

Attachment C - Specifications
MALE UNIFORM TROUSERS (Class A Option 1)

Line Item No. 1 & 2:

Brand and Model: Spiewak SPDU28U
Sizes: 28 - 46
Color: Royal
Fabric: TIC ET319373PT-25D 74% Polyester 24% Wool 2% Lycra (13oz Twill) with PFAS Free Nano Tex (**NO SUBSTITUTES**)

CONSTRUCTION/DETAILS:

Seams: Seams are to be 3/4" busted, with edges overlocked and single needle chain stitched. Busted seams, sides, inseam and seat seam are to be pressed. Seat seams shall be tandem stitched.

Waistband: The waistband shall be designed to allow for 4" of mechanical expansion through two unique double waistband panels with 1 1/4" elastic built in (**Expand on Demand® waistband**). The front waistband shall be held with a hidden 6" X 1 1/4" elastic attached to a tapered tab of self-material. The inside waistband shall be held with 7" X 1 1/4" elastic sewn to the waistband inside fold back to a separate enclosed channel which is joined to the front waistband channel at the top of the front pocket opening. The elastic shall remain concealed even when the waistband is stretched to its maximum length. The curtain, shall be made of the heavy duty tuxedo pocketing material listed above, bias-cut, and shall have a continuous parallel 7/16" wide silicone band designed to work with the corresponding shirt grippers for maximum shirt retention. The finished waistband shall be 2 1/8" wide and shall be closed with two crush-proof riveted oxidized metal hook and eyes. The finished waistband shall be set on and shall be stitched below the lower edge through the outer fabric and the waistband curtain.

Labeling: **Black Woven Label with printed info label:** to be sewn on the inside of the pants centered on the right side back pocket lining, 1 1/2" below the waistband lining. **Paper Label:** to be attached to the outside waistband on the left side of the pants with two button tacks.

Band Closure with Tab:

Band closure is by means of two crush-proof riveted oxidized metal hook and eye centered and stacked in band corners above zipper teeth. A woven reinforcement strip to be set behind hook and eye. Right corner shall be clean finished and single needle set in fly seam. Left side of band shall folded back 1 3/4" with a 3/4" turn under. A tab with horizontal keyhole buttonhole shall pressed and inserted in the right side fly seam directly below top finished edge of waistband. Left inside elastic shall have one button set through the elastic only, 3" in from front edge of fly, and 2 1/2" below top edge of waistband to accommodate the tab closure.

Belt Loops: Belt loops are to be double needle coverstitch constructed with fusible interlining and measure 7/8" finished. Loops are to be inserted in-between band and lining at the top and bottom seams of band. Loop openings measure 2". Center back belt loop is single needle set at the top and bartacked at the bottom, and centered on the back seam. Loop placement shall be as follows:

Size	Loops	Spacing
28-40	7	3 each side (evenly spaced) • one on seat seam
42-up	9	4 each side (evenly spaced) • one on seat seam

Inner Fly/Crotch: The right fly and front crotch linings shall be the same fabric and color as the waistband curtain. There shall be a TC #8000 interlining sewn between the fly and the fly lining to give additional stability and strength to the fly. The right fly lining shall be sewn to the left fly below the zipper and continue centered on the join seam across the inseam and end 1" onto the back seam. A separate French fly made of the outer fabric with a lining of reinforced pocketing shall be sewn to the inside right fly. The fly attachment button shall be a ligne 20, 100% polyester durable button. The button shall pass ASTM 5171-1191, using a .84 kg mass dropped from 67 mm.

There shall be a diamond shaped reinforced crotch gusset measuring 9" wide X 4 ¾" sewn with a five needle safety stitch to prevent crotch seam failure.

Front Pocket: Front pockets are slanted. Top of front pocket is hemmed ¼" with non-woven fusible sewn into the pocket facing. Pocketing fabric extends to the waistband for added strength. Pocket is serge closed, turned and single needle stitched on outside edge. Pocket opening measures 6½", and will be bartacked at top and bottom of opening. All pocketing is to be Black.

Hip Pockets: Pants shall have both left and right hip pockets. Pockets are to be double welted. Pocket opening measures 5½". All pocketing is to be black.

Pocketing: All pocketing shall be heavy-duty black 150-denier 70% polyester/30% cotton tuxedo pocketing with a minimum thread count of 82 x 64. The waistband and inside seam binding shall be made with pocketing material cut on the bias.

Flaps: Both left and right pockets shall have flaps with fusible interlining. Flaps are to be ¼" topstitched, and will have a vertical key-hole button hole at the point, with one button set 1½" below top edge of pocket welt to accommodate buttonhole.

Back Darts: Pants shall have a dart on each side of the back seam centered over pockets.

Hem: Pants are to be overlapped and un-hemmed. Pant legs are to be pressed.

Measurements:

Sizes	26	28	29	30	31	32	33	34	35	36	37	38
Waist	26 ½	28 ½	29 ½	30 ½	31 ½	32 ½	33 ½	34 ½	35 ½	36 ½	37 ½	38 ½
Front Rise (short)	11 ⅞	11 ⅞	12	12 ⅞	12 ¼	12 ⅜	12 ½	12 ⅝	12 ¾	12 ⅞	13	13 ⅞
Front Rise (regular)	12	12 ¼	12 ⅜	12 ½	12 ⅝	12 ¾	12 ⅞	13	13 ⅞	13 ¼	13 ⅜	13 ½
Front Rise (long)	12 ⅜	12 ⅝	12 ¾	12 ⅞	13	13 ⅞	13 ¼	13 ⅝	13 ½	13 ⅝	13 ¾	13 ⅞
Back Rise (short)	16 ⅞	16 ⅜	16 ½	16 ⅝	16 ¾	16 ⅞	17	17 ⅞	17 ¼	17 ⅜	17 ½	17 ⅝
Back Rise (regular)	16 ½	16 ¾	16 ⅞	17	17 ⅞	17 ¼	17 ⅜	17 ½	17 ⅝	17 ¾	17 ⅞	18
Back Rise (long)	16 ⅞	17 ⅞	17 ¼	17 ⅜	17 ½	17 ⅝	17 ¾	17 ⅞	18	18 ⅞	18 ¼	18 ⅜
Hips	36 ¼	38 ¼	39 ¼	40 ¼	41 ¼	42 ¼	44 ¼	45 ¼	46 ¼	47 ¼	48 ¼	49 ¼
Inseam	38	38	38	38	38	38	38	38	38	38	38	38
Leg Opening	18 ⅞	18 ¾	18 ⅞	19	19 ⅞	19 ¼	19 ½	19 ⅞	19 ¾	19 ⅞	20	20 ⅞

Sizes	39	40	42	44	46	48	50	52	54	56	58	60
Waist	39 ½	40 ½	42 ½	44 ½	46 ½	48 ½	50 ½	52 ½	54 ½	56 ½	58 ½	60 ½
Front Rise (short)	13 ¼	13 ⅜	13 ⅝	13 ⅞	14 ⅞	14 ⅜	14 ⅝	14 ⅞	15 ⅞	15 ⅜	15 ⅝	15 ⅞
Front Rise (regular)	13 ⅝	13 ¾	14	14 ¼	14 ½	14 ¾	15	15 ¼	15 ½	15 ¾	16	16 ¼

Front Rise (long)	14	14 1/8	14 3/8	14 5/8	14 7/8	15 1/8	15 3/8	15 5/8	15 7/8	16 1/8	16 3/8	16 5/8
Back Rise (short)	17 3/4	17 7/8	18 1/8	18 3/8	18 5/8	18 7/8	19 1/8	19 3/8	19 5/8	19 7/8	20 1/8	20 3/8
Back Rise (regular)	18 1/8	18 1/4	18 1/2	18 3/4	19	19 1/4	19 1/2	19 3/4	20	20 1/4	20 1/2	20 5/8
Back Rise (long)	18 1/2	18 5/8	18 7/8	19	19 3/8	19 5/8	19 7/8	20 1/8	20 3/8	20 5/8	20 7/8	21 1/4
Hips	50 1/4	51 1/4	53 1/4	55 1/4	57 1/4	59 1/4	61 1/4	63 1/4	65 1/4	67 1/4	69 1/4	71 1/4
Inseam	38	38	38	38	38	38	38	38	38	38	38	38
Leg Opening	20 1/4	20 1/2	20 3/4	21	21 1/4	21 1/2	21 3/4	22	22 1/4	22 1/2	22 3/4	23

Note: Male pants are numerically sized, unfinished with (rise lengths – short/regular/long)

Tolerances: Allowed for the above measurements are as follows:

MEASUREMENT RANGE	TOLERANCES
0" - 6"	± 1/8"
6" - 12"	± 1/4"
12" - 24"	± 1/2"
Over 24"	± 3/4"

Labeling: Black Woven Label with printed info label and paper label

Finishing: Each garment shall be trimmed, inspected, pressed, crease-set front and back, topping and carefully folded with a plastic clip at waistband.

Packaging: Garments are to be packaged one per poly bag.

FEMALE UNIFORM PANTS (Class A Option 1)

Line Item No. 3 & 4:

Brand and Model: Spiewak SPDU28U
Sizes: 4-24
Color: Royal
Fabric: TIC ET319373PT-25D 74% Polyester 24% Wool 2% Lycra (13oz Twill) with PFAS Free Nano Tex (**NO SUBSTITUTES**)

CONSTRUCTION/DETAILS:

Seams: Seams are to be 3/4" busted, with edges overlocked and single needle chain stitched. Busted seams, sides, inseam and seat seam shall be pressed. Seat seams shall be tandem stitched.

Waistband: The waistband shall be designed to allow for 4" of mechanical expansion through two unique double waistband panels with 1 1/4" elastic built in (**Expand on Demand® waistband**). The front waistband shall be held with a hidden 6" X 1 1/4" elastic attached to a tapered tab of self-material. The inside waistband shall be held with 7" X 1 1/4" elastic sewn to the waistband inside fold back to a separate enclosed channel which is joined to the front waistband channel at the top of the front pocket opening. The elastic shall remain concealed even when the waistband is stretched to its maximum length. The curtain, shall be made of the heavy duty tuxedo pocketing material listed above, bias-cut, and shall have a continuous parallel 7/16" wide silicone band designed to work with the corresponding shirt grippers for maximum shirt retention. The finished waistband shall be 2 1/8" wide and shall be closed with two crush-proof riveted oxidized metal hook and eyes. The finished waistband shall be set on and shall be stitched below the lower edge through the outer fabric and the waistband curtain.

Labeling: **Woven Label with printed info label:** is to be sewn on the inside of the pants centered on the right side back pocket lining, 1 1/2" below the waistband lining. **Paper Label:** shall be attached to the outside waistband on the left side of the pants with two button tacks.

Band Closure with Tab: Band closure is by means of two crush-proof riveted oxidized metal hook and eye centered and stacked in band corners above zipper teeth. A woven reinforcement strip shall be set behind hook and eye. Right corner is clean finished and single needle set in fly seam. Left side of band is folded back 1 5/8" with a 3/4" turn under. A tab with horizontal keyhole buttonhole is to be pressed and inserted in the right-side fly seam directly below top finished edge of waistband. Left inside elastic will have one button set through the elastic only, 3" in from front edge of fly, and 2 1/2" below top edge of waistband to accommodate the tab closure.

Belt Loops: Belt loops are to be double needle coverstitch constructed with fusible interlining and measure 7/8" finished. Loops are to be inserted in-between band and lining at the top and bottom seams of band. Loop openings measure 2". Center back belt loop is single needle set at the top and bartacked at the bottom, and centered on the back seam. Loop placement is as follows:

Size	Loops	Spacing
4-20	5	2 each side (evenly spaced) one on seat seam
22-up	7	3 each side (evenly spaced) one on seat seam

Set right fly will have a crotch reinforcement extension with lining and interfacing. Extension must be turned under to eliminate raw edges. Extensions will be sewn with crotch and then stitched again to the seam. Zipper is set in fly seam and topstitched. Left fly shall be set and folded back and measures 1½" wide. Fly shall be overlocked to eliminate raw edges. Brass zipper will be single needle lockstitch attached with a 1" wide interfacing. Fly shall be bartacked at bottom of join seam. Zipper lengths shall be as follows:

Size 4 - 16 length 7"

Size 18-up length 9"

Front Pocket: Front pockets are slanted. Top of front pocket is to be hemmed ¼" with non-woven fusible sewn into the pocket facing. Pocketing fabric extends to the waistband for added strength. Pocket is serge closed, turned and single needle stitched on outside edge. Pocket opening measures 6½", and shall be bartacked at top and bottom of opening.

Hip Pockets: Pants shall have both left and right hip pockets. Pockets are to be double welled. Pocket opening measures 5½".

Pocketing: All pocketing shall be heavy-duty black 150-denier 70% Polyester/30% Cotton tuxedo pocketing with a minimum thread count of 82 x 64. The waistband and inside seam binding shall be made with pocketing material cut on the bias.

Flaps: Both left and right pockets shall have flaps with fusible interlining. Flaps are to be pressed and ¼" topstitched, and shall have a vertical key-hole button hole at the point, with one button set 1½" below top edge of pocket well to accommodate buttonhole.

Back Darts: Pants shall have a 3" dart on each side of the back seam centered over pockets.

Hem: Pants are to be overlocked and un-hemmed. Pant legs are to be pressed.

Note: Female pants are numerically sized, unfinished with (rise lengths - short/regular/long)

Labeling: Woven label with printed info label and paper label

Finishing: Each garment shall be trimmed, inspected, pressed, crease-set front and back, topping and carefully folded with a plastic clip at waistband.

Packaging: Garments are to be packaged one per poly bag

MEASUREMENTS

Specification	2	4	6	8	10	12	14	16	18	20	22	24	26
Waist along top edge	27	28	29	30	31	32 ½	34	35 ½	37 ½	39 ½	41 ½	43 ½	45 ½
Seat (3.5" from crotch)	37	38	39	40	41	42 ½	44	45 ½	47 ½	49 ½	51 ½	53 ½	55 ½
Thigh (1" from crotch)	25 ½	26	26 ½	27	27 ½	28 ¼	29	29 ¾	30 ¾	31 ¾	32 ¾	33 ¾	34 ¾
Knee (14" from crotch)	17 ¼	17 ¾	18 ¼	18 ¾	19 ¼	19 ⅞	20 ½	21 ⅞	21 ⅞	22 ⅝	23 ⅜	24 ⅞	24 ⅞
Bottom	16 ¾	17	17 ¼	17 ½	17 ¾	18	18 ¼	18 ½	18 ¾	19	19 ¼	19 ½	19 ¾
Front Rise	9 ½	9 ¾	10	10 ¼	10 ½	10 ¾	11	11 ¼	11 ½	11 ¾	12	12 ½	12 ½
Back Rise	16 ¾	17	17 ¼	17 ½	17 ¾	18	18 ¼	18 ½	18 ¾	19	19 ¼	19 ½	19 ¾

Tolerances: Allowed for the above measurements are:

MEASUREMENT RANGE

0" - 6"
6" - 12"
12" - 24"

TOLERANCES

$\pm \frac{1}{8}"$
 $\pm \frac{1}{4}"$
 $\pm \frac{1}{2}"$

MALE SHORT SLEEVE SHIRT CLASS A

Line Item No. 5 & 6:

Brand and Model: Spiwak SPDU70U
Sizes: 14½ -18 1/2
Color: **Royal**
Fabric: TIC Uniform, Fabrics PFAS Free Nanotex, 74% Polyester 24% Wool 2% Lycra (9-9.5oz Tropical) Fabric shall be Pre-shrunk and Stock Dyed (**No Substitutes**)

CONSTRUCTION/DETAILS:

Double Needle Stitching:

The shirt will have needle stitching on the armholes, under arm, seams, side seams, and in setting the pocket flaps

Collar:

Convertible collar shall be cut in two pieces and shall have Harodite woven fusible interlining and collar stays. Collar points shall have 2¼" long collar stays placed in the front edge of the collar and stitched through and through with ¼" topstitching. Collar shall be single needle set and closed to yield a clean finish. Collar shall be pressed and ¼" topstitched. Inside collar shall have satin polyester lining reinforcement (mock band) edgestitch set inside.

Shoulder Supports/Epaulets:

Shirt shall have shoulder epaulets shall have non-woven fusible interlining. Epaulets shall have ½" wide **Gold** cordedge braid sandwiched between the epaulet on outside edge, pressed, edgestitched, set into sleeve seams, and partly stitched to the garment by means of criss cross diagonal box stitching 1½" onto the shirt. Ends are to be formed to a point and shall have a cut buttonhole. Finished epaulets measure 2" wide at armhole seam and taper to 1½" wide at the point. Note: point of the epaulet shall finish ½" from the collar seam. A cut buttonhole eyelet shall be set on the shoulder seam to accommodate the buttonhole on the epaulet. Shoulder supports are to be stitched at the collar seam and to shoulder seam of shirt. Support shall be 1" wide self-fabric.

Badge Sling:

Shirt shall have a 1½" wide self-fabric badge sling. Sling is to be single needle set to the pocket, through the eyelets, and set into the shoulder seam. Badge sling shall be folded in half and overlapped on one side.

Badge Eyelets: Shirt shall have two horizontal eyelets centered on the left breast, over the pintucking and positioned so that the lower eyelet is 1" above the pocket flap and 1¼" apart.

Pockets:

Shirt shall have two breast pockets with flaps and Velcro closures. Pockets shall have a center box pleat. Box pleat shall be 1½" wide. Pintucking shall run down the center of the box pleat. Pockets are to be pressed. Pockets are to be single needle set with mitered corners. Pocket hems are to be single needle lockstitch hemmed and finish ¾" wide with tum under. The left pocket and flap shall have a 1½" wide pencil slot running top to bottom. Finished pocket measures 5½" wide by 5¾" deep. Top corners of pockets are to be angle tacked, and pencil stitch is to be backtacked to secure.

Hidden Chest Pocket:

There shall be a #3 YKK 6 ½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Eyelets: Each pocket shall have a vertical baby buttonhole eyelet centered and set 1" below the finished edge of the pocket hem to accommodate the buttonhole on the pocket-flap.

Flaps: **STANDARD MEN'S DIE CUT FLAPS** - Pocket flaps are to be scalloped and shall have non-woven fusible on the topside of flap. Pocket flaps shall have 1/8" wide **Gold** cordedge braid sandwiched between the flap on the outside edges and single needle edge stitched. Flaps are to be double needle set to the shirt. The left flaps shall have a 1 1/2" wide pencil slot with Bar tack reinforcements on each side. Flaps shall have one, vertical buttonhole set 1/2" above the scalloped edge. Pintuck stitch shall run along center of flap and shall align with pintuck stitch on box pleat (pocket). Finished pocket flaps shall measure 2 3/4" on each end and 2 7/8" at the center point.

Velcro: Flaps and pockets effect closure by means of four strips of Black Velcro. Strips are to be 1" long by 1/2" wide. The hook side of the Velcro shall be single needle set on the pocket, and the loop side of the Velcro is single needle set on the under side of the flap. Velcro on the pocket shall be set 1/2" below the finished edge of the pocket, and 1/4" in from the finished side of the pocket.

Placket/Facings: Both facings shall be folded and overlapped on the outside edge. The left front shall be folded to create a 1 1/2" wide placket with 250-edgeloek interlining. Placket shall be 1/4" topstitched on both sides.

Name Label: The left side front, facing shall have a **Woven Name Label**. The label shall be placed at the edge of the overlapped facing and 1" above the finished edge of the hem and single needle lockstitch down on all four sides.

Pintucking: Shirt shall have two rows of pintucking on the front of the shirt. Pintucking shall extend from shoulder seams through the pocket flaps, and pockets, to the bottom of the shirt.

Sleeves: Shirt shall have short sleeves with pintuck stitch centered on the sleeve. Pintucking shall be set with notches placed at top and bottom of the sleeve for accuracy. Sleeve hems are to be single needle lockstitch hemmed and finish 3/4" wide with turn under. Armhole seams are to be pressed and double needle topstitched. Underarm seams shall also be pressed and double needle stitched.

Emblems: The shirt shall have two **Louisiana State Police emblems**. The emblems shall be centered, one on each sleeve. The emblems shall be placed 1/2" below the sleeve seam with punch holes to ensure accuracy.

Yoke: Yoke shall be cut 2-ply. Yoke shall be a clean finish set to the inside. The inside yoke shall be cut of 100% polyester black satin finish lining. The back yoke seam and shoulder seams are edgestitched.

Label: Woven label with printed info label. The woven label shall be single needle stitched down on all sides with the printed info label inserted at the bottom. The labels shall be centered and placed 3/4" below the collar band seam on the top ply only of the inside yoke.

Back: Back shall have three rows of pintucking stitched down the back, extending from the yoke to the bottom of the shirt. One row at center back and one row on each side spaced evenly apart. There shall be four bands of silicone 3 1/8" X 9/16" sewn into the bottom of the shirt 2" from the bottom and 1/4" on the inside of the outer creases designed to work with the corresponding SPDU pant waistband for maximum shirt retention (**SRS™ shirt retention system**).

Vent-tabs: Shirt shall have inserted side vent-tabs. Tabs shall be single needle lockstitch hemmed and finish 1/4" wide with turn under. The tabs shall be inserted at the side seam and the bottom of the tab shall be placed with notches on the hemline.

Front side of the vent-tab shall be encased in the side seam and bottom hem and double needle topstitch finished. The backside of the vent-tab will be encased in the bottom hem and single needle finished.

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Closure:

Front closure shall be by means of seven buttons and one separating 16" **Black** zipper. First button shall be set ½" below the collar seam, second button shall be spaced 3" below the first. All remaining buttons are spaced 3½" apart. First buttonhole is horizontal. All remaining buttonholes shall be vertical. **Note:** Only the first, second and seventh (last) buttons shall be working buttons. The third, fourth, fifth and sixth buttons shall be mock buttons. Shirtfronts shall be pressed before zipper is set. The shirt shall have a concealed 16" Black separating zipper set beneath the front placket. Zipper shall be single needle lockstitch set ¾" below the collar seam and button tacked at top and bottom on each side.

Bottom hem shall be single needle lockstitch hemmed ¼" wide, shirttail hem.

Measurements:

Sizes	14 ½	15	15 ½	16	16 ½	17	17 ½	18
Chest	42 ½	44 ½	46 ½	48 ½	50 ½	52 ½	54 ½	56 ½
Across Back	21 ½	22 ½	23 ½	24 ½	25 ½	26 ½	27 ½	28 ½
Across Shoulder	17 ½	18	18 ½	19	19 ½	20	20 ½	21
Sleeve Outseam	9 ½	9 ¾	10	10 ¼	10 ½	10 ¾	11	11 ¼
Sleeve Inseam	7	7	7	7	7	7	7	7
Collar	14 ½	15	15 ½	16	16 ½	17	17 ½	18
Waist	40	42	44	46	48	50	52	54
Sweep	43 ½	45 ½	47 ½	49 ½	51 ½	53 ½	55 ½	57 ½
Length	33 ¾	34	34 ¼	34 ½	34 ¾	35	35 ¼	35 ½

Sizes	18 ½	19	19 ½	20	20 ½	21	21 ½
Chest	58 ½	60 ½	62 ½	64 ½	66 ½	68 ½	70 ½
Across Back	29 ½	30 ½	31 ½	32 ½	33 ½	34 ½	35 ½
Across Shoulder	21 ½	22	22 ½	23	23 ½	24	24 ½
Collar	18 ½	19	19 ½	20	20 ½	21	21 ½
Sleeve Outseam	11 ½	11 ¾	12	12 ¼	12 ½	12 ¾	13
Sleeve Inseam	7	7	7	7	7	7	7
Waist	56	58	60	62	64	66	68
Sweep	59 ½	61 ½	63 ½	65 ½	67 ½	69 ½	71 ½
Length	35 ¾	36	36 ¼	36 ½	36 ¾	37	37 ¼

Tolerances:

Allowed for the above measurements are as follows:

MEASUREMENT RANGE

0" - 6"

6" - 12"

12" - 24"

Over - 24"

TOLERANCES

±½"

±¼"

±½"

±¾"

Labeling:

Woven Label with printed info label.

Finishing:

Each garment shall be trimmed, inspected, pressed and neatly folded.

Packaging:

Garments are to be packaged in one poly bag, with shirt board with collar, three straight pins, butterfly collar support and a plastic collar insert.

MALE LONG SLEEVE SHIRT CLASS A

Line Item No. 7 & 8:

Brand and Model: Spiewak SPDU75U

Sizes: 14½ - 18½

Color: *Royal*

Fabric: TIC Uniform Fabrics PFAS Free Nanotex, 74% Polyester 24% Wool 2% Lycra (9-9.5oz Tropical) Fabric shall be Pre-shrunk and Stock Dyed (**No Substitutes**)

CONSTRUCTION/DETAILS:

Double Needle Stitching:

The shirt shall have double needle stitching on the armholes, underarm seams, cuffs side seams, and in setting the pocket-flaps

Collar:

Banded collar shall be cut two pieces, and shall have Harodite woven fusible interlining and collar stays. Collar points shall have 2¼" long collar stays placed in the front edge of the collar and stitched through and through with ¼" topstitching. Collar shall be pressed. Band shall have 2-ply non-woven fusible interlining, inside collar band shall be cut of 100% polyester satin lining. Band shall be single needle set and closed. Collar band shall have one horizontal buttonhole and one button. There shall be a collar stay sewn inside the collar along the bottom edge of each collar to hold the collar shape and still allow the attachment of collar brass. There shall be hidden triangle collar button-down tabs sewn underneath each collar point approximately 1" wide (at the attachment point) and ⅞" long. These tabs shall attach to hidden durable ligne 14 buttons which to keep the collar secure.

Shoulder Supports/Epaulets:

Shirt shall have shoulder epaulets that shall have non-woven fusible interlining. Epaulets shall have ⅞" wide **Gold** cordedge braid sandwiched between the epaulet on outside edge, shall be pressed, edgestitched, set into sleeve seams, and partly stitched to the garment by means of criss cross diagonal box stitching 1½" onto the shirt. Ends are to be formed to a point and shall have a cut buttonhole. Finished epaulets shall measure 2" wide at armhole seam and taper to 1½" wide at the point. Note: point of the epaulet shall finish ½" from the collar seam. A cut buttonhole eyelet shall be set on the shoulder seam to accommodate the buttonhole on the epaulet. Shoulder supports are to be stitched at the collar seam and to the shoulder seam of shirt. Supports shall be 1" wide self-fabric.

Badge Sling:

Shirt shall have a 1½" wide self-fabric badge sling. Sling shall be single needle set to the pocket, through the eyelets, and set into the shoulder seam. Badge sling shall be folded in half and overlapped on one side.

Badge Eyelets:

Shirt shall have two horizontal eyelets centered on the left breast, over the pintucking and positioned so that the lower eyelet shall be 1" above the pocket flap and 1¼" apart.

Pockets:

Shirt shall have two breast pockets with flaps and Velcro closures. Pockets shall have a center box pleat. Box pleat shall be 1½" wide. Pocket pleats are to be pressed. Pintucking shall run down the center of the box pleat. Pockets are to be single needle set with mitered corners. Pocket hems are to be single needle lockstitch hemmed and finish ¾" wide with tum under. The left pocket and flap shall have a 1½" wide pencil slot running top to bottom with Bar Tack reinforcements on each side. Finished pocket shall measure 5½" wide by 5¾" deep. Top corners of pockets are to be angle tacked, and pencil stitch is backtacked to secure.

Hidden Chest Pocket:

There shall be a #3 YKK 6½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Eyelets:

Each pocket will have a vertical baby buttonhole eyelet centered and set 1" below the finished edge of the pocket hem to accommodate the buttonhole on the pocket-flap.

Flaps:

STANDARD MEN'S DIE CUT FLAPS-Pocket flaps are scalloped and will have non-woven fusible on the topside of flap. Pocket flaps will have ⅛" wide **Gold** cordedge braid sandwiched between the flap on the outside edges and single needle edge stitched. Flaps are double needle set to the shirt. The left flaps will have a 1½" wide pencil slot. Flaps will have one, vertical buttonhole set ½" above the scalloped edge. Pintuck stitch runs along center of flap and aligns with pintuck stitch on box pleat (pocket). Finished pocket flaps will measure 2¾" on each end and 2⅞" at the center point.

Velcro:

Flaps and pockets effect closure by means of four strips of Black Velcro. Strips are 1" long by ½" wide. The hook side of the Velcro is single needle set on the pocket, and the loop side of the Velcro is single needle set on the under side of the flap. Velcro on the pocket is set ½" below the finished edge of the pocket, and ¼" in from the finished side of the pocket.

Placket:

Left side has a 1½" wide reverse fold placket with Edgelock Interlining. Placket is ¼" top stitched on each side. Right side is hemmed clean finished to the inside of the shirt with a 1" hem.

Name Label:

The left side front, facing will have a **Woven Name Label**. The label will be placed at the edge of the marrowed facing and 1" above the finished edge of the hem and single needle lockstitch down on all four sides.

Pintucking:

Shirt will have two rows of pintucking on the front of the shirt. Pintucking extends from shoulder seams through the pocket flaps, and pockets, to the bottom of the shirt.

Sleeves:

Shirt will have long sleeves with pintuck stitch centered on the sleeve and Hathaway placket. Pintucking will be set with notches placed at top and bottom of the sleeve for accuracy. Sleeves finish with 2-ply cuffs. Cuffs have non-woven fusible interlining. Cuffs are double needle top stitched and there will be two rows of stitching on the set cuff operation. Cuffs finish 3" wide. Cuff closure is by means of two buttons on each cuff. Buttons are set vertically 1¼" apart and ⅝" in from finished edge of the cuff. Armhole seams are pressed and double needle topstitched. Underarm seams will also be pressed and double needle stitched.

Sleeve Placket:

Hathaway placket. The topside of placket is 1" wide and single needle bound set to the shirt. Underside of placket is 1" wide and single needle bound set. Vent opening measures 4".

Emblems:

The shirt will have two emblems **Louisiana State Police**. Emblems will be centered one on each sleeve. Emblems will be placed ½" below the sleeve seam.

Yoke:

Yoke shall be cut 2-ply. Yoke shall be a clean finish set to the inside. The inside yoke shall be cut of 100% polyester black satin finish lining. The back yoke seam and shoulder seams shall be edge stitched.

Label:

Woven label with printed info label. The woven label shall be single needle stitched down on all sides with the printed info label inserted at the bottom. The labels shall be centered and placed ¾" below the collar band seam on the top ply only of the inside yoke.

Back:

Back shall have three rows of pintucking stitched down the back, extending from the yoke to the bottom of the shirt. One row at center back and one row on each side spaced evenly apart. There shall be four bands of silicone 3 1/8" X 9/16" sewn into the bottom of the shirt 2" from the bottom and 1/4" on the inside of the outer creases designed to work with the corresponding pant waistband for maximum shirt retention (**SRS™ shirt retention system**).

Vent-tabs:

Shirt shall have inserted side vent-tabs. The tabs shall be single needle lockstitch hemmed and finished 1/4" wide with turn under. The tabs shall be inserted at the side seam and the bottom of the tab shall be placed with notches on the hemline. Front side of the vent-tab shall be encased in the side seam and bottom hem and double needle topstitch finished. The backside of the vent-tab shall be encased in the bottom hem and single needle finished.

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Closure:

Front closure shall be by means of seven buttons and one separating 16" zipper. There shall be one button and horizontal buttonhole on the collar band and six additional buttons down shirtfront. The second button shall be spaced 3" below the collar band seam. All remaining buttons shall be spaced 3 1/2" apart. All remaining buttonholes shall be vertical. **Note:** Only the first, second and seventh (last) buttons shall be working buttons. The third, fourth, fifth and sixth buttons shall be mock buttons. Shirtfronts shall be pressed before zipper is set. The shirt shall have a concealed 16" black separating zipper set beneath the front placket. Zipper shall be set and single needle lockstitch 1/2" below the second button and button tacked at top and bottom on each side.

Bottom hem shall be single needle lockstitch hemmed 1/4" wide, shirttail hem.

Sleeve Length:

Sizes	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2	18 1/2	19 1/2	20 1/2	21 1/2
Short 32/33	X	X	X	X	X	X	X	X	X	-	-
Medium 34/35	X	X	X	X	X	X	X	X	X	X	X
Long 36/37	-	-	X	X	X	X	X	X	X	X	X
X-Long 38/39	-	-	-	-	-	-	-	X	X	X	X

Measurements:

Sizes	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2
Chest	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2	52 1/2	54 1/2
Across Back	21 1/2	22 1/2	23 1/2	24 1/2	25 1/2	26 1/2	27 1/2
Across Shoulder	17 1/2	18	18 1/2	19	19 1/2	20	20 1/2
Collar	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2
Cuff Open	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2
Waist	40	42	44	46	48	50	52
Sweep	43 1/2	45 1/2	47 1/2	49 1/2	51 1/2	53 1/2	55 1/2
Length	33 3/4	34	34 1/4	34 1/2	34 3/4	35	35 1/4

Sizes	18 1/2	19 1/2	20 1/2	21 1/2
Chest	58 1/2	62 1/2	66 1/2	70 1/2
Across Back	29 1/2	31 1/2	33 1/2	35 1/2
Across Shoulder	21 1/2	22 1/2	23 1/2	24 1/2
Collar	18 1/2	19 1/2	20 1/2	21 1/2

Cuff Open	12	12 ½	13	13 ½
Waist	56	60	64	68
Sweep	59 ½	63 ½	67 ½	71 ½
Length	35 ¾	36 ¼	36 ¾	37 ¼

Tolerances: Allowed for the above measurements are as follows:

MEASUREMENT RANGE	TOLERANCES
0" - 6"	± 1/8"
6" - 12"	± 1/4"
12" - 24"	± 1/2"
Over -24"	± 3/4"

Labeling: *Woven Label* with printed info label **Note: info label must show dual sleeve length**

30/31	32/33	34/35	36/37
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Finishing: Each garment shall be trimmed, inspected, pressed and neatly folded.

Packaging: Garments shall be packaged one per poly bag, with a shirt board with collar, three straight pins, butterfly collar support and a plastic collar insert.

FEMALE SHORT SLEEVE SHIRT CLASS A

Line Item No. 9 & 10:

Brand and Model: Spiewak SPDU71U

34 -46

Color: Royal

Fabric: TIC Uniform Fabrics PFAS Free Nanotex, 74% Polyester 24% Wool 2% Lycra (9-9.5oz Tropical) Fabric shall be Pre-shrunk and Stock Dyed (**No Substitutes**)

CONSTRUCTION/DETAILS:

Double Needle Stitching:

The shirt will have double needle stitching on the armholes, underarm seams, side seams, and in setting the pocket flaps.

Collar:

Convertible collar shall be cut in two pieces and shall have Harodite woven fusible interlining and collar stays. Collar points shall have 2¼" long collar stays placed in the front edge of the collar and stitched through and through with ¼" topstitching. Collar shall be single needle set and closed to yield a clean finish. Collar shall be pressed and ¼" topstitched, Inside collar shall have satin polyester lining reinforcement (mock band) edgestitch set inside.

Shoulder Supports/Epaulets:

Shirt shall have shoulder epaulets that shall have non-woven fusible interlining. Epaulets shall have ¼" wide **Gold** cordedge braid sandwiched between the epaulet on the outside edge, pressed, edgestitched, set into sleeve seams, and partly stitched to the garment by means of criss cross diagonal box stitching 1½" onto the shirt. Ends shall be formed to a point and shall have a cut buttonhole. Finished epaulets shall measure 2" wide at armhole seam and taper to 1½" wide at the point. Note: The point of the epaulet shall finish ½" from the collar seam. A cut buttonhole eyelet shall be set on the shoulder seam to accommodate the buttonhole on the epaulet. Shoulder supports shall be stitched at the collar seam and to shoulder seam of shirt. Support shall be 1" wide self-fabric.

Badge Sling:

Shirt shall have a 1½" wide self-fabric badge sling. The sling shall be single needle set to the pocket, through the eyelets, and set into the shoulder seam. The badge sling shall be folded in half and overlapped on one side.

Badge Eyelets:

Shirt shall have two horizontal eyelets centered on the left breast, over the pintucking and positioned so that the lower eyelet is 1" above the pocket flap and 1¼" apart.

Pockets:

Shirt shall have two breast pockets with flaps and Velcro closures. Pockets shall have a center box pleat. The box pleat shall be 1½" wide. Pintucking shall run down the center of the box pleat. Pockets shall be pressed. Pockets shall be single needle set with mitered corners. Pocket hems shall be single needle lockstitch hemmed and finish¾" wide with turn under. The left pocket and flap shall have a 1½" wide pencil slot running top to bottom. The finished pocket shall measure 5" wide by 5" deep. The top corners of the pockets shall be angle tacked, and pencil stitch shall be backtacked to secure.

Hidden Chest Pocket:

There shall be a #3 YKK 6½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Eyelets:

Each pocket shall have a vertical baby buttonhole eyelet centered and set 1" below the finished edge of the pocket hem to accommodate the buttonhole on the pocket-flap.

Flaps:

Pocket flaps shall be scalloped and shall have non-woven fusible on the top-side of flap. Pocket flaps will have 1/8" wide **Gold** cordedge braid sandwiched between the flap on the outside edges and single-needle edgestitched. Flaps shall double needle set to the shirt. The **left** flaps shall have a 1 1/2" wide pencil slot. Flaps shall have one, vertical buttonhole set 1/2" above the scalloped edge. Pintuck stitch runs along center of flap and aligns with pintuck stitch on the box pleat (pocket). Finished pocket flaps shall measure 2 1/2" on each end and 2 3/4" at the center point.

Velcro:

Flaps and pockets effect closure by means of four strips of Black Velcro. Strips shall be 1" long by 1/2" wide. The hook side of the Velcro shall be single needle set on the pocket, and the loop side of the Velcro shall be single needle set on the underside of the flap. Velcro on the pocket shall be set 1/2" below the finished edge of the pocket, and 1/4" in from the finished side of the pocket.

Placket/Facings:

Both facings shall be folded and overlapped on the outside edge. The **right** front shall be folded to create a 1 1/2" wide placket with 250-edgeloek interlining. Placket shall be 1/4" topstitched on both sides.

Name Label:

The **left** side front, facing shall have a **Woven Name Label**. The label shall be placed at the edge of the overlapped facing and 1" above the finished edge of the hem and single needle lockstitched down on all four sides.

Sleeves:

Shirt shall have short sleeves with pintuck stitch centered on the sleeve. Pintucking shall be set with notches placed at top and bottom of the sleeve for accuracy. Sleeve hems shall be single needle lockstitch hemmed and finished 3/4" wide with turn under. Armhole seams shall be pressed and double needle topstitched. Underarm seams shall also be pressed and double needle stitched.

Emblems:

The shirt shall have two **Louisiana State Police** emblems. The emblems shall be centered, one on each sleeve. The emblems shall be placed 1/2" below the sleeve seam with punch holes to ensure accuracy.

Yoke:

Yoke shall be cut 2-ply. Yoke shall ve clean finish set to the inside. Inside yoke shall be cut of 100% polyester black satin finish lining. Back yoke seam and shoulder seams shall be edgestitched.

Label:

Woven Label with printed info label. The woven label shall be single needle stitched down on all sides with the printed info label inserted at the bottom. The labels are to be centered and placed 3/4" below the collar band seam on the top ply **only** of the inside yoke.

Back:

Back shall have three rows of pintucking stitched down the back, extending from the yoke to the bottom of the shirt. One row at center back and one row on each side spaced evenly apart. There shall be four bands of silicone 3 1/8" X 9/16" sewn into the bottom of the shirt 2" from the bottom and 1/4" on the inside of the outer creases designed to work with the corresponding pant waistband for maximum shirt retention (**SRS™ shirt retention system**).

Vent-tabs:

Shirt shall have inserted side vent-tabs. Tabs shall be single needle lockstitch hemmed and finished 1/4" wide with turn under. Tabs shall be inserted at the side seam and the bottom of the tab shall be placed with notches on the hemline. Front side of the vent-tab shall be encased in the side seam and bottom hem and double needle topstitch finished. The backside of the vent-tab shall be encased in the bottom hem and single needle finished.

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Closure: Front closure shall be by means of six buttons and one separating 11" zipper. First button shall be set ½" below the collar seam, second button shall be spaced 3" below the first. All remaining buttons shall be spaced 3½" apart. First buttonhole shall be horizontal. All remaining buttonholes shall be vertical. **Note:** Only the first, second and sixth (last) buttons shall be working buttons. The third, fourth, and fifth buttons shall be mock buttons. Shirtfronts shall be pressed before zipper is set. The shirt shall have a concealed 11" black separating zipper set beneath the front placket. Zipper shall be single needle lockstitch set ¾" below the collar seam and button tacked at top and bottom on each side.

Bottom hem shall be single needle lockstitch hemmed ¼" wide, shirttail hem.

Measurements:

Sizes	30	32	34	36	38	40	42	44	46	48	50
Chest/Bust	38	40	42	44	46	48	50	52	54	56	58
Across Back	19 ½	20 ½	21 ½	22 ½	23 ½	24 ½	25 ½	26 ½	27 ½	28 ½	29 ½
Across Shoulder	14	14 ½	15	15 ½	16	16 ½	17	17 ½	18	18 ½	19
Collar	13	13 ½	14	14 ½	15	15 ½	16	16 ½	17	17 ½	18
Sleeve Outseam	8 ½	8 ¾	9	9 ¼	9 ½	9 ¾	10	10 ¼	10 ½	10 ¾	11
Sleeve Inseam	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½
Cuff	13 ½	13 ¾	14	14 ¼	14 ¾	15 ¼	15 ¾	16 ¼	16 ¾	17 ¼	17 ¾
Waist	33	35	37	39	41	43	45	47	49	51	53
Sweep	36	38	40	42	44	46	48	50	52	54	56
Length	27 ¼	27 ½	27 ¾	28	28 ¼	28 ½	28 ¾	29	29 ¼	29 ½	29 ¾

Tolerances: Allowed for the above measurements are as follows:

MEASUREMENT RANGE	TOLERANCES
0" - 6"	±1/8"
6" - 12"	±1/4"
12" - 24"	±1/2"
Over -24"	±3/4"

Labeling: Woven Label with printed info label

Finishing: Each garment shall be trimmed, inspected, pressed and neatly folded.

Packaging: Garments are to be packaged one per poly bag, with shirt board with collar, three straight pins, butterfly collar support and a plastic collar insert.

FEMALE LONG SLEEVE UNIFORM SHIRTS CLASS A

Line Item No. 11 & 12:

Brand and Model: Spiewak SPDU76U

Sizes: 34 - 46

Color: Royal

Fabric: TIC Uniform Fabrics PFAS Free Nanotex, 74% Polyester 24% Wool 2% Lycra (9-9.5oz Tropical) Fabric shall be Pre-shrunk and Stock Dyed **(No Substitutes)**

CONSTRUCTION/DETAILS:

Double Needle Stitching:

The shirt shall have double needle stitching on the armholes, underarm seams, cuffs, side seams, and in setting the pocket-flaps

Collar:

Convertible collar shall be cut in two pieces and shall have Harodite woven fusible interlining and collar stays. Collar points shall have 2¼" long collar stays placed in the front edge of the collar and stitched through and through with ¼" topstitching. Collar shall be single needle set and closed to yield a clean finish. The collar shall be pressed and ¼" topstitched. Inside collar shall have satin polyester lining reinforcement (mock band) edgestitch set inside. There shall be a collar stay sewn inside the collar along the bottom edge of each collar to hold the collar shape and still allow the attachment of collar brass. There shall be hidden triangle collar button-down labs sewn underneath each collar point approximately 1" wide (at the attachment point) and ⅞" long. These tabs shall be attach to hidden durable ligne 14 buttons which shall keep the collar secure.

Shoulder Supports/Epaulets:

Shirt shall have shoulder epaulets that shall have non-woven fusible interlining. Epaulets shall have ⅞" wide **Gold** cordedge braid sandwiched between the epaulet on outside edge, and shall be pressed, edgestitched, set into sleeve seams, and partly stitched to the garment by means of criss cross diagonal box stitching 1½" onto the shirt. Ends shall be formed to a point and shall have a cut buttonhole. Finished epaulets shall measure 2" wide at armhole seam and taper to 1½" wide at the point. Note: The point of the epaulet shall finish ½" from the collar seam. A **cut** buttonhole eyelet shall be set on the shoulder seam to accommodate the buttonhole on the epaulet. Shoulder supports shall be stitched at the collar seam and to shoulder seam of shirt. Support shall be 1" wide self-fabric.

Badge Sling:

Shirt shall have a 1½" wide self-fabric badge sling. The sling shall be single needle set to the pocket, through the eyelets, and set into the shoulder seam. Badge sling shall be folded in half and overlapped on one side.

Badge Eyelets:

Shirt shall have two horizontal eyelets centered on the **left** breast, over the pintucking and positioned so that the lower eyelet shall be 1" above the pocket flap and 1¼" apart.

Pockets:

Shirt shall have two breast pockets with flaps and Velcro closures. Pockets shall have a center box pleat. The box pleat is 1½" wide. Pintucking shall run down the center of the box pleat. Pleats shall be pressed. Pockets shall be single needle set with mitered corners. Pocket hems shall be single needle lockstitch hemmed and finished ¾" wide with turn under. The **left** pocket and flap shall have a 1½" wide pencil slot running top to bottom. Finished pocket shall be measure 5" wide by 5" deep. The top corners of the pockets shall be angle tacked, and pencil stitch shall be backtacked to secure.

Hidden Chest Pocket:

There shall be a #3 YKK 6½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the

concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Evelets: Each pocket shall have a vertical baby buttonhole eyelet centered and set 1" below the finished edge of the pocket hem to accommodate the buttonhole on the pocket-flap.

Flaps: Pocket flaps shall be scalloped and will have non-woven fusible on the topside of flap. Pocket flaps shall have 1/8" wide **Gold** cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. Flap shall be double needle set to the shirt. The left flaps shall have a 1 1/2" wide pencil slot. Flaps shall have one, vertical buttonhole set 1/2" above the scalloped edge. Pintuck stitch shall run along center of flap and aligns with pintuck stitch on box pleat (pocket). Finished pocket flaps shall measure 2 1/2" on each end and 2 5/8" at the center point.

Velcro: Flaps and pockets effect closure by means of four strips of Black Velcro. Strips are 1" long by 1/2" wide. The hook side of the Velcro shall be single needle set on the pocket, and the loop side of the Velcro shall be single needle set on the under side of the flap. Velcro on the pocket shall be set 1/2" below the finished edge of the pocket, and 1/4" in from the finished side of the pocket.

Placket/Facings: Both facings shall be folded and overlapped on the outside edge. The right front shall be folded to create a 1 1/2" wide placket with 250-edglock interlining. Placket shall be 1/4" topstitched on both sides.

Name Label: The left side front, facing shall have a **Woven Name Label**. The label shall be placed at the edge of the overlapped facing and 1" above the finished edge of the hem and single needle lockstitch down on all four sides.

Pintucking: Shirt shall have two rows of pintucking on the front of the shirt. Pintucking shall extend from shoulder seams through the pocket flaps, and pockets, to the bottom of the shirt.

Sleeves: Shirt shall have long sleeves with pintuck stitch centered on the sleeve, and Hathaway placket. Pintucking shall be set with notches placed at top and bottom of the sleeve for accuracy. Sleeves shall be finished with 2-ply cuffs. Cuffs shall have non-woven fusible interlining. Cuffs shall be double needle topstitched and shall have two rows of stitching on the set cuff operation. Cuffs shall be finished 2 3/4" wide. Cuff closure shall by means of two buttons on each cuff. Buttons shall be set vertically 1 1/4" apart and 3/8" in from the finished edge of the cuff. Armhole seams shall be pressed and double needle topstitched. Underarm seams shall also be pressed and double needle stitched.

Slv Placket: Hathaway placket. The topside of placket shall be 1" wide and single needle bound set to the shirt. Underside of placket shall be 1" wide and single needle bound set. Vent opening shall measure 3 3/4".

Emblems: The shirt shall have two **Louisiana State Police** emblems. The emblems shall be centered one on each sleeve. The emblems shall be placed 1/2" below the sleeve seam.

Yoke: Yoke shall be cut 2-ply. Yoke shall be clean finish set to the inside. Inside yoke shall be cut of 100% polyester black satin finish lining. Back yoke seam and shoulder seams shall be edgestitched.

Label: Woven Label with printed info label. The woven label shall be single needle stitched down on all sides with the printed info label inserted at the bottom. The labels shall be centered and placed 3/4" below the collar band seam on the top ply only of the inside yoke.

Back shall have three rows of pintucking stitched down the back, extending from the yoke to the bottom of the shirt. One row at center back and one row on each side spaced evenly apart. There shall be four bands of silicone 3 1/8" X 9/16" sewn into the bottom of the shirt 2" from the bottom and 1/4" on the inside of the outer creases designed to work with the corresponding pant waistband for maximum shirt retention (**SRS™ shirt retention system**)

Vent-tabs: Shirt shall have inserted side vent-tabs. Tabs shall be single needle lockstitch hemmed and finish 1/4" wide with turn under. Tabs shall be inserted at the side seam and the bottom of the tab will be placed with notches on the hemline. Front side of the vent-tab shall be encased in the side seam and bottom hem and double needle topstitch finished. The backside of the vent-tab shall be encased in the bottom hem and single needle finished.

Under Arm Mesh Inserts: There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Closure: Front closure shall be by means of six buttons and one separating 11" zipper. First button shall set 1/2" below the collar seam, second button shall be spaced 3" below the first. All remaining buttons shall be spaced 3 1/2" apart. First buttonhole shall be horizontal. All remaining buttonholes shall be vertical. **Note:** Only the first, second and sixth (last) buttons shall be working buttons. The third, fourth, and fifth buttons shall be mock buttons. Shirtfronts shall be pressed before zipper is set. The shirt shall have a concealed 11" black separating zipper set beneath the front placket. Zipper shall be single needle lockstitch set 3/4" below the collar seam and button tacked at top and bottom on each side.

Bottom hem shall be single needle lockstitch hemmed 1/4" wide, shirt tail hem.

Measurements:

Sizes	30	32	34	36	38	40	42	44	46	48	50
Chest/Bust	38	40	42	44	46	48	50	52	54	56	58
Across Back	19 1/2	20 1/2	21 1/2	22 1/2	23 1/2	24 1/2	25 1/2	26 1/2	27 1/2	28 1/2	29 1/2
Across Shoulder	14	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2	18	18 1/2	19
Collar	13	13 1/2	14	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2	18
Sleeve Outseam	24 1/4	24 1/2	24 3/4	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4
Sleeve Inseam	21 1/4	21 3/4	21 1/2	21 5/8	21 3/4	21 7/8	22	22 1/8	22 1/4	22 3/8	22 1/2
Cuff Open	9 1/2	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	12
Waist	33	35	37	39	41	43	45	47	49	51	53
Sweep	36	38	40	42	44	46	48	50	52	54	56
Length	27 1/4	27 1/2	27 3/4	28	28 1/4	28 1/2	28 3/4	29	29 1/4	29 1/2	29 3/4

Tolerances: Allowed for the above measurements are as follows:

MEASUREMENT RANGE	TOLERANCES
0" -6"	±1/8"
6" -12"	±1/4"
12" - 24"	±1/2"
Over -24"	±3/4"

Labeling: Woven Label with printed info label.

Finishing: Each garment shall be trimmed, inspected, pressed and neatly folded

Packaging: Garments are to be packaged one per poly bag, with shirt board with collar, three straight pins, butterfly collar support and a plastic collar insert.

METAL BUTTONS (Small LSP Uniform)

Line Item No. 13:

MODEL: Waterbury Pattern (10124) 24 Ligne or Equal

DESCRIPTION: Louisiana State Seal 24 Ligne Brass Metal Button with toggles and washers. Conforms to MIL SPEC 834616

MATERIAL: .012-.016 05/16 brass material to ensure color consistency and stable color

FINISH: Premium Gold

METAL BUTTONS (Small DPS Uniform)

Line Item No. 14:

MODEL: Waterbury Pattern 24 Ligne or Equal

DESCRIPTION: Louisiana State Seal 24 Ligne Metal Button with toggles and washers.

PART: Waterbury's part #110124243411905.

FINISH: Nickel

METAL BUTTONS (Large LSP Only)

Line Item No. 15:

MODEL: Waterbury Pattern (10124) 36 Ligne or Equal

DESCRIPTION: Louisiana State Seal 36 Ligne Brass Metal Button with toggles and washers. Conforms to MIL. SPEC 834616

MATERIAL: .012-.016 05/16 brass material to ensure color consistency and stable color

FINISH: Premium Gold

LSP UNIFORM BREECHES

Line Item No. 16:

Brand and Model: Spiewak SPBR27U
Sizes: 28 - 46
Color: Royal
Fabric: TIC ET319373PT-25D 74% Polyester 24% Wool 2% Lycra (13oz Twill) with PFAS Free Nano Tex (**NO SUBSTITUTES**)

CONSTRUCTION/DETAILS:

Design: Breeches shall be made using male breeches uniform patterns. Cut shall be ¼ peg cut semi-mounted style with full cavalry reinforced (rounded) seat. Breeches shall have plain front with two quarter top front pockets, two hip pockets with flaps, and two internal side cargo pockets. Work wear industrial style construction is unacceptable and shall be cause for rejection. Sizes shall be male 28-56 (Regular and Short Rise), ¼ peg. Inseams shall be finished in lengths 25-32, and customs. Bottoms shall be finished with zippers attached in a concealed style.

Seams: Seams shall be ¾" busted, with edges overlocked and single needle chain stitched. Busted seams, sides, inseam and seat seam shall be pressed. Seat seams shall be tandem stitched.

Waistband: The waistband shall be designed to allow for 2" of mechanical expansion through two unique double waistband panels with 1¼" elastic built in (**Expand on Demand® waistband**). The elastic shall remain concealed even when the waistband is stretched to its maximum length. The curtain, shall be made of the heavy duty tuxedo pocketing material listed above, bias-cut, and shall have a continuous parallel 7/16" wide silicone band designed to work with the corresponding shirt grippers for maximum shirt retention. The finished waistband shall be 2 1/8" wide and shall be closed with two crush-proof riveted oxidized metal hook and eyes. The finished waistband shall be set on and shall be stitched below the lower edge through the outer fabric and the waistband curtain.

Labeling: ***Black Woven Label with printed info label:*** shall be sewn on the inside of the pants centered on the right side back pocket lining, 1½" below the waistband lining. ***Paper Label:*** shall be attached to the outside waistband on the left side of the pants with two button tacks.

Band Closure with Tab: Band closure shall be by means of two crush-proof riveted oxidized metal hook and eye centered and stacked in band corners above zipper teeth. A woven reinforcement strip shall be set behind the hook and eye. Right corner shall be clean finished and single needle set in fly seam. Left side of band shall be folded back 1⅝" with a ¾" turn under. A tab with horizontal keyhole buttonhole shall be pressed and inserted in the right side fly seam directly below top finished edge of waistband. Left inside elastic shall have one button set through the elastic only, 3" in from front edge of fly, and 2½" below top edge of waistband to accommodate the tab closure.

Belt Loops: Belt loops shall be double needle coverstitch constructed with fusible interlining and measure 7/8" finished. Loops shall be inserted in between band and lining at the top and bottom seams of the band. Loop openings shall measure 2". Center back belt loop shall be single needle set at the top and bartacked at the bottom, and centered on the back seam. Loop placement shall be as follows:

Size	Loops	Spacing
28-40	7	3 each side (evenly spaced) - one on seat seam
42-up	9	4 each side (evenly spaced) - one on seat seam

Inner Fly/Crotch:

The right fly and front crotch linings shall be the same fabric and color as the waistband curtain. There shall be a TC #8000 interlining sewn between the fly and the fly lining to give additional stability and strength to the fly. The right fly lining shall be sewn to the left fly below the zipper and continue centered on the joint seam across the inseam and end 1" onto the back seam. A separate French fly made of the outer fabric with a lining of reinforced pocketing shall be sewn to the inside right fly. The fly attachment button shall be a ligne 20, 100% polyester durable button. The button shall pass ASTM 5171-1191, using a .84 kg mass dropped from 67 mm.

There shall be a diamond shaped reinforced crotch gusset measuring 9" wide X 4 ¾" sewn with a five needle safety stitch to prevent crotch seam failure.

Seat:

Seat seam shall be sewn with a tandem needle machine (double needle stitch) for maximum durability. There shall be a diamond shaped reinforced crotch gusset measuring 9" wide x 4 ¾" sewn with a five needle safety stitch to prevent crotch seam failure. Patterns shall be scrutinized to insure proper fit. Inside edges of seat seam shall have a ¼" single needle binding.

Pockets:

The front pocket opening shall be a minimum 6½" long and be 6" deep from the bottom of the pocket opening. The inside front pocket facing shall be a separate piece of self - material finishing no less than 1" wide. There shall be a hidden vault pocket in the right hand front pocket secured with a #3 YKK invisible zipper. The back pockets will have a minimum opening of 5½" and be 7½" deep. Each back pocket shall have a 1¼" loop closure tab with a bar tack located ⅜" from point of attachment to secure the buttonhole. The loop tab shall be attach to a ligne 20, durable button. Each pocket corner shall have a ⅜" triangle bar tack for reinforcement.

There shall be two cut in cargo pockets centered on each outside side seam with the top opening positioned 3" below the side pockets. Pocket shall be a minimum of 7" wide (the width increases with graded sizes) X 9½" deep. There shall be a center tab on the outside seam attached by two bar tacks to secure a reinforced ligne 14, durable button centered along the bottom edge of the pocket bag. The pocket shall be closed with a #3 YKK nylon coil zipper with a 1" pocket welt. **(Hidden & Secure (H&S cargo™) cargo pocket)**

Both left and right pockets will have flaps with fusible interlining. Flaps are ¼" topstitched, and will have a vertical key-hole button hole at the point, with one button set 1½" below top edge of pocket welt to accommodate buttonhole.

Stripe:

Breeches shall have a 1" Gold Cloth Stripe from the bottom of the waistband and shall wrap the welt of the Internal Cargo so there is no visible break in the stripe. Stripe shall be top stitched

Stirrups:

Each pant shall come with a set of Black Elastic stirrups packed separately to measure 1¼"x 12".

Care Instructions:

Dry Clean Only. If necessary, use steam iron, low setting

Sizes:

Sizes to be male 28-46 (Regular and Short Rise), ¼ peg. Inseams shall be finished in lengths 25-32, and customs. Bottoms shall be finished with zippers attached in a concealed style. **Patterns not meeting the standards of LSP will result in the rejection of bid.**

DPS MALE SHORT SLEEVE SHIRT

Line Item No. 17 & 18:

Brand and Model: Spiewak SU310U
Sizes: 14½ -18 ½
Color: Grey
Fabric: 100% Sorbtek (NO SUBSTITUTES)

CONSTRUCTION/DETAILS:

Double Needle Stitching:

The shirt shall have double needle stitching on the armholes, underarm seams, side seams, and in setting the pocket flaps.

Collar:

Convertible collar shall be cut in two pieces and will have Harodite woven fusible interlining and collar stays. Collar points shall have 2¼" long collar stays placed in the front edge of the collar and stitched through and through with ¼" topstitching. Collar shall be single needle set and closed to yield a clean finish. Collar shall be pressed and ¼" topstitched. Inside collar shall have satin polyester lining reinforcement (mock band) edgestitch set inside.

Shoulder Supports/Epaulets:

Shirt shall have shoulder epaulets that shall have non-woven fusible interlining. Epaulets shall be pressed, edge stitched, set into sleeve seams, and partly stitched to the garment by means of criss cross diagonal box stitching 1½" onto the shirt. Ends are to be formed to a point and shall have a cut buttonhole. Epaulets shall have ⅛" wide **Navy** cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. Finished epaulets shall measure 2" wide at armhole seam and taper to 1½" wide at the point. Note: The point of the epaulet shall finish ½" from the collar seam. Ends are to be formed to a point and will have a buttonhole closure with a Ligne 22 Navy 4-hole Melamine button set on the shoulder. Button shall be stitched at the edge of a cut buttonhole eyelet, which allows passage to the shoulder supports. Shoulder supports shall be stitched at the collar seam and to shoulder seam of the shirt. Supports are to be 1" wide self-fabric.

Badge Sling:

Shirt shall have a 1½" wide self-fabric badge sling. Sling shall be single needle set to the pocket, through the eyelets, and set into the shoulder seam. Badge sling shall be folded in half and overlapped on one side.

Badge Eyelets:

Shirt shall have two horizontal eyelets centered on the left breast, over the pintucking and positioned so that the lower eyelet shall be 1" above the pocket flap and 1¼" apart.

Pockets: Shirt shall have two breast pockets with flaps and Velcro closures. Pockets are to have a center box pleat. The box pleat shall be 1½" wide. Pintucking shall run down the center of the box pleat. Pockets shall be pressed. Pockets shall be single needle edge stitch set with mitered corners. Pocket hems shall be single needle lockstitch hemmed and finished ¾" wide with turn under. The left pocket and flap shall have a 1½" wide pencil slot running top to bottom. Finished pocket shall measure 5½" wide by 5¾" deep. Top corners of pockets shall be angle tacked, and pencil stitch shall be backtacked to secure.

Hidden Chest Pocket:

There shall be a #3 YKK 6½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Flaps: **STANDARD MEN'S DIE CUT FLAPS** - Pocket flaps are to be scalloped and shall have non-woven fusible on top and the bottom side of flap. Flaps are to be double needle set to the shirt and edge stitched on the outside. Pocket flaps shall have ⅛" wide Navy cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. The left flaps shall have a 1½" wide pencil slot. Flaps shall have one button, centered and set ½" from scalloped edge (button has no closure). Both left and right pocket flaps shall have a buttonhole sewn beneath the mock button closure. Pintuck stitch shall run along center of flap and aligns with pintuck stitch on box pleat (pocket). Finished pocket flaps shall measure 2¾" on each end and 2⅞" at the center point.

Velcro: Flaps and pockets effect closure by means of four strips of Black Velcro. Strips are to be 1" long by ½" wide. The hook side of the Velcro shall be single needle set on the pocket, and the loop side of the Velcro shall be single needle set on the under side of the flap. Velcro on the pocket shall be set ½" below the finished edge of the pocket, and ¼" in from the finished side of the pocket.

Placket/Facings:

Both facings shall be folded and over/locked on the outside edge. The left front shall be folded to create a 1½" wide placket with 250-edge/lock interlining. Placket shall be ¼" topstitched on both sides.

Name Label: The left side front, facing shall have a **Woven Name Label**. The label shall be placed at the edge of the overlocked facing and 1" above the finished edge of the hem and single needle lockstitch down on all four sides.

Pintucking: Shirt shall have two rows of pintucking on the front of the shirt. Pintucking shall extend from shoulder seams through the pocket flaps, and pockets, to the bottom of the shirt.

Sleeves: Shirt shall have short sleeves. Sleeve hems shall be single needle lockstitch hemmed and finish ¾" wide with turn under. Armhole seams are to be pressed and double needle topstitched. Underarm seams shall also be pressed and double needle stitched.

Emblems: The shirt will have two emblems **Louisiana State Police** emblems. The emblems shall be centered, one on each sleeve. The emblems shall be placed ½" below shoulder seam.

Yoke: Yoke shall be cut 2-p/y. Yoke shall be clean finish set to the inside (self-fabric). Back yoke seam and shoulder seams are to be edgestitched.

Label: Woven label with printed info label. The woven label is to be single needle stitched down on all sides with the printed info label inserted at the bottom. The labels are to be centered and placed ¾" below the collar band seam on the top ply only of the inside yoke.

Back: Back shall have three rows of pintucking stitched down the back, extending from the yoke to the bottom of the shirt. One row at center back and one row on each side spaced evenly apart. There shall be four bands of silicone 3 1/8" X 9/16" sewn into the bottom of the shirt 2" from the bottom and 1/4" on the inside of the outer creases designed to work with the corresponding pant waistband for maximum shirt retention (**SRS™ shirt retention system**).

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Closure:

Front closure shall be by means of seven buttons and one separating 16" zipper. First button shall be set 1/2" below the collar seam, second button shall be spaced 3" below the first. All remaining buttons shall be spaced 3 1/2" apart. First buttonhole is horizontal. All

Remaining buttonholes are to be vertical. **Note:** Only the first, second and seventh (last) buttons are to be working buttons. The third, fourth, fifth and sixth buttons are mock

buttons. Shirt fronts shall be pressed before the zipper is set. The shirt shall have a concealed 16" black separating zipper set beneath the front placket. Zipper shall be single needle lockstitch set 3/4" below the collar seam and button tacked at top and bottom on each side.

Hem:

Bottom hem shall be a single needle lockstitch hemmed 1/4" wide, shirttail hem.

Measurements:

Sizes	14 1/2	15	15 1/2	16*	16 1/2	17	17 1/2	18	18 1/2
Chest	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2	52 1/2	54 1/2	56 1/2	58 1/2
Across Back	21 1/2	22 1/2	23 1/2	24 1/2	25 1/2	26 1/2	27 1/2	28 1/2	29 1/2
Across Shoulder	17 1/2	18	18 1/2	19	19 1/2	20	20 1/2	21	21 1/2
Sleeve Outseam	9 1/2	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2
Sleeve Inseam	7	7	7	7	7	7	7	7	7
Collar	14 1/2	15	15 1/2	16	16 1/2	17	17 1/2	18	18 1/2
Waist	40	42	44	46	48	50	52	54	56
Sweep	43 1/2	45 1/2	47 1/2	49 1/2	51 1/2	53 1/2	55 1/2	57 1/2	59 1/2
Length	33 3/4	34	34 1/4	34 1/2	34 3/4	35	35 1/4	35 1/2	35 3/4

Sizes	19	19 1/2	20	20 1/2	21	21 1/2
Chest	60 1/2	62 1/2	64 1/2	66 1/2	68 1/2	70 1/2
Across Back	30 1/2	31 1/2	32 1/2	33 1/2	34 1/2	35 1/2
Across Shoulder	22	21 1/2	23	23 1/2	24	24 1/2
Collar	19	19 1/2	20	20 1/2	21	21 1/2
Sleeve Outseam	11 3/4	12	12 1/4	12 1/2	12 3/4	13
Sleeve Inseam	7	7	7	7	7	7
Waist	58	60	62	64	66	68
Sweep	61 1/2	63 1/2	65 1/2	67 1/2	69 1/2	71 1/2
Length	36	36 1/4	36 1/2	36 3/4	37	37 1/4

Tolerances: Allowed for the above measurements are as follows:

MEASUREMENT RANGE

0" -6"
 6" -12"
 12" - 24"
 Over -24"

TOLERANCES

±1/8"
 ±1/4"
 ±1/2"
 ± 3/4"

Labeling:

Woven label with printed info label

Finishing: Each garment shall be trimmed, inspected, pressed and neatly folded.

Packaging: Garments are to be packaged one per poly bag, with shirt board with collar, three straight pins, butterfly collar support and a plastic collar insert.

Emblems: Vendor shall supply and sew on the Louisiana State Police Emblem DPS (Boot Emblem) on each sleeve of the garment. This cost shall be included in the quoted price.

DPS LONG SLEEVE UNIFORM SHIRT-MALE

Line Item No. 19 & 20:

Model: SPIEWAK SU315U
Sizes: See Size Chart Below
Color: Grey
Fabric: 100% Sorbtek (**NO SUBSTITUTES**)

Style: The shirt shall be standard military style with shirrtails and permanently stitched two front and three back creases.

Tailoring: This garment shall be constructed according to the principles set forth in these specifications. All stitches shall be of the proper tension and size so as to avoid puckering after the shirt has been laundered and to give best durable press performance. All sewing shall be with polyester core thread to match shirt fabric. The collar and cuffs are to be single stitched ¼ " from edge. The pockets, flaps and epaulets shall be edge stitched.

Collar: The collar points shall be medium spread approximately 3" in length. The outside edge of the collar shall be stitched with a ¼" edge stitch. The collar width at the back of the neck shall be 1¾". The back of the stand shall measure 1-1/2". The inside collar shall be made of a sateen fabric for comfort. There shall be a collar stay sewn inside the collar along the bottom edge of each collar to hold the collar shape and still allow the attachment of collar brass. There shall be hidden triangle collar button-down tabs sewn underneath each collar point approximately 1" wide (at the attachment point) and 7/8" long. These tabs shall be attach to hidden durable ligne 14 buttons which to keep the collar secure.

Sleeves: The sleeves shall be one piece sewn into the shoulder, tapering into the finished cuffs with pressed double pleats. The cuffs shall be attached to the sleeve with a 3/8" double needle stitch and shall be 2-5/8" in width; fastening with two durable ligne 20 4 hole 100% polyester buttons. The cuffs shall be made of two pieces of base shirt material with an interlining. There shall be a shirt cuff opening with a facing of shirt material 7" X 1" tapering to a point with a closure stitch across the facing 1½" from the point. There shall be a buttonhole approximately 4" from the point to attach a ligne 16 durable 100% polyester button. The button shall be attached to the inside facing which shall be bound with 5/8" bias cut shirt material for reinforcement. The sleeves and side closing seams shall be attached to the body of the shirt with a merrow and a safety stitch for reinforcement.

Epaulets: The epaulets shall be sewn onto the shoulder seam and shall extend to within ½" of the collar seam. Epaulets shall have a 1/8" wide **Navy** cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. The epaulet shall button at point 1" from the collar seam. The epaulet shall be 2½" wide at the shoulder seam and taper to 1½", then to a point. The overall length of the epaulet shall be approximately 8". The epaulet shall be double thickness with a single edge stitch on the perimeter. The epaulets shall be box stitched to shoulders with row of cross-stitching 2½ " from sleeve head seam. There shall be a hidden ligne 16 button attached 1¾" from the epaulet attachment button on each side under each epaulet to attach a unique microphone sling (patent applied for) to ensure that the radio microphone is in the proper place to be deployed.

Front: The front shall have a center facing 1-1/2" wide placket extending from the collar stand to the bottom of the shirt. The placket shall have an interlining for stability and a neat appearance and shall be ¼" top stitched on each side. The center front shall contain six vertical buttonholes placed ¾" from the edge and 3-1/2" apart. There shall be a button at the neck corresponding with the top buttonhole, which shall be set horizontally.

There shall be a hidden zipper sewn under the center front placket. There shall be an inside facing of self-material on the button side 3¼" wide extending from the collar stand to bottom of shirt. The buttons shall be securely attached and shall correspond to the buttonholes on the center facing. There shall be a spare line 20 and line 16 button sewn into the inside button facing. There shall be four bands of silicone 3½" X 9/16" sewn into the bottom of the shirt 2" from the bottom and ¼" on the inside of the outer creases designed to work with the corresponding SPDU pant waistband for maximum shirt retention (**SRS™ shirt retention system**)

Back:

The garment shall have a straight yoke back located approximately 4¼" below the collar seam. The inside yoke shall be lined with 100% polyester taffeta.

Pockets:

The shirt shall have two military-styled box pleated, breast patch pockets with 3-point button down flaps. The breast pocket shall be 5⅝" wide X 6⅜" long. The center pleat shall be 1½" wide. The bottom corners of the pocket shall be cut on a 40 degree angle and shall be 1¼" long. The pocket flaps shall be slightly tapered and shall be 6" wide at the top and 6¼" wide at the outside points on the bottom of the flap. (Pocket dimensions will vary with size) The flaps shall be attached to the shirt body ¼" above the top of the pocket, resulting in a complete pocket measurement of 6⅜" long. The pocket shall be edge stitched around the perimeter and shall finish with a ⅜" turn down. The pocket corners shall be reinforced with a triangle stitch in each corner. There shall be a pencil opening on both the left and right flap. The two outside points of each pocket flap shall have concealed Velcro closures. The left breast pocket shall have a sewn pencil compartment approximately 1-5/8" wide. Each flap shall have a line 20 buttons sewn to a false buttonhole on the surface of the flap.

STANDARD DIE CUT FLAPS - Pocket flaps are to be scalloped and will have non-woven fusible on top and the bottom side of flap. Flaps are to be double needle set to the shirt and edge stitched on the outside. Pocket flaps shall have a ⅛" wide Navy cordedge braid sandwiched between the flap on the outside edges and be single needle edgestitched. The left flaps shall have a 1½" wide pencil slot. Flaps shall have one button, centered and set ½" from scalloped edge (button has no closure). Both left and right pocket flaps shall have a buttonhole sewn beneath the mock button closure. Pintuck stitch shall run along center of flap and shall align with pintuck stitch on box pleat (pocket). Finished pocket flaps shall measure 2¾" on each end and 2⅞" at the center point.

Hidden Chest Pocket:

There shall be a #3 YKK 6½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Badge Tab:

The badge tab is to be reinforced on inside of the shirt by means of a strip of material 1" wide edge stitched and folded so that no raw edges show. The reinforcement strip is to extend from the flap setting stitch to the joining seam at the front of the yoke. There shall be two small (horizontal) buttonholes, 1-1/4" apart sewn through the left front and the reinforcement strip with the bottom buttonhole located 1-1/4" above the top of left flap.

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Creasing:

Pockets and pocket flaps shall be uniform in shape and size. The front and back creases shall incorporate a permanent 1/16" stitched crease.

Back: The shirt shall have three permanent creases, 1/16" wide on the back panel. One crease shall be located at the center back and shall start at the center of the yoke and continue straight down to the bottom edge of the shirt. Each of the other two creases shall be located at the midway point between the center crease and the shoulder seam on both the left and right sides of the center crease.

Front: The shirt shall also have two permanent stitched 1/16" wide military creases down each side from the shoulder seam to the bottom of the shirt centered through each front pocket and pocket flap.

Button: All buttons shall be 100% polyester and shall pass ASTM 5171-1191.84kg mass dropped from a height of 67mm.

Care Instructions: Machine wash in warm water in gentle cycle. Wash dark colors separately and rinse thoroughly. Do not bleach. Tumble-dry completely at low heat and remove promptly. If necessary, use steam iron, low setting.

Emblems: Vendor shall supply and sew on the Louisiana State Police Emblem DPS (Boot Emblem) on each sleeve of the garment. This cost shall be included in the quoted price.

MEN'S US SIZE CHART

SPDU75 MEN'S US **14 1/2** **15** **15 1/2** **16** **16 1/2** **17** **17 1/2** **18** **18 1/2** **19** **20**

Sleeve length from CB

	30/31	30/31	30/31									
	32/33	32/33	32/33	32/33	32/33	32/33	32/33	32/33	32/33	32/33		
	34/35	34/35	34/35	34/35	34/35	34/35	34/35	34/35	34/35	34/35	34/35	34/35
				36/37	36/37	36/37	36/37	36/37	36/37	36/37	36/37	36/37

SPDU15 MEN'S US **21** **22**

Sleeve length from CB

	34/35	34/35
	36/37	36/37

DPS FEMALE SHORT SLEEVE SHIRT

Line Item No. 21 & 22:

Brand and Model: Spiewak SU311U
Sizes: 32-46
Color: Grey
Fabric: 100% Sorbtek (NO SUBSTITUTES)

CONSTRUCTION/DETAILS:

Double Needle Stitching:

The shirt shall have double needle stitching on the armholes, underarm seams, side seams, and in setting of the pocket flaps

Collar:

Convertible collar shall be cut in two pieces and will have Harodite woven fusible interlining and collar stays. Collar points shall have 2¼" long collar stays placed in the front edge of the collar and stitched through and through with ¼" topstitching. Collar shall be single needle set and closed to yield a clean finish. Collar shall be pressed and ¼" topstitched. Inside collar shall have black satin polyester lining reinforcement (mock band) edgestitch set inside.

Shoulder Supports/Epaulets:

Shirt shall have shoulder epaulets that shall have non-woven fusible interlining. Epaulets shall be pressed, edge stitched, set into sleeve seams, and partly stitched to the garment by means of criss cross diagonal box stitching 1½" onto the shirt. Epaulets shall have ¼" wide Navy cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. Ends are to be formed to a point and shall have a cut buttonhole. Finished epaulets shall measure 2" wide at armhole seam and taper to 1½" wide at the point. Note: The point of the epaulet shall finish ½" from the collar seam. Ends are to be formed to a point and shall have a buttonhole closure with one button set on the shoulder. Button shall be stitched at the edge of a cut buttonhole eyelet, which allows passage to the shoulder supports. Shoulder supports are to be stitched at the collar seam and to the shoulder seam of the shirt. Supports are to be 1" wide self-fabric.

Badge Sling:

Shirt shall have a 1½" wide self-fabric badge sling. Sling is to be single needle set to the pocket, through the eyelets, and set into the shoulder seam. Badge sling is to be folded in half and overlapped on one side.

Badge Eyelets:

Shirt shall have two horizontal eyelets centered on the left breast, over the pintucking and positioned so that the lower eyelet is 1" above the pocket flap and 1¼" apart.

Pockets:

Shirt shall have two breast pockets with flaps and Velcro closures. Pockets shall have a center box pleat. Box pleat shall be 1½" wide. Pintucking shall run down the center of the box pleat. Pleats are to be pressed. Pockets shall be single needle set with mitered corners. Pocket hems are to be single needle lockstitch hemmed and finish ¾" wide with turn under. The left pocket and flap shall have a 1½" wide pencil slot running top to bottom. Finished pocket shall measure 5" wide by 5¼" deep. Top corners of pockets are to be angle tacked, and pencil stitch is to be backtacked to secure.

Flaps:

STANDARD DIE CUT FLAPS - Pocket flaps are to be scalloped and shall have non-woven fusible on top and the bottom side of flap. Flaps are to be double needle set to the shirt and edge stitched on the outside. Pocket flaps shall have a ¼" wide Navy cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. The left flaps shall have a 1½" wide pencil slot. Flaps shall have one button, centered and set ½" from scalloped edge (button has no closure). Both left and right pocket flaps shall have a buttonhole sewn beneath the mock button closure. Pintuck stitch runs along center of flap and aligns with pintuck stitch on box pleat (pocket). Finished pocket flaps measure 2¾" on each end and 2⅞" at the center point.

Hidden Chest Pocket:

There shall be a #3 YKK 6½" concealed zipper under the front placket on right side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Velcro:

Flaps and pockets effect closure by means of four strips of black Velcro. Strips shall be 1" long by ½" wide. The hook side of the Velcro shall be single needle set on the pocket, and the loop side of the Velcro shall be single needle set on the under side of the flap. Velcro on the pocket shall be set ½" below the finished edge of the pocket, and ¼" in from the finished side of the pocket.

Placket/Facings:

Both facings shall be folded and overlapped on the outside edge. The right front shall be folded to create a 1½" wide placket with 250-edgelock interlining. Placket shall be a ¼" topstitched on both sides.

Name Label:

The left side front, facing shall have a **Woven Name Label**. The label shall be placed at the edge of the overlapped facing and 1" above the finished edge of the hem and single needle lockstitched down on all four sides.

Pintucking:

Shirt shall have two rows of pintucking on the front of the shirt. Pintucking shall extend from shoulder seams through the pocket flaps, pockets, and to the bottom of the shirt.

Sleeves:

Shirt shall have short sleeves. Sleeve hems are to be single needle lockstitch hemmed and finished ¾" wide with turn under. Armhole seams are to be pressed and double needle topstitched. Underarm seams shall also be pressed and double needle stitched.

Emblems:

The shirt will have two **Louisiana State Police** emblems. The emblems shall be centered, one on each sleeve. The emblems shall be placed ½" below the sleeve seam.

Yoke:

Yoke shall be cut 2-ply. Yoke shall be clean finish set to the inside (self-fabric). Back yoke seam and shoulder seams shall be edgestitched.

Label:

Woven label with printed info label. The woven label shall be single needle stitched down on all sides with the printed info label inserted at the bottom. The labels are to be centered and placed ¾" below the collar band seam on the top ply only of the inside yoke.

Back:

Back shall have three rows of pintucking stitched down the back, extending from the yoke to the bottom of the shirt. One row at center back and one row on each side spaced evenly apart. There shall be 4 bands of silicone 3 1/8" X 9/16" sewn into the bottom of the shirt 2" from the bottom and ¼" on the inside of the outer creases designed to work with the corresponding pant waistband for maximum shirt retention (**SRS™ shirt retention system**).

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Closure: Front closure shall be by means of six buttons and one separating 11" black zipper. First button shall be set ½" below the collar seam, second button shall be spaced 3" below the first. All remaining buttons are to be spaced ¾" apart. First buttonhole shall be horizontal. All remaining buttonholes are to be vertical. **Note:** Only the first, second and sixth (last) buttons are to be working buttons. The third, fourth, and fifth buttons are to be mock buttons. Shirtfronts shall be pressed before zipper is set. The shirt shall have a concealed 11" black separating zipper set beneath the front placket. Zipper shall be single needle lockstitch set ¾" below the collar seam and button tacked at top and bottom on each side.

Hem: Bottom hem shall be a single needle lockstitch hemmed ¼" wide, shirttail hem.

Measurements:

Sizes	30	32	34*	36	38	40	42	44	46	48	50
Chest/Bust	38	40	42	44	46	48	50	52	54	56	58
Across Back	19 ½	20 ½	21 ½	22 ½	23 ½	24 ½	25 ½	26 ½	27 ½	28 ½	29 ½
Across Shoulder	14	14 ½	15	15 ½	16	16 ½	17	17 ½	18	18 ½	19
Collar	13	13 ½	14	14 ½	15	15 ½	16	16 ½	17	17 ½	18
Sleeve Outseam	8 ½	8 ¾	9	9 ¼	9 ½	9 ¾	10	10 ¼	10 ½	10 ¾	11
Sleeve Inseam	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½	5 ½
Cuff	13 ½	13 ¾	14	14 ¼	14 ¾	15 ¼	15 ¾	16 ¼	16 ¾	17 ¼	17 ¾
Waist	33	35	37	39	41	43	45	47	49	51	53
Sweep	36	38	40	42	44	46	48	50	52	54	56
Length	27 ¼	27 ½	27 ¾	28	28 ¼	28 ½	28 ¾	29	29 ¼	29 ½	29 ¾

Tolerances: Allowed for the above measurements are as follows:

MEASUREMENT RANGE	TOLERANCES
0" - 6"	±1/8"
6" - 12"	±1/4"
12" - 24"	±1/2"
Over -24"	±3/4"

Labeling: Woven label with printed info label

Finishing: Each garment shall be trimmed, inspected, pressed and neatly folded.

Care Instructions: Machine wash in warm water in gentle cycle. Wash dark colors separately and rinse thoroughly. Do not bleach. Tumble-dry completely at low heat and remove promptly. If necessary, use steam iron, low setting.

Packaging: Garments are to be packaged one per poly bag, with shirt board with collar, three straight pins, butterfly collar support and a plastic collar insert (check locator for case quantity).

Emblems: Vendor shall supply and sew on the Louisiana State Police Emblem DPS (Boot Emblem) on each sleeve of garment. This cost shall be included in the quoted price.

DPS LONG SLEEVE UNIFORM SHIRT-FEMALE

Line Item No. 23 & 24:

Model: SPIEWAK SU316U
Sizes: 30-44 Standard, 46 and up Special
Color: Grey
Fabric: 100% Sorbtek (NO SUBSTITUTES)

Style: The shirt shall be standard military style with shirrtails and permanent stitched front and back creases.

Tailoring: This garment shall be constructed according to the principles set forth in these specifications. All stitches shall be of the proper tension and size so as to avoid puckering after the shirt has been laundered and to give best durable press performance. All sewing shall be with polyester core thread to match shirt fabric. The collar and cuffs are to be single stitched ¼" from edge. The pockets, flaps and epaulets shall be edge stitched.

Collar: The collar points shall be medium spread approximately 3" in length. The outside edge of the collar shall be stitched with a ¼" edge stitch. The collar width at the back of the neck shall be 1¾". The back of the stand shall measure 1-1/2". The inside collar stand shall be made of a sateen fabric for comfort. There shall be a collar stay sewn inside the collar along the bottom edge of each collar to hold the collar shape and still allow the attachment of collar brass. There shall be hidden triangle collar button-down tabs sewn underneath each collar point approximately 1" wide (at the attachment point) and ⅞" long. These tabs shall attach to hidden durable aligne 14 buttons which to keep the collar secure.

Sleeves: The sleeves shall be one piece sewn into the shoulder, tapering into the finished cuffs with pressed double pleats. The cuffs shall be attached to the sleeve with a ⅜" double needle stitch and shall be 2-5/8" in width; fastening with two durable ligne 20 4 hole 100% polyester buttons. The cuffs shall be made of two pieces of base shirt material with an interlining. There shall be a shirt cuff opening with a facing of shirt material 7" X 1" tapering to a point with a closure stitch across the facing 1½" from the point. There shall be a buttonhole approximately 4" from the point to attach a ligne 16 durable 100% polyester button. The button shall be attached to the inside facing which shall be bound with ⅝" bias cut shirt material for reinforcement. The sleeves and side closing seams shall be attached to the body of the shirt with a marrow and a safety stitch for reinforcement.

Epaulets: The epaulets shall be sewn onto the shoulder seam and shall extend to within ½" of the collar seam. The epaulet shall button at point 1" from the collar seam. The Epaulet shall be 2" wide at the shoulder seam and taper to 1 1/2", then to a point. Epaulets will have ⅛" wide Navy cordedge braid sandwiched between the flap on the outside edges and be single needle edgestitched. The overall length of the epaulet shall be approximately 5⅝". The epaulet shall be double thickness with a single edge stitch on the perimeter. The epaulets shall be box stitched to shoulders with row of cross-stitching 2½" from sleeve head seam. There shall be a hidden ligne 16 button attached 1⅜" from the epaulet attachment button on each side under each epaulet to attach a unique microphone sling (patent applied for) to ensure that the radio microphone is in the proper place to be deployed.

Front: The front shall have a center facing 1-1/2" wide placket extending from the collar stand to the bottom of shirt. The placket shall have an interlining for stability and a neat appearance and shall be ¼" top stitched on each side.

The center front shall contain six vertical buttonholes placed $\frac{3}{4}$ " from edge and 3-1/2" apart. There shall be a button at the neck corresponding with the top buttonhole, which shall be set horizontally. There shall be an 18 ligne snap between the third and fourth button from the top to keep the shirt from gapping. There shall be a hidden zipper under the center front placket of the shirt. There shall be an inside facing of self-material on the button side $3\frac{1}{4}$ " wide extending from the collar stand to bottom of shirt. The buttons shall be securely attached shall correspond to the buttonholes on the center facing. There shall be a spare line 20 and line 16 button sewn into the inside button facing. There shall be 4 bands of silicone $3\frac{1}{8}$ " X $9\frac{1}{16}$ " sewn into the bottom of the shirt 2" from the bottom and $\frac{1}{4}$ " on the inside of the outer creases designed to work with the corresponding SPDU pant waistband for maximum shirt retention (**SRS™ shirt retention system**)

Back: The garment shall have a straight yoke back located approximately $4\frac{1}{4}$ " below the collar seam. The inside yoke shall be lined with 100% Polyester Taffeta.

Pockets: The shirt shall have two military-styled box pleated, breast patch pockets with 3-point button down flaps. The breast pocket shall be $5\frac{1}{4}$ " wide X $5\frac{3}{8}$ " long. The center pleat shall be $1\frac{1}{8}$ " wide. The bottom corners of the pocket shall be cut on a 40 degree angle and shall be $1\frac{1}{4}$ " long. The pocket flaps shall be slightly tapered and shall be $5\frac{3}{8}$ " wide at the top and $5\frac{1}{4}$ " wide at the outside points on the bottom of the flap. (Pocket dimensions will vary with size) The flaps shall be attached to the shirt body $\frac{1}{4}$ " above the top of the pocket, resulting in a complete pocket measurement of 6" long. The pocket shall be edge stitched around the perimeter and shall finish with a $\frac{3}{8}$ " turn down. The pocket corners shall be reinforced with a triangle stitch in each corner. There shall be a pencil opening on both the left and right flap. The two outside points of each pocket flap shall have concealed Velcro closures. The left breast pocket shall have a sewn pencil compartment approximately 1-5/8" wide. Each flap shall have a ligne 20 button sewn to a false buttonhole on the surface of the flap.

Flaps: **STANDARD DIE CUT FLAPS** - Pocket flaps are to be scalloped and shall have non-woven fusible on top and the bottom side of flap. Flaps are to be double needle set to the shirt and edge stitched on the outside. Pocket flaps shall have $\frac{1}{8}$ " wide Navy cordedge braid sandwiched between the flap on the outside edges and shall be single needle edgestitched. The left flaps shall have a $1\frac{1}{2}$ " wide pencil slot. Flaps shall have one button, centered and set $\frac{1}{2}$ " from scalloped edge (button has no closure). Both left and right pocket flaps shall have a buttonhole sewn beneath the mock button closure. Pintuck stitch shall run along center of flap and aligns with pintuck stitch on box pleat (pocket). Finished pocket flaps shall measure $2\frac{3}{4}$ " on each end and $2\frac{1}{8}$ " at the center point.

Hidden Chest Pocket: There shall be a #3 YKK $6\frac{1}{2}$ " concealed zipper under the front placket on left side of shirt. The pocket height shall be 9" with the pocket width extending from the facing seam to the side seam. The center of the zippered opening shall be centered at the mid-point between the top of the chest flap and the bottom of the chest pocket. The top of the concealed pocket shall align with the top of the pocket flap. Concealed shirt pocket shall be made of shirting material.

Badge Tab: The badge tab shall be reinforced on inside of the shirt by means of a strip of material 1" wide edge stitched and folded so that no raw edges show. The reinforcement strip shall extend from the flap setting stitch to the joining seam at the front of the yoke. There shall be two small (horizontal) buttonholes, 1-1/4" apart sewn through the left front and the reinforcement strip with the bottom buttonhole located 1-1/4" above the top of left flap.

Under Arm Mesh Inserts:

There shall be diamond mesh inserts under each arm made from high grade anti-microbial matching mesh.

Creasing:

Pockets and pocket flaps shall be uniform in shape and size. The front and back creases shall incorporate permanent 1/16" stitched creases.

Back: The shirt shall have 3 permanent creases, 1/16" wide on the back panel. One crease shall be located at the center back and shall start at the center of the yoke and continue straight down to the bottom edge of the shirt. Each of the other two creases shall be located at the midway point between the center crease and the shoulder seam on both the left and right sides of the center crease.

Front: The shirt shall also have two permanent stitched 1/16" wide military creases down each side from the shoulder seam to the bottom of the shirt centered through each front pocket and pocket flap.

Button:

All buttons shall be 100% polyester and shall pass ASTM 5171-1191.84 kg mass dropped from a height of 67mm.

Care Instructions:

Machine wash in warm water in gentle cycle. Wash dark colors separately and rinse thoroughly. Do not bleach. Tumble-dry completely at low heat and remove promptly. If necessary, use steam iron, low setting.

Shirt sizes:

Chest sizes: 30 - 48 (even sizes)

Emblems:

Vendor shall supply and sew on the Louisiana State Police Emblem DPS (Boot Emblem) on each sleeve of garment. This cost shall be included in the quoted price.

**UNIFORM DRESS BLOUSE
HONOR GUARD**

Line Item No. 25:

Requirements:

The production of the blouse shall be first class in every respect. All material necessary to produce the blouse must be first quality and the garments shall be clean, well finished and pressed.

Blouses in custom made to measure sizes will be required. Customer fit blouses are to be made to individual measurements and fittings. Measurements are to be taken at Louisiana State Police headquarters.

Fabric:

TIC T32409PT-1 Royal Blue

Blouse Fabrication:

- * Materials - Royal Blue, shade 55% dacron/polyester and 45% wool, 2 ply gabardine.
- * Style - five button front, no buttons on cuff, single breasted, choker collar, cut snug at waist, flare in skirt (same brown belt will be worn), double bi-swing back, rear vent
- * Collar - choker collar. The neck shall be secured with a hidden snap, reinforced with buckram and lined with satin against the neck.

Pockets:

Blouse shall have two upper outside breast pockets with pleats and scalloped flaps. The corners of the pockets shall be slightly rounded. The pleat in each pocket shall be 1 ½" wide. The blouse shall also have two lower scalloped flaps only, no actual pocket will be under the pocket flap. The blouse shall also be constructed with two inside breast pockets. The pockets shall be 5¾" wide by 6" deep. The pocket opening shall be neatly piped. Dimensions for breast and lower pockets shall be scaled in accordance with garment size and length. All four pockets will accommodate a 24-ligne State of Louisiana button. The breast pocket flap will have edge cord made of paco fabrics or approved, equal, polylin gold #1006, 100% polyester poplin weave.

Back:

Shall be constructed with a resilient true double bi-swing to facilitate movement. The opening of both the interior and exterior swing shall start 1 1/2 "below epaulet seam and extend 1 ½" above waistband. There shall be the placement of a 1 ½" elastic strap inside the lining to provide a true bi-swing.

Vent: One

Lining:

Full lining of polyester twill fabric, black in color. Front inner cloth shall be the best grade on nonwoven fusible pellon. Chest and shoulder of coat to be padded with hymo haircloth and felt, to be sewn with two rows of blindstitch including one-inch woven bridle tape. The back of the blouse is to be constructed with a bi-swing that is connected with a 1" elastic strap.

Sleeve:

The lining shall be the same as the body lining. A Louisiana State Police emblem shall be sewn on both sleeves one-inch below shoulder seam. Emblem sample shall be supplied by the Agency. There shall be a double edge cord sleeve stripe of paco fabrics or approved equal, polylin gold #1006, 100% polyester poplin weave on each edge of a 1 1/8" stripe. No buttons shall be on cuff.

Emblem:

Shall be the same design as the Louisiana State Police emblems, the background fabric of the emblem shall be made from royal blue, 12 oz., 75% dacron/polyester and 25% wool, 2-ply gabardine.

Epaulets:

Shall be 2 ¼" wide at shoulder seam and tapered to 1 ½". Each epaulet shall be box stitched and button near the collar with a 24-ligne State of Louisiana buttons. The epaulets shall be piped in pigo fabrics or approved equal, polylin gold #1006, 100% polyester poplin weave.

Seams:

Outside body seams shall be plain. Shoulder seams shall be stayed around armhole with tape from back notch to front notch.

Outlets:

Side seams - ¾" each side; ¾" in under seam. The turnout at the bottom of the cuff shall be no less than 2 ½". The turnout at the bottom of the coat shall be no less than 1 ¼".

Buttons:

Front closure: five 36-ligne, State of Louisiana police buttons. Pocket flaps and epaulets: six 24-lignes, State of Louisiana Police buttons, Waterbury Button Company or approved equal. All buttons shall be flat style and stabrite.

Buttonholes:

Shall be cut first or after type, positioned ½" from edge of coat and finished with separate bartacks.

Belt hooks:

Front and rear. Shall be removable for laundering.

Shoulder pads:

Shall be ½" thick needle punch type with 100% cotton padding fill.

Sewing threads:

All sewing threads shall be the best quality nylon, cotton polyester and blends of polyester and cotton as is applicable to specific seams. Manufacturer shall certify that the seams, sewing threads, tensile strength elongation and number of stitches per inch shall withstand the stresses exerted in the performance of the normal duties of the law enforcement officer.

Top and edge stitching: Uniform ¼" double stitching shall be used on all flaps, epaulets, upper pockets, lapel, belts, and at hem of blouse.

Cutting:

Garments are to be cut from computerized patterns utilizing a Lectra or Gerber computerized cutting systems. This modern equipment provides and ensures the production of extremely precise patterns as well as properly aligned seams for future alterations. In maximum garment draping qualities and consistent sizing, this equipment makes possible the production of a complete set of individual customized patterns further assuring continuity in visual effect.

Fitting:

All uniform garments shall be custom made to the measurements taken of the individual. All measurements shall be taken in the presence of an official designated by the Louisiana State Police. This official shall also be present at the try-on in the baste; shall approve alterations and acceptance of the finished product. Measurements shall be recorded and the Louisiana State Police representative shall retain one copy until acceptance of the final garment is approved, at which time it will be surrendered upon demand by the Contractor. Acceptance or rejection of the garments shall be at the discretion of the above designated official. One try-on in the baste is required and one alteration permitted. If the uniform is judged to be unacceptable after one alteration, it will be rejected and a new garment shall be produced. A rejected uniform may not be accepted after alteration for any other individual.

Color:

The color shall be royal blue. The color shall be obtained by the stock dye process.

Standards:

Color fastness (carbon-arc type fadometer):

- * To light: 20 hours, no appreciable change in shade of color.
- * To dry cleaning, perspiration and crocking: must meet commercially acceptable minimum standards according to the A.A.T.C.C. test methods (132-1976, 15-1976), Class 4 transference of or alteration in color after dry cleaning; perspiration acid and alkeline; as well as wet and dry crocking tests.

The residual sizing, finish, protein or other non-fibrous material, including chloroform soluble and water-soluble material, shall not exceed 2%.

Fabric abrasion:

Must meet commercially acceptable ratings.

Certification:

Vendor shall be responsible for all requirements, specifications and standards and shall certify compliance with all of the above. All blouses shall be properly sized and delivered clean and well pressed.

Labeling:

All coats are to be custom made for each individual officer, to be produced and filed in CAD computer system (computer aided design). All coats are to have a care label permanently affixed, with the department name, officer's name, manufacturer's name, specification, size, and date of manufacture. They are also to have a tracking code (bar code), which corresponds to the packing slip and invoice number.

Additions:

There shall be a self-goods badge holder sewn above the left breast pocket, 2" long by 1" wide, with two brass eyelets and sewn all the way around.

**UNIFORM TIES
CLIP-ON**

Line Item No. 26 - 29: Samuel Broome Cravats or Equal

Design: Pre-tied on large metal bendover clip, knot lock tacked in place, tropical bengelene weave, fabric to be 55% dacron polyester, 45% wool.

Length: Finished length from top of knot to tip of tie to be: regular length:
16 ¼" to 16 ¾"
Long length: 19 inches WIDTH AT

Width: Widest point 3 ½"

Fabric: 55/45 - 970 Range

Color: Royal blue

Weight: Weight of fabric 7 to 7 ½ ounces

Label: Each tie shall bear a label stating the manufacturer of the necktie and the contents of the material.

Packaging: Ties shall be packaged one dozen per box. Each tie shall be shipped with an individual cardboard insert to retain shape during shipping.

**UNIFORM TIES
FOUR-IN-HAND**

Design: Necktie, four-in-hand, frenchcuff ends, tropical weave, fabric to be 55% dacron polyester, 45% wool.

Length: Regular-57", long-61"

Width: Width at widest point 3 ½"

Fabric: Worsted wool blend, 55/45

Color: Royal Blue

Weight: Weight of fabric 7 to 7 ½ ounces

Packaging: Ties shall be packaged one dozen per box. Each tie shall be shipped with an individual cardboard insert to retain shape during shipping.

MID LENGTH REVERSIBLE JACKET

Line Item No. 30 & 31:

Model: Spiewak S317V

Design:

The jacket shall be a full cut, hip length, reversible design with a waterproof/breathable ANSI 107 Class 3 compliant visibility side. The jacket shall comply with all the requirements to meet the ANSI 107-2004 standard without exceptions. The jacket shall have zippered side vents. The jacket shall be 32" in length.

Shell Fabric:

The shell fabric shall be 3.2 oz. 100% Tactel Nylon with a non-ravel Urethane back coating. The shell fabric shall have a durable water repellent finish. The count shall be 160 x 70.

Body Detail – Front:

The front shall have a straight yoke approximately 9½" from the high point shoulder with two, rainproof, zippered pockets covered with a 2" wide velcro, 13½" long. The pocket zippers shall be YKK #3 coil type 9" long. There shall be a pencil pocket sewn inside the zipper of the pocket on the pocket facing running parallel with the flap on both sides. The pocket shall be lined with black kasha. There shall be a badge tab on the left breast 4½" from the center zipper to the center badge tab located ¾" above the chest yoke. The badge tab shall be made of shell material and 2 oxidized black metal eyelets spaced 1 ¼" apart center to center. There shall be a 2" bottom band made of shell material (front and reverse) which shall be edge stitched ¼" all around. There shall be a urethane coated YKK #5 reversible waterproof nylon front coil zipper measuring approximately 32" from the top of the collar to the bottom of the waistband. The zipper bottom shall be reinforced by bar tacks. There shall be a 16" nylon coil zippered side vent on both sides. There shall be a 4½" snap tab closure at the bottom of each side vent to secure the waistband when the vent is worn open. The snap tab shall fasten to one of two male snaps spaced 1¾" apart on the front of the waistband. There shall be oxidized metal eyelets on each side of the side vent for moisture drainage. The snaps shall be ligne 24 D & G brand, spring loaded metal oxidized non-rusting nipple snaps.

Sleeves:

The sleeves shall be 2-piece and finished with a 1½" elasticized cuff. The cuff shall be formed of shell material on the inside as well as the outside. On the undersleeve seam there shall be a hidden #3 nylon coil access zipper measuring 8¼" in length. The zipper shall provide access for attaching sleeve emblems without compromising the waterproof reverse shell of the garment. An oxidized metal eyelet shall be provided at the cuff to allow for moisture drainage.

Collar and Hood:

The stand-up collar shall be 4" in width and made of two pieces of self-material with an interlining. The collar shall be dark navy on both the front and the reverse Hi-Visibility side.

There shall be a waterproof, coated, 7" coil non-separating zipper located at the base of the collar on the reverse Hi-Visibility side which shall contain a full 3 piece waterproof/breathable drop in hood. The Hood shall be made with the shell fabric and lined with the Hi-Visibility reverse shell and shall have elasticized shock cord and sewn-in cord lockers for adjustment. There shall be a welt covering over the collar zipper for neck protection.

Epaulets:

The epaulets shall be made of shell fabric. They shall be sewn into the sleeve head seam; "X" stitched, and fastened to the jacket at the neck. The epaulets shall measure 8" in length and 2" in width. There shall be a black oxidized female snap 1" from the end of the epaulet that shall fasten to a male snap approximately 1½" from the neckline.

Emblems and Embellishments:

There are two possible emblem applications (depending on which Agency is wearing the jacket) There shall be either one LA State PD patch sewn on each shoulder, 1" down from shoulder seam, on the navy side of the jacket **OR** there shall be one LA DPS patch sewn on each shoulder, 1" down from shoulder seam, on the navy side of the jacket. There shall be 3" silver reflective lettering heat applied on the back of the jacket at shoulder blades on the high visibility yellow side to read: STATE POLICE (two lines). The heat application process for the silver reflective lettering is as follows: Reflite - safety silver PSI - 40-50 lbs. of pressure Temp - 285 deg., Pre-heat for 6 seconds, put graphic down, heat 4 seconds. Cool. Peel backing. Cover. Hit 10 seconds. Ensure no creases in garment. Separate shell from lining.

Thread:

All sewing shall be done with polyester core thread or 100% spun polyester thread.

High Visibility Reverse Shell

Shell Fabric:

The high visibility fabric shall be VizMax™ Milaire Omega II polyester or approved equal designed to comply with ANSI 107-2004 and EN 471. The fabric shall be windproof and waterproof with a 100% polyester face and polyurethane backing that shall allow for moisture vapor transmission (breathability). All seams and retro-reflective tape shall be sealed with hot air applied tape to ensure waterproof integrity. The minimum fabric requirements shall meet the performance levels listed below.

Fabric Performance

Fabric Composition: 64% Polyester (face) /36% Polyurethane (backing)

<u>Property</u>	<u>Units</u>	<u>Typical Value</u>	<u>Method</u>
Weight	gsm	180	BS3424pt1
Width	ems	148	BS3424pt1
Tensile Strength	N/50mm	Warp 1050	BSENISO1421
Weft 850			
Tear Strength	Newtons	Warp 45	BS3424pt5
Tongue	Weft	45	
Hydrostatic Head	Kpa as rec	>30	BS3424pt26
After wash	>30		
After Flex	>30		
Breathability	%	80	BS7209
Water Vapor	Pa/W	Rct7m2	DIN EN 31 092

Pockets (Reverse side):

There shall be two rain proof pockets on the reverse side of the garment, with a vel covering finishing approximately 2" wide and 11" long secured in the side seam of the jacket. Beneath the vel cover, there shall be YKK #3 coil pocket zippers 9" long. There shall be a pencil pocket sewn inside the zipper of the pocket on the pocket facing running parallel with the flap on both sides. The pocket shall be lined with black kasha. The pockets shall extend from the bottom of the top band of retro-reflective material to the side seam.

Fabric Performance Test Method

Colorfastness of Material after Xenon Test:

The color after exposure shall be within the areas defined by the coordinates provided in the Standard Table 3. The light fastness of the test sample shall be determined in accordance with ISO 105-B02: 1994 Method 1.

Results:

Fluorescent Yellow	4.8
Fluorescent Orange	4.8

Colorfastness to Crocking:

The color fastness to crocking both wet and dry shall be at least a 4.0 by the Gray scale for Staining in accordance with AATCC 8-1996

Dry:

Fluorescent Yellow	5.0
Fluorescent Orange	4.5
Wet	
Fluorescent Yellow	4.5
Fluorescent Orange	4.5

Colorfastness to Perspiration:

The color fastness to perspiration should be at least a grade 4.0 for color change by the Gray Scale for color change in accordance with AATCC 15-1997.

Fluorescent Yellow	5.0
Fluorescent Orange	5.0

Colorfastness to Laundry

Machine Laundering Domestic Test Method AATCC 61(2A):

Fluorescent Yellow	5.0
Fluorescent Orange	5.0

Machine Laundering Domestic with Bleach Test Method AATCC 61(2A):

Fluorescent Yellow	4.5
Fluorescent Orange	4.5

Machine Laundering Commercial Test Method AATCC 61(3A):

Fluorescent Yellow	4.5
Fluorescent Orange	4.5

Machine Laundering Commercial with Bleach Test Method AATCC 61(4A):

Fluorescent Yellow	4.5
Fluorescent Orange	4.5

Heat: Hot Pressing Test Method AATCC

133

Dry Pressing @ 110° C

Fluorescent Yellow	5.0
Fluorescent Orange	5.0

Dry Pressing @ 1500 C

Fluorescent Yellow	5.0
Fluorescent Orange	5.0

Dry Pressing @ 200 C

Fluorescent Yellow	4.5
Fluorescent Orange	4.5

Key to AATCC Gray Scale Rating (applies to all above):

- Class 5 - Negligible or no color alteration
- Class 4 - Slight color change
- Class 3 - Noticeable color change
- Class 2 - Considerable color change
- Class 1 - Much color alteration

Dimensional Change of Background Material:

The dimensional change of background material shall not exceed +/-4% in length and +/- 2% in width.

Test Method AATCC 135-1995 (3) IIIA (iii):

Machine Wash @ 105° F Permanent Press Cycle/ Tumble Dry Perm. Press Cycle

Fluorescent Yellow		
Length	0.6%	4.0% max.
Width	0.6%	2.0% max
Fluorescent Orange		
Length	1.0%	4.0% max
Width	0.4%	2.0% max

Test Method AATCC 96 IIIe-A:

Commercial Laundering @ 145° F Tumble Dry Fluorescent Yellow

Length	1.1%	4.0% max
Width	0.7%	2.0% max
Fluorescent Orange		
Length	1.1%	4.0% max
Width	0.7%	2.0% max

Determination of Color -ANSI 107-2004:

The color shall be measured in accordance with the procedures defined in ASTM E1164-94 with polychromatic illumination D65 and 45/0 (0/45) geometry and 2° standard observer. The specimen shall have a black underlay with a reflectance of less than 0.04

Fabric Performance

Fabric Composition: 64% Polyester (face) /36% Polyurethane (backing)

<u>Property</u>	<u>Units</u>	<u>Typical Value</u>	<u>Method</u>
Weight	gsm	180	BS3424pt1
Width	ems	148	BS3424pt1
Tensile Strength	N/50mm	Warp 1050	BSENISO1421
Weft 850			
Tear Strength	Newtons	Warp 45	BS3424pt5
Tongue	Weft	45	
Hydrostatic Head	Kpa as rec	>30	BS3424pt26
After wash	>30		
After Flex	>30		
Breathability	%	80	BS7209
Water Vapor	Pa/W	Rct7m2	DIN EN 31 092

Care Instructions:

Wash at 40 deg. Celsius wool cycle, do not tumble dry, iron at cool setting (fabric side), do not fold away wet, do not bleach.

Reflective Tape:

3M 8930, VizMax® Gia retroreflective or equal. Minimum requirements:

Thickness	260-270 Microns
Weight	300-320 g/m2
Composition	Glass bead 30-40%
Polyurethane	30-40%
Polycotton T/C	20-30%

There shall be 2" wide silver reflective tape sewn to the shell for nighttime safety. The reflective properties of the reflective tape and configuration shall meet and exceed the EN-471 and ANSI 107 Class 3 minimum requirements. A letter of compliance for the reflective tape must be provided with your bid, or within seven business days of request by OSP. The placement configuration shall consist of two horizontal bands of 2" reflective tape placed 10" apart and 4" above the waistband on the body. There shall a band of reflective tape on the sleeve approximately 2" above the cuff and another band approximately 3½" from the shoulder seam.

Other Body Details (ANSI compliant reverse side):

There shall be a badge tab made of the high visibility shell fabric, 1" wide with two metal eyelets spaced 1¼" vertically apart. It shall be placed on the left breast 4" above the top horizontal reflective band and approximately 3½" from the front zipper (size large reg). The collar, cuffs and the waistband shall be of Tactel nylon matching the color of the front side. There shall be an inside facing of Tactel nylon matching the shell of the front side extending to the top reflective band to prevent "see-through" of the fluorescent and reflective fabric when the jacket is worn partially open. There shall be a mike tab on each shoulder measuring 2½" long X 1" wide located approximately 4½" from the neck seam of the collar.

Note:

In order to provide an exact image and performance match to our existing rain wear program the details of the written specifications contained herein must be followed exactly. Our goal is to create a conceptual program that enhances the performance and image of our uniformed personnel. Therefore, the new items must use the identical fabrics, color, components, and sizing that we currently use in our existing rain wear program. No exceptions will be allowed.

Size tag and care instructions:

Each jacket shall have a sewn-in woven size label and care instructions in the front left pocket.

Sizes:

Regular: S - 5XL Long: M - 6XL

Measurements in above specifications are based on size Large/Regular.

FULL LENGTH REVERSIBLE RAINCOAT

Line Item No. 32 & 33:

Style: Spiewak S309 (NO SUBSTITUTES)

Color: Black/Yellow (062)

Design: The Raincoat shall be full-length, single layer, reversible, and waterproof. The raincoat shall have a triple fly front with a snap closure and side access pockets. Double needle construction shall be used throughout and all seams shall be taped to prevent leakage. All measurements mentioned in the construction specifications are based on stock size Large/Regular.

Shell Fabric: The shell fabric shall be single layer, 100% Nylon 200D Oxford, with a permanent polyurethane pigment coating. The shell fabric shall have a durable, water repellent finish with a minimum spray rating of 90. The reverse high visibility pigment coating side shall meet the requirements for certification to ANSI 107-2004 and EN 471 standards.

Body Detail: The front of the garment shall have two large welt access pass throughs measuring approximately 11" long to allow for access to equipment and/or weapon. There shall be a badge tab located on the wearer's left chest on the black oxford shell side and on the wearer's left chest on the high visibility yellow side. The badge tab shall be made of self-fabric with two, matte black oxidized ligne-14 metal eyelets located 1¼" apart center-to-center for badge attachment when wearing garment either side out.

On the wearer's right hand side there shall be a 2¼" wide center front placket of black shell material. The placket facing shall attach with ligne 22 metal oxidized snaps to approximately a 3" inside fly and approximately a 3" outside fly to ensure watertight integrity. There shall be six snaps on each side of the facings. The coat shall measure approximately 48" long (size Large/Regular) from the neckline to the bottom of the coat.

There shall be a ⅝" turn up around the entire bottom sweep of the raincoat. There shall be a black collar formed by two pieces of shell material approximately 4" wide at center back with 4" collar points.

Pockets: The access side openings shall be finished with a 14" by 1¾" two-ply welt of self-material.

Reflective Tape: There shall be 2-inch wide 3M 3710 Scotchlite retro-reflective tape laminated to the high visibility yellow side of the garment for visibility and safety of the wearer. The retro-reflective tape performance and configuration shall meet and exceed the EN-471 and ANSI 107-2004 Class 3 minimum requirements.

Emblems and Embellishments: There are two possible emblem applications (depending on which Agency is wearing the jacket) There shall be either one LA State PD patch sewn on each shoulder, 1" down from shoulder seam, on the black side of the jacket **OR** there shall be one LA DPS patch sewn on each shoulder, 1" down from shoulder seam, on the navy side of the jacket. There shall be 3" silver reflective lettering heat applied on the back of the jacket at shoulder blades on the high visibility/yellow side to read: STATE POLICE (two lines). The heat application process for the silver reflective lettering is as follows: Reelite - safety silver PSI - 40-50 lbs. of pressure Temp -285 deg. Pre-heat for 6 seconds. Put graphic down, heat 4 seconds. Cool. Peel backing. Cover. Hit 10 seconds. Ensure no creases in garment. Separate shell from lining.

Sleeves: The sleeves shall be raglan one-piece, raglan, sewn double needle and finished with a $\frac{3}{8}$ " elasticized sleeve cuff. All sleeve seams shall be sealed on the fluorescent yellow side with hot air sealing tape to prevent water leakage.

Hood: There shall be a three piece, reversible hood that snaps onto the collar. The hood shall have a 39" tunneled draw cord made of multi strand braided, nylon covered, $\frac{1}{8}$ " wide, black in color and sewn into a channel at the perimeter of the hood with adjustment secured by a push to release barrel lock. The tension loaded barrel lock shall measure approximately 1" long x $\frac{3}{8}$ " wide x $\frac{1}{4}$ " deep and shall be black in color.

Snaps: The snaps on the garment shall be ligne 22 matte black metal snaps with a plastic washer backing for reinforcement.

Size Tag and Care Instructions:

Each jacket shall have a sewn-in woven size label, content label, care instructions, and ANSI pictogram showing garment is Class 3 and attached to the inside wind fly.

Sizes: Regular: 6-XL

**HIGH VISIBILITY PUBLIC SAFETY VEST
ANSI/ISEA 207-2011 COMPLIANT**

Line Item No. 34 & 35:

Model: SPIEWAK S912V OR

Equal Specification:

The following specification outlines the garment requirements for High Visibility Personal Protective Equipment designed for enhanced visibility while working in or adjacent to the roadway for Public Safety Personnel and First Responders. The performance and design criteria of this garment are established to provide wearer conspicuity and enhance high-visibility over a wide range of lighting and environmental conditions in the work setting such as twilight, overcast, rain, snow, daylight, and night.

High Visibility Garment (HVG) Construction:

The HVG shall be home launderable.

All materials shall be durable.

The garment must fit comfortably on wearer and thus promote continuing use.

HVG Base Material:

Base fabric shall be 100% lime-yellow polyester knit mesh with a density to meet ANSI 207-2011 specifications as a fluorescent background material.

The minimum fluorescence is 4.0.

Shrinkage shall be less than 3% warp, 3% fill.

Piling shall meet a random tumble level minimum 4.5.

Garment shall have a bias binding around the edges of the vest. The binding shall have a 0.5" width and shall be of high visibility fluorescent fabrics matching the background mesh.

HVG Marking Material:

The high visibility tricot trim shall be ANSI 207-2011 compliant. It shall be 4.5" wide and of 100% polyester tricot. The trim color shall be fluorescent lime-yellow color and piece-dyed for stability. All retro- reflective material shall be 3M 8710, 2" wide silver film thermo fuse bonded onto the center of the 2½" wide black cord.

The fluorescent lime-yellow trim material shall be sewn onto the vest for maximum conspicuity. It shall be sewn vertically over each shoulder, down the front and back and with a horizontal trim band sewn around the torso to maintain 360-degree visibility of wearer.

HVG Labeling:

Each garment shall have a VizGuard® by Spiewak woven main label and a woven size and care label sewn under the main label. Each garment shall have an ANSI compliant pictogram denoting ANSI 207- 2006 compliance and a 3M woven label.

HVG Closures:

The front zipper closure shall be a #5, heavy-duty black nylon molded zipper that shall measure approximately 8" long (size 2XL).

HVG Sizing:

The garment is available in the following size range to promote year round use and so that wearer can adjust the safety vest for use in warmer climates over a t-shirt and for colder weather over an Agency issued duty jacket:

Medium =	(XS - Medium)
XXL =	(Large - 2XL)
4XL =	(3XL - 4XL)
6XL =	(5XL - 6XL)

Note:

Size 2XL shall have a front length of 25" and a center back length of 25" so as not to deny access to wearer's equipment belt or other items worn by wearer.

HVG Size Adjustment System:

The side closures shall be constructed of compliant trim, as specified, on both sides utilizing Power Hook and Loop closures for 360-degree visibility of wearer at all times. The Power Hook and Loop shall be heavy-duty, fluorescent yellow color. The side adjustment pieces shall consist of two horizontal 1" loop pieces sewn the width of the front horizontal trim panel and two 1" x 4.5" hook pieces sewn on the loose adjustable trim portion to attach to the under panel. The size adjustment system must allow for a minimum of 24" of adjustment.

HVG Pockets And Enhancements:

There shall be an inside pocket on the wearer's left side utilizing Power Hook and Loop closures so that the safety vest can be stored in the pocket when not in use thus keeping the vest clean. There shall be two silver, retro-reflective mic tabs, one on each shoulder, measuring 4¾" long x 1" wide with a center opening for mic attachment measuring 1⅞" wide. There shall also be two pen pockets, one on each side of the vest, measuring 4½" long x ¾" wide and made of ANSI 207-2011 compliant lime-yellow tricot. The pen pockets shall be placed on the tricot starting at the top of the side adjustment band and placed closest to the zipper on both sides. The garment shall have a 5-point breakaway Power Hook and Loop breakaway system at the shoulders, sides, and front closure for wearer's safety.

*****REQUIREMENTS.*****

ALL documentation listed below must be provided with the bid, or within seven business days of request by OSP, and must be dated prior to the bid posting date. Failure to provide any and all documentation below may result in immediate disqualification of bid.

Note:

Failure to meet any of the below requirements may result in immediate disqualification of bid.

1. Finished garments must be third party tested, based on a size small/regular, by an independent, accredited laboratory and the results must be provided.
2. Manufacturer must be ISO 9001: 2008 certified and a copy of certificate shall be provided.
3. Third party independent test results on the background fabric and retro-reflective tape shall be provided.
4. All ANSI documents must be in ANSI/ISEA 207- 2011 format (Reflective tape, background fabric, trim, High-Visibility Public Safety Vest).
5. If bidding other than the specified Spiewak product, the apparent successful bidder must provide third party independent test reports showing that the following components meet the written specifications herein for:
 - Reflective tape
 - Zippers
 - Mesh fabric
 - Trims
 - Hook and Loop
6. If bidding other than the specified garment, and in order to ensure this is a stocked, ongoing program, the apparent successful bidder must list at least 12 agencies of 500 personnel or larger, that are currently using the product submitted, and must provide the agency name, contact, and telephone number.
7. The Manufacturer must provide a published lifetime or limited lifetime warranty against product defects, component failure, and waterproofness. There will be no special warranties accepted for this specification.

WEATHERTECH WATERPROOF / BREATHABLE JACKET SHELL

Line Item No. 36 & 37:

Model: SPIEWAK S3616 (NO SUBSTITUTES)

Shell Fabric:

The shell fabric shall be Tactel™ - 100% Nylon two-ply with a water repellent finish.

INSIDE DETAIL

Permanent Body Lining:

Cloth type: 100% Nylon Taffeta, 70 Denier warp and fill, color black, with a waterproof /breathable WeatherTech™ coating. All lining joining seams shall be safety stitched and then sealed with 1" heat sealed tape to prevent leakage. The tape shall be applied by hot air method. All stitching through the shell lining shall be sealed with waterproof tape. The lining material shall extend through the top collar of the shell garment to form a waterproof barrier. There shall be 2 compression snaps at the seam joining point and opposite, approximately 2¼" from the sleeve bottom, to attach the S327 Public Safety Fleece Jacket as a liner.

The shell jacket lining shall be 100% 210T nylon taffeta. There shall be inside zippers sewn on top of front zipper tape, on both sides to accommodate a zip-in liner such as the S327 fleece. The inside facing zippers shall be #5 Delrin reversible measuring approximately 26" long. There shall be an 8" nylon coil zipper on a facing of shell material for access to the outer shell for embroidery or customization to the left front without sewing through the lining.

Front:

There shall be a 2-way zip to the neck YKK zipper with a double storm fly that secures with 6 snaps (size Large/Regular).

Pockets:

There shall be two zippered pockets, one on each side under the double covered wind fly. Each pocket shall measure 9" long. There shall be two, 2-way front pockets on the outside front of the jacket shell which shall be lined with fleece and snap close. Next to each front pocket, closest to the zipper, there shall be two Val covered, zippered storage pockets. Each pocket shall measure 8" long. Inside the jacket there shall be two welt covered, zippered storage pockets made of shell fabric on the outside and lining fabric on the inside of each pocket. The pockets shall measure 9¼" long by 6½" wide (+.5").

Epaulets:

There shall be two crossed stitched epaulets that attach to the shoulders of the garment with a snap. The epaulets shall measure 7" long by 2" wide and forming a point at the end closest to the neckline (size Large/Regular).

Bottom Band:

There shall be an elasticized back bottom band with a full front bottom band. There shall be zippered side vents that have a double snap adjustment on each side. The side vent zippers shall measure approximately 10" long.

Sleeves:

The sleeves shall be two-piece, semi-modified dolman construction for complete freedom of movement. There shall be a black enameled eyelet located approximately ½" up from each cuff to allow for drainage. The shoulder seams shall have an inside facing on the sleeve side, 1½" wide, of WeatherTech® waterproof/breathable material and taped with sealing tape to prevent leakage. The reinforcement patch shall be five sided. The under sleeves shall feature ventilating pit-zips with #5 Delrin zipper that measure approximately 12" long. The pit-zips shall be covered with a welt of shell material 12" long X ½" wide.

Cuffs:

There shall be a cuff formed of two pieces of shell material approximately 1½" wide at the bottom. Half of the cuff shall be heavy-duty elastic stretched and sewn with two threads. There shall be a cuff tab adjustment approximately 1¼" wide tapering to approximately ¾" wide by 3" long with a female snap. The top half of the cuff shall be interlined and shall have 3 male snaps for cuff adjustment.

Hood:

There shall be a Val covered zipper with a 3-piece, drop in, waterproof hood. The Val cover shall measure 8¾" long. The hood shall be constructed of shell material and lined with a WeatherTech™ waterproof/breathable lining that shall drop in between the shell and lining at the collar. The hood shall be attached to the bottom of the zipper opening on the under collar. The under collar opening shall be approximately 1" from the neckline and 2½" from end of the collar and close with a 7" nylon coil zipper. All hood lining joining seams shall be taped with 1" waterproof tape applied by the hot air method to prevent leakage. There shall be an elasticized draw cord with double hole, self-contained cord locks for hood adjustment and inserted into each side of the hood.

Badgetab:

The tab shall be placed in the front pocket, attached with a swift tab, and shall be 3¼" in length and 1" in width unfinished. The eyelets shall be 1¼" from the center of one oxidized metal eyelet to the center of the other oxidized metal eyelet.

Collar:

The collar shall be made of two plies of the shell material with an interlining sewn to the top collar for stability and measure 3¾" high. The collar points shall be well shaped and symmetrical. There shall be a 7" nylon coil zipper opening on the under collar centered approximately 1" up from the neckline and 2½" from the top of the collar edge for the drop in hood. There shall be 4" triangle covers on both edges of the collar to secure the optional jacket liner collars when inserted into the shell parka.

Snaps:

All snaps shall be spring loaded compression snaps.

Color:

Dark Navy (011)

Sizes:

Regular	Small-5XL
Long	Medium-5XL

Note:

In order to provide an exact image and performance match to our existing rain wear program the details of the written specifications contained herein must be followed exactly. Our goal is to create a conceptual program that enhances the performance and image of our uniformed personnel. Therefore, the new items must use the identical fabrics, color, components, and sizing that we currently use in our existing rain wear program. No exceptions will be allowed.

The primary focus is to establish an outerwear program that will allow all components to either zip-in, layer, be worn separately, or match our current rain wear program to allow for personnel to be uniform whether they are in a tactical, high visibility, cold weather, spring weather, rain, sleet, or snow situation. This program is designed to give our personnel as much individual choice as possible to meet the variety of work situations, conditions, and environments that LSP faces, while providing a mandatory uniform image.

SOFT SHELL JACKET/LINER

Line Item No. 38 & 39:

Model: SPIEWAK S318ZX (NO SUBSTITUTES)

Design:

The garment shall be full cut, waist length intermediate soft-shell jacket with performance features designed for public safety use. The garment shall have a full zip front to the top of the collar, side vent zippers, adjustable sleeves, wind-toggle system, two front waist draw cords, a back elastic gripper, and zippered hand warmer pockets. All dimensions and lengths are based on men's size large. Dimensions and lengths for all other sizes must be graded appropriately.

The S318Z must be compatible to be able to zip into any of the existing Weathertech® waterproof shell jackets.

Fabric:

The fabric shall be a 3-layer soft-shell whose content is 80% polyester 20% polyurethane and whose construction is 270T/75D and weight of 315gsm. The three layers are as follows: outer face made of 100% polyester mechanical high-elastic PPT fiber, inner face made of 100% polyester 100D/144F 165-175gsm non-pill fleece, and a waterproof/breathable hydrophilic polyurethane membrane bonded in-between.

Body Detail:

The front zipper shall be a 26-inch YKK #5 Vision molded zipper. There shall be an inside storm placket with a stretch bound edge and rounded at outer corners of the top and bottom ends. The hand-warmer pockets shall have a 7" long #5 nylon coil reversed teeth zipper. The hand warmer pockets shall be lined with 100% polyester soft tricot. Shoulders feature mic-tabs/epaulets permanently affixed and made from the same shell fabric, placed atop a stitched triangular panel wider at the shoulder (5") and narrower at the neck seam (2¼"). The epaulets shall be 1¾" wide. The epaulet shall be sewn down at the armhole seam, the neck seam and the horizontal edges except for a 2½" opening to accept a mic device. The opening shall be bartacked at both ends. The body of the jacket shall be tapered to allow the garment to be tucked. The sleeves shall be constructed with a separate stitched panel below the elbow. The inside of the sleeves shall be fully lined with 100% polyester smooth soft Tricot mesh, for wearer comfort, and ease of use. The gusseted cuff shall be gathered and sewn with elastic and a closure tab using power hook and loop. There shall be a loop made of shell fabric at the lower cuff sewn into the gusset seam to allow for sleeve attachment into any of the compatible Weathertech® systems shell jackets. There shall be side panels constructed under each armhole and #5 10" nylon coil side vent zippers at the bottom that shall allow access to equipment or duty belt. There shall be a 7" zippered side pocket, which aligns with the front seam of the side panel on each side of the garment. There shall be a snap tab approximately ⅞" wide by 2" long at the bottom of the side vent zipper equipped with the female snap head at the end of the tab designed to snap to the male side of the snap which shall be placed on the front bottom sweep of the jacket.

Inside Detail/Pockets:

Two large inside pockets are to be in the garment constructed of two layers of tricot with a bound opening at the top. The inside pockets shall extend from the center front to the front seam of the side panels. There shall be a tunneled draw cord at the bottom sweep on the front of the jacket. The tunnel shall be created by folding the hem of the shell fabric at the base of the garment. The draw cord shall be elasticized and the ends of the draw cord shall be sewn down inside the tunnel at the front placket vertical seam and the side seam of the front panel and shall exit the tunnel at either side of the garment through two finished eyelet holes. At the exits the draw cord shall have a bead and barrel lock to allow the cord to be tightened. There shall be a snap tab on each front panel side seam on the inside of the garment 1½" up from the bottom to secure the elasticized shock cord when tightened. The snaps on the tabs shall be compression 24L black oxidized snaps with matte finish caps. The back bottom inside band of the garment shall have a 1" wide elasticized gripper.

Emblems/Embellishments

Each soft shell jacket shall have an agency emblem attached to each sleeve and the LSP Badge Logo Embroidered on the left chest.

Color:

NAVY (011)

Care:

Garment to be fully machine washable, cold water. Do not bleach. Tumble dry low heat, gentle cycle. Do not use fabric softener. Do not iron. Do not commercially launder and do not dry clean.

Sizes:

Regular S - 5XL

Long: M – 5XL