

INVITATION TO BID

BID 26-24

MAY 18TH, 2026 @ 10:00 am

15 SETS OF BUNKER GEAR FOR BLACK DOG FIRE

✓ = COMPLY
 --- = EXCEPTION

CENTRAL ALABAMA TRAINING SOLUTIONS

CASCO INDUSTRIES

GENERAL SPECIFICATIONS

MISC #00028962

MISC #00028963

SCOPE - THIS DOCUMENT SPECIFIES THE DESIGN AND MATERIALS USED TO MANUFACTURE COATS AND PANTS TO BE WORN DURING STRUCTURAL FIREFIGHTING AS COVERED BY NFPA 1971. THE PROTECTION OFFERED BY THE GARMENT COVERS THE LOWER AND UPPER SECTIONS OF THE BODY EXCLUDING HEAD, HANDS, OR FEET. GARMET SIZING SHALL BE DONE IN ACCORDANCE WITH NFPA 1500 AND AVAILABLE FOR MALE AND FEMALE FIREFIGHTERS. GENERALIZED SIZING SUCH AS SMALL, MEDIUM, LARGE, ETC... SHALL BE CONSIDERED.

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CERTIFICATION- THE DESIGN, MATERIALS, WORKMANSHIP, CONSTRUCTION, AND PERFORMANCE SHALL MEET OR EXCEED ALL NATIONAL FIRE PROTECTION ASSOCIATION REQUIREMENTS AS SPECIFIED IN NFPA 1970, STANDARD ON PROTECTIVE ENSEMBLES FOR STRUCTURAL AND PROXIMITY FIREFIGHTING, WORK APPAREL, OPEN CIRCUIT SELF-CONTAINED BREATHING APPARATUS FOR EMERGENCY SERVICES, AND PERSONAL ALERT SAFETY SYSTEMS, 2025 EDITION. THE MANUFACTURER SHALL SUPPLY THE CERTIFICATES OF COMPLIANCE FROM UNDERWRITERS' LABORATORIES SHOWING COMPLIANCE TO THE STANDARD.

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ISO 9001 - THE MANUFACTURER SHALL BE ISO 9001:2015 CERTIFIED, THUS ASSURING QUALITY CONTROL PROCEDURES IN THE MANUFACTURING BUNKER GEAR. A COPY OF THIS CERTIFICATION SHALL BE SUPPLIED.

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<p>EXCEPTION - BIDDER SHALL CLEARLY STATE IN THIS DOCUMENT IF THEY COMPLY WITH THE SECTION REQUIREMENTS OR TAKES AN EXCEPTION. ANY SECTION THAT IS NOT CLEARLY IDENTIFIED AS COMPLAINT WILL BE CONSIDERED AS AN EXCEPTION.</p>	✓	✓
<p>PACKAGING - THE GARMENTS SHALL BE INDIVIDUALLY PACKAGED IN SEPARATE BOXES. THE TRANSPORTATION BOX SHALL ONLY CONTAIN THE JACKET AND PANTS FOR AN INDIVIDUAL FIREFIGHTER.</p>	✓	✓
<p>OUTER SHELL - THE OUTER SHELL SHALL BE APPROXIMATELY 6.6OZ/YD², CONSTRUCTED OF A BLEND OF ARAMID FIBERS, TWILL WEAVE FABRIC(PIONEER), WITH A DURABLE WATER REPELLENT FINISH. THE OUTER SHELL COLOR SHALL BE GOLD.</p>	✓	--- SEE ATTACHED
<p>MOISTURE BARRIER - THE MOISTURE BARRIER MATERIAL SHALL BE DONE IN TWO LAYER FORETEX CROSSTECH PRIME MOISTURE BARRIER, WHICH IS COMPRISED OF A GORE MEMBRANE LAMINATED TO A NONWOVEN SUBSTRATE CONSTRUCTED OF 100% ARAMID FIBERS. ALL MOISTURE BARRIER SEAMS SHALL BE STITCHED AND SEAMS SHALL BE SEALED WITH GORE SEAM TAPE TO AFFORD COMPARABLE VIRAL AND LIQUID PENETRATION RESISTANCE PERFORMANCE. THE TOTAL WEIGHT OF THE MOISTURE BARRIER SHALL BE APPROXIMATELY 4.6 OZ/YD²</p>	✓	--- SEE ATTACHED
<p>REFLECTIVE TRIM TYPE- THE RETRO-REFLECTIVE TRIM SHALL BE THE THREE WIDE SCOTCHLITE REFLECTIVE MATERIAL - 9587/ LIME YELLOW WITH SILVER CENTER, FROM 3m WITH MICRO PERFORATION. THIS MATERIAL IS ALSO COMMONLY REFERRED TO AS TRIPLE TRIM. THE MICRO PERFORATIONS SHALL HAVE A DIAMETER OF 300 MICRONS. TRIMS SHALL HAVE TWO ROWS OF LOCK STITCHING ON EACH SIDE OF THE TRIM.</p>	--- HEAT TRANSFER TRIM ALLOWS FOR AIRFLOW WITHOUT TRAPPING CONTAINERS.	--- SEE ATTACHED
<p>POLYMER COATED ARAMID REINFORCEMENT COLOR- ALL POLYMER COATED ARAMID REINFORCEMENTS, WHERE SPECIFIED, SHALL BE BLACK IN COLOR.</p>	✓	--- SEE ATTACHED
<p>HARDWARE - ALL ZIPPERS, SNAPS, OR HOOK AND LOOP SHALL BE SUPPLIED BY YKK. SNAPS SHALL BE PRONG TYPE. STITCHING OF ALL LONG PIECES OF HOOK AND LOOP SHALL BE DONE WITH A TRIPLE ROW OF LOCK STITCHING. STITCHING OF ALL SHORT PIECES OF HOOK AND LOOP SHALL BE DONE WITH A SINGLE ROW OF LOCK STITCHING AROUND THE EDGES WITH AN "X" IN THE CENTER. ALL HOOK AND LOOP LARGER THAN ONE INCH SHALL HAVE ROUNDED CORNERS.</p>	--- MEETS OR EXCEEDS.	--- SEE ATTACHED

COAT SPECIFICATIONS -

COAT CLOSURE SYSTEM- THE POSITIVE CLOSURE SYSTEM SHALL CONSIST OF A HEAVY-DUTY VISLON® ZIPPER OF APPROXIMATELY TWENTY (20) INCHES LONG, GRADED TO THE SIZE OF THE JACKET. THE POSITIVE CLOSURE SHALL BE COVERED BY ONE PIECE STORM FLAP EXTENDING FROM THE BOTTOM OF THE JACKET TO THE TOP OF THE COLLAR TO PREVENT ANY GAPS IN THE THROAT AREA. THE ONE-PIECE FLAP SHALL MEASURE APPROXIMATELY THREE INCHES (3) WIDE AND TWENTY-FOUR INCHES AND THREE-QUARTERS (24-3/4) LONG. THE STORM FLAP AND THROAT CLOSURE SHALL BE CONSTRUCTED OF THREE (3) LAYERS: TWO (2) LAYERS OF OUTER SHELL AND ONE (1) LAYER OF MOISTURE BARRIER. THE STORM FLAP SHALL HAVE A SPECIAL GRABBER MADE OF OUTER SHELL MATERIAL, A GLOVED HAND. THE GRABBER SHALL BE APPROXIMATELY TWO INCHES (2) HIGH BY THREE INCHES (3) WIDE AT THE WIDEST POINT AND SHALL BE CUT AT AN ANGLE ON THE BOTTOM. THE GRABBER SHALL BE LOCATED AT THE TOP OF THE STORM FLAP. THE FLAP SHALL BE FASTENED TO THE FRONT OF THE JACKET BY MEANS OF THE FR HOOK AND LOOP FASTENER ON AND A HALF (1-1/2) INCHES ON THE FRONT PANEL OF THE OUTER SHELL. THE HOOK AND LOOP FASTENER SHALL BE SEWN SO THAT SEAMS ARE AT MOST 1" APART FROM ONE ANOTHER TO PREVENT DAMAGE FROM OPENING AND CLOSING THE FLAP. THE MOISTURE BARRIER IN THE STORM FLAP SHALL BE THE SAME AS THE MOISTURE BARRIER SELECTED IN THE MOISTURE BARRIER SECTION OF THIS SPECIFICATION. USE OF A MOISTURE BARRIER OTHER THAN THAT SPECIFIED IN THE MOISTURE BARRIER SECTION IS NOT CONSIDERED ACCEPTABLE BY THIS DEPARTMENT. CLOSURES WITH SEPARATE THROAT TABS ARE NOT CONSIDERED ACCEPTABLE TO THIS DEPARTMENT.

MEETS OR EXCEEDS.

SEE ATTACHED

POCKETS - THE COATS SHALL BE PROVIDED WITH TWO (2) SEMI-BELLOW POCKETS MEASURING APPROXIMATELY EIGHT (8) INCHES BY NINE (9) INCHES AND TWO (2) INCHES DEEP ON THE BACK PORTION OF THE POCKETS. THE POCKETS SHALL BE FITTED WITH A FULL-WIDTH FLAP MEASURING APPROXIMATELY THREE INCHES AND A HALF (3-1/2) HIGH.

THE COAT POCKET FLAPS SHALL HAVE A SPECIAL GRABBER MADE OF OUTER SHELL MATERIAL AND CLOSED-CELL FOAM PADDING TO HELP OPEN THE POCKETS WITH A GLOVED HAND. THE GRABBERS SHALL BE APPROXIMATELY ONE AND A QUARTER (1-1/4) INCH HIGH BY FIVE AND A HALF (5-1/2) INCHES WIDE AT THE WIDEST POINT AND SHALL BE CUT AT AN ANGLE ON BOTH SIDES. THE GRABBERS SHALL BE LOCATED ON THE BOTTOM EDGE OF THE FLAP IN THE CENTER OF THE FLAP. THE POCKET FLAPS SHALL HAVE TWO (2) HOOK FASTENERS OF TWO (2) INCHES BY TWO (2) INCHES. THE POCKETS SHALL HAVE TWO (2) LOOP FASTENERS MEASURING TWO (2) INCHES WIDE BY ONE AND A HALF (1-1/2) INCH HIGH. THE HOOK AND LOOP FASTENERS SHALL BE SEWN WITH LOCKS STITCHING IN A BOX & CROSS PATTERN. THE BOTTOM OF THE POCKETS SHALL BE PROVIDED WITH TWO (2) EVACUATION EYELETS. EACH POCKET SHALL HAVE TWO (2) BARTACKS ON EACH LOWER CORNER, ONE (1) BARTACK ON EACH TOP CORNER, AND ONE (1) BARTACK ON EACH SIDE OF THE POCKET FLAP FOR A TOTAL OF EIGHT (8) BARTACKS.

MEETS OR EXCEEDS.

SEE ATTACHED

RADIO POCKET- THE COAT SHALL HAVE A RADIO POCKET MEASURING EIGHT (8) INCHES HIGH BY FOUR (4) INCHES WIDE BY TWO (2) INCHES DEEP. THE POCKET SHALL BE CONSTRUCTED OF THE SPECIFIED OUTER SHELL MATERIAL AND SHALL HAVE HOOK AND LOOP FASTENERS. THE HOOK AND LOOP FASTENERS SHALL BE SEWN WITH LOCKS STITCHING IN A BOX & CROSS PATTERN. THE POCKET SHALL HAVE AT LEAST ONE (1) DRAINAGE EYELET ON THE BOTTOM. THE RADIO POCKET SHALL HAVE TWO (2) BARTACKS ON EACH LOWER CORNER AND ONE (1) BARTACK ON EACH TOP CORNER FOR A TOTAL OF SIX (6) BARTACKS.

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SEE ATTACHED

<p><u>RADIO POCKET FLAP</u> - THE RADIO POCKET FLAP SHALL MEASURE APPROXIMATELY FOUR (4) INCHES HIGH BY THREE (3) INCHES WIDE. THE RADIO POCKET FLAP SHALL HAVE A SPECIAL GRABBER MADE OF OUTER SHELL MATERIAL AND CLOSED CELL FOAM PADDING TO HELP OPENING THE POCKETS WITH A GLOVED HAND. THE GRABBER SHALL BE APPROXIMATELY ONE AND A QUARTER (1-1/4) INCH HIGH BY THREE AND A HALF (3-1/2) INCHES WIDE AT THE WIDEST POINT AND SHALL BE CUT AT AN ANGLE ON BOTH SIDES. THE GRABBER SHALL BE LOCATED ON THE BOTTOM EDGE OF THE FLAP. THE FLAP SHALL CLOSE WITH THE USE OF FR HOOK AND LOOP FASTENER OF THREE (3) INCHES HIGH BY TWO (2) INCHES WIDE AND TWO (2) INCHES BY TWO (2) INCHES ON THE FACE OF THE RADIO POCKET. THE RADIO POCKET FLAP SHALL HAVE ONE (1) BARTACK ON EACH SIDE FOR A TOTAL OF TWO (2) BARTACKS.</p>	<p>--- MEETS OR EXCEEDS.</p>	<p>--- SEE ATTACHED</p>
<p><u>INSIDE POCKET WITH HOOK AND LOOP</u> - THE COAT SHALL BE PROVIDED WITH AN INSIDE POCKET MEASURING APPROXIMATELY SEVEN AND A HALF (7-1/2) INCHES WIDE BY EIGHT (8) INCHES HIGH, CONSTRUCTED OF OUTER SHELL MATERIAL. THE POCKET SHALL BE CLOSED WITH A ONE (1) INCH BY THREE (3) INCHES OF HOOK AND LOOP FASTENER. THE HOOK AND LOOP FASTENERS SHALL BE SEWN WITH LOCKS STITCHING IN A BOX & CROSS PATTERN.</p>	<p>✓</p>	<p>--- SEE ATTACHED</p>
<p><u>REFLECTIVE TRIM PATTERN</u>- THE TRIM SHALL BE "NFPA" STYLE; ONE (1) BAND AROUND THE LOWER PORTION OF THE JACKET, ONE (1) BAND AROUND THE BACK AND CHEST AREA BELOW THE ARMPIT, AND ONE (1) BAND AROUND EACH SLEEVE BELOW THE ELBOW.</p>	<p>✓</p>	<p>--- SEE ATTACHED</p>

<p>MICROPHONE / P.A.S.S. LOOP - A LOOP FOR A MICROPHONE, OR P.A.S.S. ALARM SHALL BE INSTALLED ABOVE THE RADIO POCKET. THE LOOP SHALL BE ONE (1) INCH HIGH AND HAVE AN OPENING OF APPROXIMATELY ONE AND THREE QUARTERS (1-3/4) INCHES OF USABLE SPACE AND BE MADE OF THE SPECIFIED OUTER SHELL. THE LOOP SHALL BE BARTACKED AT EACH END TO THE FRONT OF THE JACKET.</p>	✓	--- SEE ATTACHED
<p>FLASHLIGHT HOLDER- THE COAT SHALL HAVE AN ADJUSTABLE LOOP MADE OF THE OUTER SHELL. THE LOOP SHALL MEASURE ELEVEN (11) INCHES LONG AND BE ATTACHED TO THE OUTER SHELL WITH BARTACKS, LEAVING AN OPENING OF APPROXIMATELY ONE AND A HALF (1-1/2) INCHES. THE LOOP SHALL CLOSE ONTO ITSELF WITH THE USE OF A HOOK AND LOOP FASTENER. THE COAT SHALL ALSO HAVE A METAL CLIP INSTALLED SO THE BOTTOM OF THE CLIP IS ONE AND A HALF (1-1/2) INCHES ABOVE THE LOOP. THE CLIP SHALL BE INSTALLED ON THE OUTER SHELL WITH THE USE OF A PIECE OF OUTER SHELL FOLDED BACK ONTO ITSELF.</p>	✓	--- SEE ATTACHED
<p>PANT SPECIFICATIONS</p>		
<p>OUTER SHELL CONSTRUCTION - ALL "MAJOR A" SEAMS SHALL BE MADE OF SEAM TYPE LSBM 4, INCLUDING STITCH TYPES #504, #401 AND #301. THE SEAMING PROCESS SHALL START BY ALIGNING TWO PIECES OF FABRIC TOGETHER AND STITCHING THEM TOGETHER WITH WHAT IS COMMONLY REFERRED TO AS A "5 THREAD OVERLOCK", USING STITCH TYPE #516, CONSISTING OF STITCH TYPES #504 AND #401. THE SEAM SHALL THEN BE FOLDED OVER AND TOP STITCHED WITH TWO (2) ROWS OF LOCK STITCH CONSISTING OF STITCH TYPE #301. ALL SEAMS SHALL BE STITCHED WITH NOMEX® THREAD USING 9 ± 1 STITCHES PER INCH AND SEWN TO PREVENT STITCHES FROM COMING APART BY THEMSELVES IF CUT OR WORN. STRESS POINTS SUCH AS POCKETS AND POCKET FLAPS SHALL BE BARTACKED FOR INCREASED DURABILITY. THE PANT SHALL BE MADE OF NINE (9) PANELS TO PROVIDE COMPLETE RANGE OF MOTION. PANT DESIGNS WITH LESS THAN NINE PANELS SHALL NOT BE CONSIDERED ACCEPTABLE FOR THIS DEPARTMENT.</p>	✓	--- SEE ATTACHED

LINER CONSTRUCTION - ALL "MAJOR B" SEAMS SHALL BE MADE OF SEAM TYPE SSA 2, INCLUDING STITCH TYPES #504 AND #401. THE SEAMING PROCESS SHALL START BY ALIGNING TWO PIECES OF FABRIC TOGETHER AND STITCHING THEM TOGETHER WITH A "5 THREAD OVERLOCK", USING STITCH TYPE #516. IN ADDITION, THE MOISTURE BARRIER SEAMS SHALL BE SEALED. THE MOISTURE BARRIER AND THERMAL BARRIER COMPONENT OF THE LINER SHALL BE SEWN TOGETHER AT THE EDGES USING A PIECE OF BIAS CUT NEOPRENE AND SEWN TOGETHER WITH ONE ROW OF LOCK STITCH, CONSISTING OF STITCH TYPE #301. ALL MOISTURE BARRIER SEAMS SHALL BE STITCHED WITH NOMEX® THREAD USING 12 ± 1 STITCHES PER INCH. ALL THERMAL BARRIER SEAMS SHALL BE STITCHED WITH NOMEX® THREAD USING 10 ± 1 STITCHES PER INCH.

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SEE ATTACHED

ALL SEAMS SHALL BE ORIENTED SO THAT THE EDGES OF THE THERMAL BARRIER AND THE MOISTURE BARRIER SEALING TAPE ARE INSIDE THE INNER LINER. THE LINER SHALL BE CUT A MAXIMUM OF THREE (3) INCHES SHORTER THAN THE OUTER SHELL. A TWO (2) INCH WAIST BAND MADE OF THERMAL BARRIER AND MOISTURE BARRIER SHALL BE SEWN TO THE INSIDE OF THE OUTER SHELL. THE LINER SHALL BE ATTACHED BETWEEN THE OUTER SHELL AND THE WAIST BAND WITH THE USE OF ONE (1) FULL LENGTH ZIPPER. THE LINER SHALL ALSO BE ATTACHED TO THE SHELL WITH TWO (2) TABS WITH SNAPS AT EACH LEG. THE WAIST BAND SHALL BE KEPT IN POSITION WITH THE USE OF FIVE (5) SNAPS POSITIONED AROUND THE WAIST. TWO ADDITIONAL LAYERS OF THERMAL BARRIER SHALL BE SEWN IN THE KNEE AREA FOR INCREASED CCHR PROTECTION. THE LINER SHALL BE EQUIPPED WITH AN INSPECTION PORT ALLOWING FOR VISUAL INSPECTION OF ALL SEALED SEAMS OF THE MOISTURE BARRIER. THE INSPECTION PORT SHALL USE A ZIPPER CLOSURE OF MINIMALLY SIXTEEN (16) INCHES LONG.

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SEE ATTACHED

PANT CLOSURE SYSTEM - THE POSITIVE CLOSURE SYSTEM SHALL CONSIST OF A HEAVY DUTY VISLON® ZIPPER OF APPROXIMATELY TEN (10) INCHES LONG. THE STORM FLAP SHALL BE APPROXIMATELY TWO AND A QUARTER (2 1/4) INCHES WIDE AND ELEVEN (11) INCHES LONG AND CONSTRUCTED OF TWO (2) LAYERS OF OUTER SHELL MATERIAL. THE PANT FLY FLAP SHALL HAVE A SPECIAL GRABBER MADE OF OUTER SHELL MATERIAL AND CLOSED CELL FOAM PADDING TO HELP OPENING THE FLAP WITH A GLOVED HAND. THE GRABBER SHALL BE APPROXIMATELY ONE AND A QUARTER (1 1/4) INCH HIGH BY THREE (3) INCHES WIDE AT THE WIDEST POINT AND SHALL BE CUT AT AN ANGLE ON ONE SIDE. THE GRABBER SHALL BE LOCATED ON THE TOP OF THE FLAP. THE FLAP SHALL BE FASTENED TO THE FRONT OF THE PANTS BY MEANS OF FR HOOK AND LOOP FASTENER TWO (2) INCHES BY TEN AND THREE QUARTER (10 3/4) INCHES ON THE FLAP AND TWO (2) INCHES BY TEN AND A HALF (10 1/2) INCHES ON THE RIGHT FRONT PANEL OF THE OUTER SHELL. 360 DEGREE MOISTURE AND THERMAL PROTECTION SHALL BE AFFORDED BY OVERLAPPING THE LEFT AND RIGHT SIDE OF THE LINER. THE PANT SHALL HAVE A REMOVABLE NOMEX® BELT MADE OF TWO (2) INCH WIDE WEBBING. THE WEBBING SHALL BE PASSED THROUGH SIX (6) BELT LOOPS FIXED ON THE PANTS. THE BELT SHALL INCLUDE AN ADJUSTABLE HIGH TEMP PLASTIC BUCKLE. THE BELT LOOPS SHALL BE MADE OF OUTER SHELL AND SHALL BE INSTALLED AT THE WAIST AREA OF THE PANTS. EACH BELT LOOP SHALL HAVE AN OPENING OF TWO AND A HALF (2 1/2) INCHES AND SHALL BE SECURED TO THE PANT WITH LOCK STITCHING AND BARTACKS.

**PLAIN DESIGN ALLOWS FOR LARGER OPENING WITH
SHORTER ZIPPER**

SEE ATTACHED

POCKETS - THE PANTS SHALL BE PROVIDED WITH TWO (2) SEMI BELLOW POCKETS MEASURING APPROXIMATELY TEN (10) INCHES BY TEN (10) INCHES AND TWO (2) INCHES DEEP ON THE BACK PORTION OF THE POCKETS. THE POCKETS SHALL BE FITTED WITH A FULL WIDTH FLAP MEASURING APPROXIMATELY THREE AND A HALF (3 1/2) INCHES HIGH. THE PANT POCKET FLAPS SHALL HAVE A SPECIAL GRABBER MADE OF OUTER SHELL MATERIAL AND CLOSED CELL FOAM PADDING TO HELP OPENING THE POCKETS WITH A GLOVED HAND. THE GRABBERS SHALL BE APPROXIMATELY ONE AND A QUARTER (1 1/4) INCH HIGH BY FIVE AND A HALF (5 1/2) INCHES WIDE AT THE WIDEST POINT AND SHALL BE CUT AT AN ANGLE ON BOTH SIDES. THE GRABBERS SHALL BE LOCATED ON THE BOTTOM EDGE OF THE FLAP IN THE CENTER OF THE FLAP. THE POCKET FLAPS SHALL HAVE TWO (2) HOOK FASTENERS OF TWO (2) INCHES BY TWO (2) INCHES. THE POCKETS SHALL HAVE TWO (2) LOOP FASTENERS MEASURING TWO (2) INCHES WIDE BY ONE AND A HALF (1 1/2) INCH HIGH. THE HOOK AND LOOP FASTENERS SHALL BE SEWN WITH LOCKS STITCHING IN A BOX & CROSS PATTERN. THE BOTTOM OF THE POCKETS SHALL BE PROVIDED WITH TWO (2) EVACUATION EYELETS. EACH POCKET SHALL HAVE TWO (2) BARTACKS ON EACH LOWER CORNER, ONE (1) BARTACK ON EACH TOP CORNER AND ONE (1) BARTACK ON EACH SIDE OF THE POCKET FLAP FOR A TOTAL OF EIGHT (8) BARTACKS.

MEETS OR EXCEEDS.

SEE ATTACHED

<p><u>KNEE REINFORCEMENT / PADDING</u>- THE KNEE AREA SHALL BE DESIGNED TO ENHANCE MOBILITY WITH THE USE OF DARTS AND PLEATS IN THE OUTER SHELL. THE KNEE AREA SHALL BE MOLDED AND ARTICULATED TO BETTER SHAPE THE KNEE IN ORDER TO INCREASE FLEXIBILITY, MOBILITY AND COMFORT. THE KNEE AREA SHALL BE REINFORCED BY A RECTANGULAR PIECE OF POLYMER COATED ARAMID GRADED IN LENGTH IN PROPORTION WITH THE PANT SIZE AND SHALL BE DOUBLE STITCHED TO THE OUTER SHELL. A PADDING MADE OF ONE (1) LAYER OF THERMALLY STABLE FR CLOSED CELL FOAM SHALL BE INSERTED BETWEEN THE POLYMER COATED ARAMID KNEE REINFORCEMENT AND THE PANT OUTER SHELL.</p>	✓	--- SEE ATTACHED
<p><u>REFLECTIVE TRIM PATTERN</u> - THE TRIM SHALL BE "NFPA" STYLE; ONE (1) BAND AROUND THE LOWER PORTION OF EACH LEG.</p>	✓	--- SEE ATTACHED
<p><u>NOMEX® BELT</u> - THE BELT SHALL BE REMOVABLE AND ADJUSTABLE ON BOTH ENDS AND SHALL BE MADE OF TWO (2) INCHES WIDE NOMEX® WEBBING. THE BELT SHALL INCLUDE AN ADJUSTABLE PLASTIC BUCKLE ON BOTH EXTREMITY. EACH BELT END SHALL BE FINISHED USING A CLEAN FINISH HEM.</p>	✓	--- SEE ATTACHED
<p><u>BELT LOOPS</u> - THE PANT SHALL BE EQUIPPED WITH A MINIMUM OF SIX (6) BELT LOOPS MADE OF OUTER SHELL AND SHALL BE INSTALLED EQUALLY SPACED AROUND THE WAIST AREA OF THE PANT. EACH BELT LOOP SHALL BE TWO (2) INCHES WIDE, HAVE AN OPENING OF TWO AND A QUARTER (2 1/4) INCHES, AND SHALL BE SECURED TO THE PANT WITH LOCK STITCHING AND BARTACKS</p>	✓	--- SEE ATTACHED

<p>SUSPENDERS - THE PANTS SHALL BE EQUIPPED WITH DELUXE H STYLE REMOVABLE SUSPENDERS. THE SUSPENDERS SHALL BE CONSTRUCTED OF TWO (2) INCH WIDE HEAVY DUTY COTTON WEBBING. THE HORIZONTAL COMPONENT OF THE SUSPENDERS FORMING THE H BACK SHALL BE MADE OF ELASTIC MATERIAL TO INCREASE COMFORT WHEN BENDING FORWARD. THE SUSPENDERS SHALL BE ATTACHED TO THE PANT BY PASSING THE ENDS THROUGH HIGH TEMP SLIDERS IN THE BELT LOOPS AROUND THE WAIST OF THE PANT AND FOLDING EACH END OVER ONTO ITSELF WHILE SECURING THE HOOK AND LOOP FASTENERS 1 1/2" X 2" SEWN WITH A BOX AND CROSS PATTERN. A QUICK ADJUST METAL "LADDERLOCK" BUCKLE SHALL BE INSTALLED ON THE FRONT OF THE SUSPENDER TO TIGHTEN OR RELEASE THE SUSPENDERS QUICKLY. IN ADDITION, A SHOULDER PADDING MADE OF NEOPRENE SHALL BE SEWN TO THE SHOULDER AREA OF THE SUSPENDERS. THE PADDING SHALL MEASURE A MINIMUM OF 8 INCHES LONG BY THE WIDTH OF THE WEBBING. THE SUSPENDERS SHALL BE CUT IN PROPORTION TO THE SIZE OF THE FIREFIGHTER MEASUREMENTS AND COMPLETELY REMOVABLE FOR EASE OF CLEANING.</p>	<p style="text-align: center;">--- H BACK OR UPGRADED PRO SUSPENDERS</p>	<p style="text-align: center;">--- SEE ATTACHED</p>
<p>PERSONALIZATION SPECIFICATIONS</p>		
<p>COAT — BACK UNDER NECK (H)</p>		
<p>LETTERING- ALL UNITS SHALL HAVE THE SAME LETTERING AT THIS POSITION. – FD NAME: BLACKDOG FD PERSO: BACK UNDER NECK (H) – LETTERING – FOR ALL UNITS (BLACKDOG FD) / SCOTCHLITE® 3" – LIME YELLOW / STRAIGHT / SEWN ON SHELL – OPTION: N – LETTERING SHAPE: STRAIGHT – ATTACHMENT METHOD: SEWN ON SHELL – PATCH COLOR: OUTER SHELL</p>	<p style="text-align: center;">✓</p>	<p style="text-align: center;">--- SEE ATTACHED</p>
<p>TOTAL -</p>	<p style="text-align: center;">\$47,550.00</p>	<p style="text-align: center;">\$56,250.00</p>