAWING.			
69		Pant Pockets			
70		Turn-Out Pockets	FBP????		
		>>> NEW PART PENDING AWARD REQUEST ID ?????: 10x10x2" Full Bellow Pocket with PCA up 5" on outside of pocket, fully lined all four sides with PCA. Two additional layers of outer shell lined with KEVLAR® on shell inside. First layer 6.5" high, second layer 4.5" high, both layers stitched in 3.33" increments to create 6 compartments. 11.75X8.5" CLOSURE FLAP WITH CYLINDER OF 8.5X1" PADDING INSIDE ACROSS BOTTOM FOR HAND GRAB. 1 piece 2x9" loop on pocket, 3 pieces 1.5x3" hook on flap.			
		FBP1015: 10x10x2" Full Bellow Pocket with PCA up 5" on outside of pocket, fully lined all four sides with KEVLAR®. Two additional layers of outer shell lined with KEVLAR® on shell inside. First layer 6.5" high, second layer 4.5" high, both layers stitched in 3.33" increments to create 6 compartments. 1 piece 2x9" loop on pocket, 3 pieces 1.5x3" hook on flap.			
71		Item Location for Above	PKTLOC-TL		
		Left thigh; to receive Trim; set so vertical trim lines-up to leg trim.			
72		Reflective Trim	PKTV1RP3Y		
		3" Yellow Diamond Reflexite Ventilated Reflective trim vertically on full bellow pocket & flap extending from top of pocket flap to bottom of pocket. Pant pockets only.			
73		Turn-Out Pockets	BDP???		
		>>> NEW PART PENDING AWARD REQUEST ID ?????: 10x10x2" split bellow pocket with PCA twill fully lined 4 sides inside pocket and PCA 5" up outside on pocket. CLOSURE FLAP WITH CYLINDER OF 8.5X1" PADDING INSIDE ACROSS BOTTOM FOR HAND GRAB. 1 piece 1.5x10" loop on pocket, 2 pieces 1.5x2.75" hook on flap.			
		BDP933: 10x10x2" split bellow pocket with KEVLAR twill fully lined 4 sides inside pocket, PCA 5" up outside on pocket. 1 piece 1.5x10" loop on pocket, 2 pieces 1.5x2.75" hook on flap.			
74		Item Location for Above	PKTLOC-TR		
		Right thigh; to receive Trim; set so vertical trim lines-up to leg trim. Split 60F/40R.			
75		Reflective Trim	PKTV1RP3Y		
		3" Yellow Diamond Reflexite Ventilated Reflective trim vertically on full bellow pocket & flap extending from top of pocket flap to bottom of pocket. Pant pockets only.			
76		Reflective Trim	PTC4RP3Y		
		3" Yellow Diamond Reflexite Ventilated Reflective trim around leg bottoms- 4 rows lockstitch.			

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Ln #	Qty	Description	MFGR Part #	Unit Price	Ext. Price
77		Reflective Trim	PTS3RPY		
		3" Yellow Diamond Reflexite Ventilated Reflective trim extending from waist to hem centered at outside seam position, 4 rows lockstitch.			
78		Suspender Tabs	PMO210		
		Four 2" wide self material suspender tabs with 1.75x3" leather reinforcement. 2 male and 2 female logo snaps, attached to waist with 2 on the front and 2 on the back. Reinforced with 2 bartacks on each tab.			
79		Suspenders	SR842X		
		42" V-BACK quick adjust padded suspenders, 2"Metal Loops Only - Red; APPLIES TO ALL AVAILABLE LENGTHS.			

TOTAL PRICE \$2,520.20