

# FLIGHT SUIT EXAMPLE

10F2

## ATTACHMENT U – ONE PIECE SPECS

- 5.5 oz. Black fabric European Blend Nomex.
- Round Collar.
- Triple stitching.
- Epaulets with Velcro on epaulet and hook on shoulder.
- 2x4 Velcro name tag holder on right breast side above pocket.
- 3x3 round Velcro MSP badge holder on left breast side above pocket.
- Top pocket to be American cut at a 45 degree angle.
- 4x4 Velcro for MSP patch on left and right sleeve approximately ½ inch and center from shoulder seam.
- YKK Zippers with pull tab on main zipper.
- Zipper pocket on left shoulder sleeve approximately ½ inch below 4x4 Velcro with 2 pen pocket holder on the outside of pocket.
- 2x2 Velcro on bottom and center on left pen pocket.
- Internal Elastic Velcro waist adjustment strap.
- Kevlar Knee reinforcement with removal padding.
- 3 Pen pocket holder on right leg pocket.
- 6x7 cell pocket with Velcro flap on left leg main pocket.
- Bottom leg zippers to the rear of flight suit.
- DOT Dyed Nomex III (#3).
- 2 year warranty against fading and loose stitching.
- Bottom leg zippers on rear of flight suit.
- American standard size.

## ATTACHMENT V – TWO PIECE SPECS

- 5.5 oz. Black fabric European Blend Nomex.
- Round Collar.
- Triple stitching
- Epaulets with Velcro on epaulet and hook on shoulder.
- 2x4 Velcro name tag holder on right breast side above pocket.
- 3x3 Velcro MSP badge holder on left breast side above pocket.
- Top pocket to be American cut at a 45 degree angle.

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- 4x4 Velcro for MSP patch on left and right sleeve approximately 1/2 inch and center from shoulder seam.
- YKK Zippers with pull tab on main shirt zipper.
- Pocket on left shoulder sleeve 3 1/2 inches below seam, with Velcro on flap and pocket with a 3 pen pocket holder inside of pocket.
- 2x2 Velcro on bottom and center on left pen pocket.
- Pocket on right shoulder sleeve 3 1/2 inches below seam, with Velcro on flap and pocket with a 3 pen pocket holder inside of pocket.
- Belt loops.
- Re-enforced button on pants.
- Kevlar Knee reinforcement with removal padding.
- 3 pen pocket holder on right bottom leg pocket.
- 6x7 cell pocket with flap on left bottom leg main pocket.
- Dot Dyed Nomex III (#3)
- 2 year warranty against fading and loose stitching.
- Bottom leg zippers on rear of flight suit.
- American standard size.

**ATTACHMENT W – STANDARD SIZE CHART**

TWO PIECE SIZE	TROUSERS		COATS/SHIRTS	
	WAIST	INSEAM	HEIGHT	CHEST
XS-R Extra Small Regular	23 - 27	29½ - 32½	67 - 71	UP TO 33
S-S Small Short	27 - 31	26½ - 29½	63 - 67	33 - 37
S-R Small Regular	27 - 31	29½ - 32½	67 - 71	33 - 37
S-L Small Long	27 - 31	32½ - 35½	71 - 75	33 - 37
M-S Medium Short	31 - 35	26½ - 29½	63 - 67	37 - 41
M-R Medium Regular	31 - 35	29½ - 32½	67 - 71	37 - 41
M-L Medium Long	31 - 35	32½ - 35½	71 - 75	37 - 41
L-S Large Short	35 - 39	26½ - 29½	63 - 67	41 - 45
L-R Large Regular	35 - 39	29½ - 32½	67 - 71	41 - 45
L-L Large Long	35 - 39	32½ - 35½	71 - 75	41 - 45

**Police Dispatcher Uniforms**

**A. MINIMUM QUALIFICATIONS**

1. Bidder shall be an authorized distributor of the 5.11 products, or equivalent if applicable, in order to comply with warranty terms. Proof of authorization shall be provided in the form of a letter on manufacturer's letterhead signed by an authorized representative of the manufacturer or an email sent from the manufacturer's company email address.
2. Bidder shall have no less than three (3) years' experience in providing products that are equal to or comparable to the scope and magnitude required by the specification. References shall be submitted on Attachment F.

**B. GENERAL REQUIREMENTS**

1. Bidders must enclose evidence (dated manufactures' catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within ten (10) days of contract start date for agency approval.
2. Garment must be ANSI/ISEA 107-2004 Class III 3<sup>rd</sup> Party Certified.
3. Garments must be manufactured to ISO 9001 quality assurance standard (AG2304).
4. Bidder must state manufacturer, product number, and available sizes in the comment section of your bid response.
5. Contractor shall be required to schedule and perform regular uniform fittings to include taking and documenting measurements, at the request of the Maryland Transportation Authority Police Representative(s). The fittings will be scheduled at one (1) of three (3) MDTA Police Baltimore Metropolitan locations between the hours of 8:00 a.m. and 8:00 p.m. Monday through Friday, except State Holidays. The exact location will be provided when fittings are scheduled.
6. Where a brand name or approved equal is specified, determination of whether a product is equal to a specified brand name shall be at the sole discretion of the MDTA Police.

**C. DETAILED SPECIFICATIONS**

1. **5.11 Tactical Men's Taclite® Pro Pants or approved equal**

COLORS:

- Black and Dark Navy

MATERIALS:

- Polyester: 65% and Cotton: 35%; Taclite ripstop or approved equal fabric

DESIGN AND CONSTRUCTION

- Bartacking at major seams and stress points
- Triple-stitching
- Durable and high-performance
- Double-reinforced seat and knees

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- Belt loops: sturdy, approximately two (2) inches to fit the 1.5 inch belt specified below.
- Action or approved equal waistband
- Gusseted construction
- Hip-mounted D-ring
- Strap-and-slash seat pockets
- Teflon finish
- Yoshida Industries Limited (YKK®) or approved equal zippers
- Prym® or approved equal snaps
- Hemmed
- Sizes:
  - Men's Waist (Inches): 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54
  - Length (Inches): 30, 32, 34, 36

**2. 5.11 Tactical Women's Taclite® Pro Pants or approved equal**

COLOR:

- Black and Dark Navy

MATERIALS:

- Polyester: 65% and Cotton: 35%; Taclite ripstop or approved equal fabric

DESIGN AND CONSTRUCTION

- Bartacking at major seams and stress points
- Triple-stitching
- Durable and high-performance
- Double-reinforced seat and knees
- Belt loops: sturdy, approximately two (2) inches to fit the 1.5 inch belt specified below.
- Action or approved equal waistband
- Gusseted construction
- Hip-mounted D-ring
- Strap-and-slash seat pockets
- Teflon finish
- Yoshida Industries Limited (YKK®) or approved equal zippers
- Prym® or approved equal snaps
- Hemmed
- Sizes:
  - Women's Waist (Inches): 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
  - Inseam/Length: Regular and Long (Inches):

	<b>Sizes:</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>
<b>20</b>	Reg. inseam:	30.25"								
30.5"	30.75"	31"	31.25"	31.5"	31.75"	32"	32.25"	32.5"		

## POLICE OFFICER UNIFORMS AND ACCESSORIES

### 1. Scope of Work Requirements

The garments shall be made to measure according to individual measurements and fittings. Stock sizes are not permitted. The Uniforms in the specifications must be made in the Continental United States of America. The material in the specifications are non-substitute unless otherwise approved by the Agency.

The Vendor shall be responsible for all requirements, specifications and standards and shall certify compliance. All garments shall be manufactured in one establishment where sanitary conditions shall prevail. During normal working hours the Vendor's plant shall be open for inspection of work by duly authorized representatives of the Maryland Capitol Police. The vendor shall demonstrate that facilities are available for promptly making necessary alterations, adjustments and repairs.

### 2. Trouser Specifications

This specification covers the requirements for uniform trousers made from first quality 55% Dacron polyester and 45% wool, serge fabric for the Maryland Capitol Police.

#### 2.1 Trouser Fabrication & Color:

First quality 55% Dacron polyester and 45% wool, serge fabric as detailed in the specifications.

Fabric specifications:

Weave – serge weave

Weight – 14 ounces per linear yard

Fiber content – 55% Dacron polyester  
45% Worsted wool

Color - Bankers Grey

Reference - Hamburger Woolen #651-07 or approved equal

#### 2.3 Style:

Modern up to date military patterns shall be used with fitted waistbands and finished hems produced according to individual sizing. The width of the legs shall be proportional to individual inseam and shoe sizes. To be made with two full straight side pockets and two rear pockets with top stitched flaps. A pearl type

eyelet buttonhole is to be placed on the flaps and the density of buttonhole is 50 stitches per inch with a four hole 24 ligne plastic button.

**2.4 Pockets:**

Front on seam straight pockets approximately 6 ¼" opening and measuring from the top of the opening to the bottom of the pocket measures approximately 13". The back pocket opening is to be 5 ½" wide and 7" deep. All pockets are to be sewn inside out and turned then top stitched for extra strength. All pocket welts are to be interlined with pellon and then top stitched.

**2.5 Belt loops:**

All trousers are to have 7 belt loops 7/8" wide and 2" long. All loops are to have double stitching for extra strength. All loops are to be sewn into waistband at the top and bottom to accommodate a 1 3/4" duty belt. All loops are to be sewn in such a manner as not to allow raw edges.

**2.6 Pocketing:**

To be 2.5 natural drill, poly/cotton twill #230 as manufactured by qst industries. Blend to be 70% cotton and 30% polyester.

**2.7 Waistband:**

Waistband to be black qst #wb-rd-212 with two zone stretch and two rows of clear silicone with a double hook and eye front closure and must have the name of the manufacturer woven into the waistband

**2.8 Fly:**

Talon zipper is to be brass #603-0-025 with a #001-5310-05-03-04-000 slide, cut and gapped to precise lengths for individual trousers. Zipper slide to be heavy duty self-locking type. Zipper tape to be all cotton twill style #06-1310. Trouser closure to be crush proof heavy duty hook and eye style with a 1 piece French fly and fly button fastening at the base of the waistband. Two piece fly and button tab is not acceptable.

**2.9 Stripe:**

1 1/8" charcoal grey tropical 55% Dacron polyester and 45% wool stripe is to be sewn into the trouser in such a manner as to show no top stitching except at pocket opening reinforcement. Stripe to be mounted to the front panel and incorporated with the front pocket construction. The charcoal stripe will be a perfect match to the uniform shirts.

## BIKE UNIFORMS

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### A. MINIMUM QUALIFICATIONS

1. Bidder shall have no less than three (3) years' experience in providing products that are equal to or comparable to the scope and magnitude required by the specification. References shall be submitted on Attachment F.

### B. GENERAL REQUIREMENTS

- A. Bidders must enclose evidence (dated manufacturer's catalogs or similar) that this item is currently a commercial in-stock style. The successful bidder will provide a full size run of try-on garments within 10 days of contract start date for agency approval.
- B. Vendor must state manufacturer, product number, and available sizes in the comment section of your bid response.

### C. TRY-ON UNIFORM FITTINGS

- a. Regular uniform fittings shall be scheduled by the MDTA Contract Manager at least one (1) week in advance, when possible. Expedited fittings (within two (2) days of request) may be required on occasion and shall be performed by the Contractor at no additional charge.
- b. Fittings shall be scheduled at one (1) of three (3) MDTA Police Baltimore Metropolitan locations between the hours of 8:00 a.m. and 8:00 p.m. Monday through Friday, except State Holidays. The exact location will be provided prior to scheduling the fitting.
- c. The Contractor shall provide a full size run of uniforms for try-ons at each fitting.
- d. Uniform fittings shall also include taking and documenting measurements.
- D. Where a brand name or approved equal is specified, determination of whether a product is equal to a specified brand name shall be at the sole discretion of the MDTA Police.
- E. All customization as specified shall be included in the bid price.
- F. Returns and exchanges of uniforms, parts of uniforms, and shipping will be at no additional cost to the MDTA Police.

#### NOTE:

ALL PATCHES, CHEVRONS, AND EMBROIDERY DESIGNS THAT ARE TO BE SEWN ON BY THE CONTRACTOR, AS SPECIFIED BELOW, WILL BE SUPPLIED BY THE MARYLAND TRANSPORTATION AUTHORITY POLICE BIKE UNIT.

CUSTOMIZATION WILL BE SPECIFIED ON EACH PURCHASE ORDER.

**C. DETAILED SPECIFICATIONS**

**1. OLYMPIC UNIFORMS LIGHTWEIGHT EXTREME STRETCH PANT (MODEL NO. EXTL11) OR APPROVED EQUAL**

**COLOR:**

- Black

**MATERIALS:**

- 89% Nylon and 11% Spandex
- High Density Dobby fabric
- Double Weave

**DESIGN AND CONSTRUCTION**

- Lightweight
- Breathable pant lined with COOLMAX® Mesh or approved equal
- Wrinkle resistant fabric, which includes Nylon, Lycra®, and Cordura Plus®
- 4-way stretch
- Zippers on outside legs at hemline approximately eleven inches in length
- Elastic stirrups combined with VELCRO® or approved equal closing tabs at the bottom of pant legs
- Large VELCRO® closing cargo pockets on outside of thighs
- One (1) VELCRO® closing cargo pocket on right rear
- Elasticized waistband with drawstring
- Side nylon hip patches
- Zipper closing fly with black snap closure
- Belt loops
- Pen pocket on right cargo pocket
- Zipper closing cargo pockets
- Sizes:

Men & Women Waist & Length (Inches): **SEE BELOW SIZING CHART**

Women: Downsize to smaller men's size

SIZE	WAIST	HIP	STANDARD INSEAM
X-SMALL	32	37	30