

TROUSERS AND BREECHES - MPD UNIFORM

THIS SPECIFICATION AND ANY ACCOMPANYING SPECIFICATION OR BID CAN BE APPEALED.

YOUR APPEAL MUST BE SUBMITTED IN WRITING TO THE CITY PURCHASING DIRECTOR FOR ALL BIDS NO LATER THAN (5) FIVE WORKING DAYS PRIOR TO BID OPENING.

YOUR APPEAL MUST NOT ONLY IDENTIFY THE PROVISION, TERM OR CONDITION THAT IS CAUSING PROBLEMS, BUT ALSO YOUR PROPOSED ALTERNATE POSITION, TERM OR CONDITION AND BE SUPPORTED BY TECHNICAL DATA, TEST RESULTS AND OTHER INFORMATION.

CONTACT THE APPROPRIATE PURCHASING AGENT OR THE PROCUREMENT SPECIALIST FOR APPEAL FILING INSTRUCTIONS.

APPEALS RECEIVED LATER THAN (5) WORKING DAYS PRIOR TO THE BID OPENING OR WITHOUT SUFFICIENT DETAILS **WILL NOT BE CONSIDERED.**

NOTICE

EFFECTIVE AUGUST 8, 2001

AN APPEAL FEE OF 1% OF THE ESTIMATED DOLLAR AMOUNT OF THIS CONTRACT IS REQUIRED WITH A BID SPECIFICATION APPEAL. THIS FEE IS A PREREQUISITE FOR PURSUING THE APPEAL AND MUST ACCOMPANY THE APPEAL. THE APPEAL FEE WILL BE RETURNED IF THE APPEAL IS UPHELD.

CAUTION: A BID THAT DOES NOT FULLY COMPLY WITH ALL OF THE PROVISIONS, TERMS, AND CONDITIONS OF THIS OR ANY ACCOMPANYING SPECIFICATION AND BID, MAY BE DETERMINED AS A COUNTEROFFER AND MAY RESULT IN THE BID BEING REJECTED FOR NON-RESPONSIVENESS

- I. **GENERAL:** It is the intent of this specification to describe the minimum requirements for Trousers and Breeches to be purchased by the City of Milwaukee for the Police Department.

All items, details of construction, services or features not specifically mentioned which are regularly furnished in order to provide Trousers and Breeches shall be furnished at the bid price and shall conform in strength, quality and workmanship to that usually provided by the practice indicated in this specification.

- II. **DETAILED REQUIREMENTS:**

- A. **DRESS TROUSERS - MALE AND FEMALE:**

1. BELT LOOPS: There should be a minimum of five (5) belt loops on waist sizes 30 and down, seven (7) on sizes 31 – 48, and a minimum of nine (9) on sizes 50 and larger. Each loop is to be 3/4" wide, of double thickness and stitched on face side with a two-needle machine. Except for center back belt loops, which may be tacked on, all loops shall be sewn into the bottom of the waistband and into the recap. Loops and waistband must be wide enough to accommodate, at the minimum, a belt 1- 5/8" wide.
2. COLOR: Dark Navy
3. CREASING: The front and rear creases in the trouser legs must incorporate a permanent modified silicone crease produced by the "Lintrak" system.
4. DESIGN: Shall be made on a uniform pattern, having a plain front with quarter top front pockets, 1" belt loops and two back pockets.
5. FABRIC: Raeford Style 8330-8107, 55% Dacron Polyester / 45% Wool, 11.5 – 12oz serge weave.
6. FINISHING AND PRESSING: The trousers shall be made in a first-class workmanship manner. All loose threads shall be removed. Trousers must be pressed completely and properly with side seams, inseam, and seat seam are to be pressed open. There must be a Texpak clip attached to the top of the trouser to insure proper shape retention during shipping.
7. INSIDE TRIM: The right fly lining and crotch lining shall be of the same fabric and color as the waistband curtain. The right fly lining shall be sewn to the left fly below the zipper. The crotch lining shall be serged to each front. A separate French fly made of the outer fabric shall be sewn to the inside right fly.
8. LABELING: Trousers shall be labeled with the following information: styles, fiber content, care instructions, WPL number and county of origin.
9. POCKETING: All pocketing shall be black, 75% polyester / 25% cotton with a minimum thread count of 86 X 56. The weight shall be 3.0 yds. / Lb.
10. POCKETS: The front pocket shall have a minimum opening of 6-1/2" and shall be 6" deep from the bottom of the opening. Pockets shall be stitched, turned, and re-stitched. The inside front pocket facing shall be a separate piece of self-material finishing no less than 1 1/4" wide. The back pockets shall have a minimum opening of 5-1/2" and shall be 6" deep. Sizes 29" and smaller, shall have 5" openings. They shall be made with a Reese PW automatic machine, and shall be finished on the outside with an exposed top and bottom cord. The left back pocket shall have a tab to button. The watch pocket shall have a minimum opening of 2 3/4" and shall be 3" deep. It shall be located approximately 3" to the front of the right side seam at the waistband. The front pockets and watch pocket shall have straight bartacks and each back pocket shall be bartacked with a triangular bartacking machine.

11. SEAMING: The entire trouser is to be seamed with polyester core and the seat seam shall be stitched with a tandem needle seat-seaming machine. All exposed inside threads of the trouser are to be serged.
12. TROUSER BRAID: Trousers for all superior officers (the rank of Lieutenant and above) shall have a one inch black mohair braid extending down the outward seam from the waistband down the full length of the leg.
13. WAISTBAND: The waistband shall be 2 inches wide and shall be closed with a crush proof hook and eye, the eye being bartacked for stability. The Flex-TEX wickable waistband curtain, attached with a rocap machine, is to be made from pocketing fabric 1/2" wide bead of silicone shirt grip. Ban-Rol waistband stiffener, 3/4" in width, shall be sewn into the waistband on the front of the trouser from side seam to side seam. The full length of the waistband is fused with non-woven fusible interlining. The trousers are to be made with a continuous closed waistband. The waistband shall be set on and shall be stitched below the lower edge through the outer fabric and the waistband curtain.
14. ZIPPER: The trousers shall be closed with a Brass Zipper (Talon 42 or equivalent) with a memory lock slider. The zipper tape must have been treated for permanent press finishing. There shall be a brass bottom stop at the base of the zipper chain. A straight bartack shall be sewn at the bottom of the fly. For added stability, it shall be sewn through the zipper tape. The right and left fly shall be joined by another bartack located below the bottom zipper stop. This bartack will reduce stress on the left fly and zipper areas.
15. BRAND:
Horace Small HS 2123 or equal.

(NOTE – Color and fabric to match Dress Blouse, Spec 6-D-23, dated May 01, 2008.)

B. UNIFORM TROUSERS/YEAR-ROUND FIELD USE-MALE AND FEMALE:

1. FABRIC: The fabric shall be Spiewak **MicroWeatherpel**[™] twill designed for moisture and soil resistance, quick drying, breathability, excellent color retention and easy care. The fiber content shall be 100% microfiber texturized Poly-microfiber with permanent Nano-technology by Burlington-Raeford. The weight shall be 5.7 oz/sq.yd. (8.5-9 oz/ per linear yard). The construction shall be 152 X 66 with 150 denier polyester yarns X 2/75 denier polyester yarns. The fabric shall be a twill weave with built in 18% - 22% mechanical stretch in the filling. The fabric shall provide UV Protection of UPF 40+.
2. STYLE: The pant shall have a plain front with quarter top front pockets, 1" wide belt loops, two back pockets and two inconspicuous cut in zippered side cargo pockets for a clean professional appearance. The pant cuff shall be of open construction to allow for custom finishing and shall have a 37 ½" inch inseam (unfinished). Female pant to have 35" inseam (unfinished).

3. **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 7 1/2" deep. Each back pocket shall have a 1 1/4" loop closure tab with a bartack located 3/8" from point of attachment to secure the buttonhole. The loop tab shall attach to a ligne 20, durable button. Each pocket corner shall have a 3/8" triangle bartack for reinforcement.

OPTIONAL - There shall be two cut in cargo pockets centered on each outside side seam a minimum of 7" wide (the width increases with graded sizes) X 9 ½" deep. There shall be a center tab on the outside seam attached by two bartacks 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** - patent applied for).

4. **BUTTONS:** All buttons shall be 100% Polyester and shall pass ASTM 5171-1191.84 kg mass dropped from a height of 67mm.
5. **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.
6. **WAISTEBAND:** The waistband shall be designed to allow for 4" of mechanical expansion through two unique double waistband panels with 1 ¼" 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 ¼" 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 SPDU shirt for maximum shirt retention (**SRS™ shirt retention system- patent applied for**). 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.

7. **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 backseam. 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.

On male trousers only - there shall be a diamond shaped reinforced crotch gusset measuring 9" wide X 4 3/4" sewn with a five needle safety stitch to prevent crotch seam failure.

8. ZIPPER: The trousers shall be closed with a #4 YKK antique brass memory lock zipper and have a brass bottom stop at the base of the zipper chain. A straight bartack shall be sewn through from the outside of the garment to the inside at the bottom of the fly. The bartack shall be sewn through the zipper tape, the right and left fly and the right fly lining. The right and left fly shall be joined by an additional bartack located at level of the bottom zipper stop on the inside of the trouser.
9. BELT LOOPS: There should be a minimum of 5 lined belt loops on waist sizes 28, 29, 30, and a minimum of 7 lined loops on all sizes over 30. Each loop is to be 1" wide of double thickness, with stitching on the face side 1/2" from each edge. Except for the center back loop which shall be tacked on, all loops shall be sewn into the bottom of the waistband and into the rocap.
10. CREASING: The front and back crease in the trouser legs shall incorporate a permanent resin bonded silicone crease produced by the Creaset™ System. The crease shall be properly cured to insure that the crease is permanent so that no amount of home laundering shall remove the crease.
11. SEAMING: The entire trouser is to be seamed with Polyester core or 100% Polyester spun thread.
12. LABELS: The trouser shall have a sewn-in label giving care instructions and an outside waistband label which shall be marked with lot number, size, fiber content, and cut number. A permanent size label shall be sewn inside on the hip pocket.

13. UPC IDENTIFICATION:

A visible printed UPC bar code joker tag must be attached to every garment. The UPC bar code must identify style, color and size information. Appropriate support documentation must be available to assist Agency in encoding UPC information.

14. FINISHING & PRESSING:

All loose threads shall be removed. Trousers must be pressed completely and properly with side seam, inseam, and seat seam pressed open. All garments shall be packaged individually in a clear polybag.

CARE INSTRUCTIONS:

Do not commercially launder. Machine wash – warm water. Wash dark colors separately and rinse thoroughly. To maintain the Nano-technology performance, do not dry clean and do not use liquid fabric softener in the wash or sheet fabric softeners in the dryer. Use only non-chlorine

bleach when needed. Tumble-dry completely – Medium heat – remove promptly. For best performance, use steam iron, low setting.

SIZES: Men's waist sizes as listed below:

28 30 31 32 33 34 35 36 37 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66

Women's waist sizes as listed below:

4 6 8 10 12 14 16 18 20 22 24 26 28

BRAND: Spiewak Performance Duty Uniform Trouser SPDU 22
(without **Hidden & Secure (H&S cargo™) cargo pocket**)

Spiewak Performance Duty Uniform Trouser SPDU 20
(with **Hidden & Secure (H&S cargo™) cargo pocket**)

III. ALTERNATE PRODUCT VENDOR/ MANUFACTURER REQUIREMENTS

Vendors bidding items other than the specified product must provide the following information with their bid package. Failure to provide all information will result in immediate disqualification.

1. Manufacturer must be ISO9001:2000 certified at time of bid opening. A copy of the manufacturers certification must be submitted with the bid.
2. A list of 5 agencies including contact names, phone numbers, and addresses of agencies larger than 100 officers that are currently wearing the alternate product being bid. These agencies must also have been wearing the alternate product for a minimum of 1 year at time of bid opening.
3. Bidders must provide a current manufacturers catalog of the alternate product being bid showing that at the time of bid opening the product is currently a stock item. Special made or custom programs for industry standard sizes will not be accepted.
4. Bidders must provide at time of bid opening the following samples of alternate products being bid.
 - A. Mens S/S shirt - 1 size Small and 1 size 3XL
 - B. Womens S/S shirt – 1 size 32 and 1 size 46
 - C. Mens L/S shirt - 1 size 14-1/2 x 33 and 1 size 20 x 37
 - D. Womens L/S shirt – 1 size 34 and 1 size 44
 - E. Mens Internal Cargo pocket trouser – 1 size 36

F. Womens Internal Cargo pocket trouser – 1 size 16

5. Must provide one professionally produced DVD which details all features, benefits, performance characteristics and care instructions of both the shirts and pants.

If you are bidding the specified product none of the items above are required, as they have already been complied with.

C. BREECHES / YEAR-ROUND FIELD USE / MOTORCYCLE DUTY:

1. BELT LOOPS: There shall be a minimum of 6 belt loops, 3/4" wide of double thickness, and each loop must be interlined with a non-woven fabric. All loops (except for the back center loop) must be sewn into the bottom of the waistband, and the top of all loops shall be caught into the waistband curtain seam. The waistband shall measure approximately 2" wide when finished - wide enough to comfortably accommodate a belt 1-5/8" wide. The back center loop shall be 1" wide.

2. COLOR: Navy Blue. Color must match uniform shirts.

3. DESIGN: Breeches shall be manufactured from up-to-date patterns and shall be designed so that there will be a slight "peg" at the hip, and no baggy seat. The front shall be plain (no pleats) with two (2) top pockets, two (2) hip pockets with flaps to button, one (1) club pocket below right hip pocket and two (2) watch pockets. All pockets shall be bartacked with diamond bartacks except for the watch pocket, which is to have straight bartacks. Hip pockets will be of the double welt method, manufactured on Reese PW Machine, and shall be finished in such a manner that there is no topstitching. The welts shall be interlined with Pellon.

4. FABRIC:

Winter: 605 P7F Navy Breeches, 16-16 1/2 oz. Elastique, 75% Dacron Polyester/25% Wool

Summer: 639/1/3, Navy Breeches, 11-11 1/2 oz. Tropical 75% Dacron Polyester/25% Wool

5. FLY LINING: The right fly shall be the same fabric and color as the waistband and pocketing. The right fly lining must be sewn to the left fly below the zipper with strong closure and smart appearance. There shall be a French Fly closure on the inside of the right fly, and the fabric for the French fly must be the same as the outer material of the trousers.
6. LABEL: The breeches must have a care label permanently affixed and must also have size label showing fabric content and WPL number.

7. MISCELLANEOUS: Breeches must have a Talon #42 Memory Lock zipper, the tape of which has permanent press finish, and there shall be a bartack at the bottom of the fly, going through the zipper tape. The breeches must be seamed with matching thread and the seat seam must be stitched with a Tandem needle machine (2 threads). All exposed inside edges must be serged. Breeches to have full cavalry reinforcement cut round at the top and not to be more than 3/8" from hip pocket. Bottoms of breeches shall have zipper closures, approximately 9 inches long.
8. POCKETING: The pocketing shall be 70% Polyester/30% Cotton, 2.9 oz. per square yard (60" width) with a minimum 78 x 64 count. Pocketing must have a durable press finish and the color of the pocketing must be black.
9. WAISTBAND: Waistband curtain to be of the same fabric as the pocketing and shall close with a hook and eye. The waistband curtain must be attached to the trouser with a zigzag stitch. There must also be a Snugtex waistband.
10. ZIPPER: The trousers shall be closed with a YKK Brass Zipper which has a brass bottom stop at the base of the zipper chain and a brass ratcheting cam lock slider. The inside left fly will be reinforced with Pellon under the zipper stitching. A straight bartack shall be sewn through from the outside of the garment to the inside at the bottom of the fly. It shall be sewn through the zipper tape; the right and left fly and the right fly lining. The right and left fly shall be joined by another bartack located below the bottom zipper stop on the inside of the trouser.
11. BRAND:
Custom.

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