



Bid

Thibodaux VFD
P.O. Box 1421
Thibodaux LA 70302

Bid Date: 7/16/2020

Bid #: 0716201

By: TMS

Description	Quantity	Unit Price	Total
<p>Honeywell Morning Pride Viper Bunker Coat per the following specs: Zipper/Velcro closure (double stitched), 6.6 osy Agility (dark gold) outer shell, 7.1 osy Synergy II 2 Layer thermal liner, 5.5 osy Stedair 4000 moisture barrier, T-Closure, NFPA Hi-Viz 3" Scotchlite Triple Trim (yellow), Drag Rescue Device, Streamgard Wrist Trim, Nomex (wrist only) wristlet - impermeable waterwell, Thumb loops, Max-view Inspection port with velcro, Arashield reinforced sleeve cuffs (black), 7.5" x 3.5" x 2" Radio pocket (left chest), Mic loop (upper left chest), flashlight loop and utility strap (right chest), Elbow pads (1 layer thermal liner), 3" Scotchlite yellow lettering (TVFD sewn to coat on upper back, FF 1st initial last name sewn to hanging name patch), US Flag (right sleeve-stars forward) and (2) Side Winder coat pockets</p> <p>Honeywell Morning Pride Viper Bunker pants per the following Spec: Zipper/Velcro closure (double stitched), 6.6 osy Agility (dark gold) outer shell, 7.1 osy Synergy II 2 Layer thermal liner, 5.5 osy Stedair 4000 moisture barrier, 3" Scotchlite Triple Trim (yellow) double stitched, Max-view Inspection port with velcro, Arashield reinforced knee patches and pant cuffs (black), reverse boot cut, (2) 10" x 10" Full Bellow Pockets with 5" High Kevlar Pouch Inside, I-Tech Insertable Knee System, Belt and Belt Loops with Side Belt Tunnels and New England Style Removable Suspenders with Scotchlite trim and Padding</p>	1	2,250.00	2,250.00
Bullard ReTrak Series traditional, matte finish, fiberglass structural fire helmet w/ integrated visor & 5" brass eagle w/ TrakLite Lighting System with Leather Front. P/N USTM5R350TL-LF	1	390.00	390.00
Shelby 5282G Elk Hide Gloves, Gauntlet Cuff	1	105.00	105.00
Haix Fire Eagle Air Fire Boot, Model 507502	1	390.00	390.00
Prices quoted apply to all sizes, sizing at your facility and delivery to your facility.		Total	



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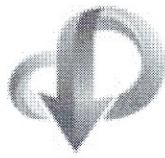
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Description	Quantity	Unit Price	Total
INNOTEX GRAY™ hood 25, ext layer. 20% Nomex® / 80% Lenzing; int. layer. Stedair® Prevent - (M/L) **No Exceptions taken to any of your specifications**	1	94.00	94.00
Prices quoted apply to all sizes, sizing at your facility and delivery to your facility.		Total	\$3,229.00

P.O. Box 1329 Gonzales, LA 70707 225-644-4545 Toll Free 866-247-3473 Fax 225-644-5253 Email: bgs.sales@bgsllc.com



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

2020 Bunker Gear and Accessories for Firefighters
Thibodaux Volunteer Fire Department

Project documents obtained from www.CentralBidding.com

13-Jul-2020 08:54:29 AM

BID NOTICE

ELECTRONIC BIDS will be received by the Thibodaux Volunteer Fire Department (TVFD) until, **July 16, 2020 at 6:00 p.m. local time** at which time bids will be retrieved from the Central Auction House (CAH) website and read aloud in the TVFD meeting room located at 800 Parish Road, Thibodaux, LA 70301.

Bid Documents are available for download and examination at 7:00 a.m. on June 30, 2020 **only** at CAH's website www.centralbidding.com. To view the bidding documents, download, and receive notices by e-mail, bidders must register with CAH. For information about the electronic submittal process, contact Central Auction House at (225) 810-4814. Hard copies of bid documents will not be distributed.

The intent of this bid is to supply protective clothing - **BUNKER GEAR AND ACCESSORIES FOR FIREFIGHTERS** - and to ensure the product best meets the needs of the TVFD.

Bids submissions shall meet the specifications for Turnout Gear, Fire Helmet, Fire Helmet Light, Gloves, Fire Boot and Particulate Blocking Hood, following the TVFD specifications. Bid pricing will apply to all sizes and include delivery. Delivery of goods shall be made to the TVFD in the City of Thibodaux, LA.

Bid award shall begin from the date of approval by the TVFD Fire Board. The bid shall be valid for one (1) year from the date of TVFD Fire Board approval, with the option to renew for one (1) additional year.

LA. R.S. 38:2212(F) (2) Whenever in specifications the name of a certain brand, make, manufacturer, or definite specifications utilized, the specifications, shall state clearly that they do not restrict bidders to the specific brand, make, manufacturer, or specification named; that they are used only to set forth and convey to prospective bidders the general style, type character, and quality of the product desired and that equivalent products will be acceptable...

Contact Fire Chief Jeff Naul at 985-665-7878 or by email at fd1@thibfiredept.org for any clarification or information with regard to the bid documents. TVFD reserves the right to reject any bid if it is determined that the submitting business entity is not in good standing with the Louisiana Secretary of State or is not authorized to do business in the State of Louisiana. TVFD also reserves the right to reject any and all bids for just cause.

Thibodaux Volunteer Fire Department
Ron Bourgeois, Board President

Publication Dates - June 30th and July 7th, 2020

Thibodaux Volunteer Fire Department – Bunker Gear and Accessories – July 2020

GENERAL REQUIREMENTS - HONEYWELL MORNING PRIDE VIPER TURNOUT GEAR

Stitching and seams

Unless specified otherwise, all Major A seams (outer shell body seams) shall be at least double-needle stitched, using one or a combination of the following stitch types: 301, 401, 504, and 516. All Major B seams (moisture barrier and thermal liner seams) shall be stitched using stitch type 516. In addition, moisture barrier seams shall be heat and pressure sealed with a 1" wide sealing tape for protection against liquid penetration. All stress points such as pockets, flaps, zippers, storm flap, and tabs shall be bartacked for reinforcement using no more than 28 stitches over 5/8" to prevent damage to the material.

All seams shall use Nomex thread only. There shall not be any skipped stitches, broken threads or visible tucks. If there are any broken threads, they are to be repaired from the same needle holes. Thread tension shall be constant throughout. The seam shall be taunt and without balls of thread. Stitches per inch shall be as follows so that the needle perforations do not affect the more susceptible materials: 6 ± 1 for liner topstitching and padding; 7

± 1 for trim; and 8 ± 1 for other stitches including feed-off and overlock. Backtacks shall be used on all lock stitches and shall have a minimum of 3 and a maximum of 4 stitches. All pockets and reflective trim shall be lock-stitched to the body of the garment. All hook and loop fasteners shall be lock-stitched. Hook and loop fastener strips of 4" and less in length (pocket closures, throat tab) shall be attached with a box & cross stitch pattern.

☒ COMPLY ☐ EXCEPTION

COAT CONSTRUCTION

Note: All the dimensions in the specification are based on a regular coat, size 46" chest; they may vary for other sizes according to grading.

Body

The body of the coat shell shall be constructed of five separate body panels consisting of two front panels, two side panels and one back panel. This design applies to all layers of the garment. The coat shall be available in both men's and women's patterns. The coat shall be available in four different lengths to ensure sufficient overlap of coat and pant depending on height of the firefighters.

Short, which is 31" in length (men's) or 29" in length (women's) when measuring from collar seam to hem (for firefighter 5'6" and less).

Regular, which is 33" in length (men's) or 31" in length (women's) when measuring from collar seam to hem (for firefighter 5'7" to 6').

Tall, which is 35" in length (men's) or 33" in length (women's) when measuring from collar seam to hem (for firefighter 6'1" to 6'3").

X-Tall, which is 37" in length (men's) when measuring from collar seam to hem (for firefighters over 6'4" to 6'7").

The bottom front of the coat shall be raised 4" to prevent filled pockets from impeding bending and general movement. The bottom design of the coat shall be tapered downward to the rear to accommodate deep pockets on the rear side. The tapered-down design shall insure the pockets are set lower as to not interfere with the waist straps from the breathing apparatus and maintain pocket flaps just below the straps for uninterrupted access.

The coats shall be available in 2" chest increments from 34" through 76" (woman's coat available in 32" to 58"). Sleeve length shall be available in multiple lengths from extra short to extra-long and graded according to size.

☒ COMPLY ☐ EXCEPTION

FRONT CLOSURE

Viper coat with zip and Velcro

The positive coat closure shall be by means of a heavy-duty #10 Nylon zipper on Nomex tape, 19" long, covered by the storm flap. The zipper shall be double needle lock stitched to the left and right coat front panels. The storm flap shall be secured in the closed position with 1-1/2" wide hook fastener, double lock-stitched, on the left side of the coat body matching a 1-1/2" wide loop fastener, double lock-stitched, on the underside of the storm flap. A tab of polymer coated Kevlar material, double thickness and 4" long, shall be attached to the zipper slider to facilitate opening and closing with gloved hands.

STORM FLAP

STD/ #810 on S 25/2

STD T-Closure

The front T-Closure shall consist of a storm flap measuring 4-1/2" by 24" (for regular length). The storm flap shall have an integrated extension at the top insuring that there is no gap in protection. The storm flap extension shall be a contoured continuation of the storm flap and constructed of two layers of outer shell sandwiching a layer of moisture barrier. The ply of moisture barrier shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the coat for continuous protection throughout. The storm flap extension shall measure not less than 10-1/2" wide by 3" high. The storm flap extension shall be secured to the collar, and shall be adjustable in the horizontal and vertical planes, by means of a 2" x 2" strip of loop fastener attached to the inside of each wing of the storm flap extension. The storm flap extension right wing shall have a 2" x 1" strip of hook fastener sewn to the inside so that the storm flap extension left wing may be folded under and attached to the strip of hook fastener on the

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right wing in the stowed position. A 2" by 3" strip of hook fastener shall be sewn to each side of the collar for attachment and adjustment of the storm flap extension throat protector.

Collar

STD

The collar shall consist of two layers of outer shell fabric sandwiching layers of moisture barrier and thermal barrier material. The collar shall be a minimum 4" high. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of fabrics as the rest of the coat for continuous protection throughout. The moisture barrier shall continue $\frac{3}{4}$ " below the neck line.

☒ COMPLY ☐ EXCEPTION

Soft Drag Rescue Device

All coats shall be equipped with a deployable Drag Rescue Device that is built within the outer shell and liner, to help in various rescue situations such as dragging or moving incapacitated firefighters to safety. The device shall consist of 1-1/2" Kevlar webbing strap appropriately placed between the liner and the outer shell. The webbing strap shall be longer than 100" and graded to size. The webbing strap shall form a loop around the shoulders and exit the coat above the collar seam, so as to not interfere with SCBA straps or units. The handle of the harness shall be located outside of the garment, and shall remain hidden under a tapered flap of outer shell material when not in use. The letters DRD shall be applied and lock stitched to the flap using stitch type 301 to allow easy identification in low light conditions. The stitched overlapped ends of the Kevlar webbing shall be tested for 2500 lbf strength, per ASTM D 6775

This device is not intended for a vertical or suspended rescue.

☒ COMPLY ☐ EXCEPTION

Back and shoulders

The back panel shall be tapered down, not less than 4", providing a tailored fit without reducing range of motion.

There shall be a contoured padding of one layer of nine ounce Aramid, sewn between the moisture barrier and the thermal liner at the top of the shoulder to enhance thermal insulation, protect against compression of materials. The stitching shall not penetrate the moisture barrier fabric.

☒ COMPLY ☐ EXCEPTION

Liner assembly

All moisture barrier seams shall be stitched with a safety stitch # 516 and sealed on the breathable membrane side of the moisture barrier with a minimum 1" wide seam-sealing tape to prevent moisture penetration. The tape shall be applied under pressure by a hot air seam-sealing machine designed for that purpose. All thermal liner seams shall be sewn with a safety stitch # 516.

The moisture barrier shall be sewn to the thermal liner at its perimeter with the inside facing out with a lock stitch # 301. It shall then be turned so that the right side faces out and the breathable membrane side of the moisture barrier is oriented toward the quilt batting on the inside of the thermal liner. It shall then be top stitched with a second row of lock stitch # 301 around the entire perimeter.

The use of fire resistant neoprene coated fabric tape is not an acceptable method of joining the moisture barrier and thermal liner at the edges since it adds weight, gets used faster and is more difficult to repair.

☒ COMPLY ☐ EXCEPTION

LINER ATTACHMENT

The moisture barrier and thermal liner shall extend to the front facings of the outer shell and shall be secured there to with a # 5 black Nylon zipper on Nomex tape, approximately 65" long and graded according to size. The zipper shall start from the bottom of the right body panel and end at the bottom of the left body panel. A flap made of the specified moisture barrier and outer shell fabric shall cover the zipper. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the coat for continuous protection throughout. A single 3" Nomex tabbing shall be located in the center of the back at the hem to insure the bottom of the liner does not retract.

The use of multiple zippers, snaps or Hook and Loop fastener to secure the liner to the outer shell left and right body panels shall not be acceptable.

☒ COMPLY ☐ EXCEPTION

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Hang-up Loop

A hang-up loop constructed of outer shell material measuring approximately ½" by 3" shall be sewn inside the collar, approximately one inch from the top.

☒ COMPLY ☐ EXCEPTION

Sleeves and Cuffs

STD/ #225

#606

Std - Wrist SteamGard

Sleeve Cuffs - Arashield

The sleeves shall be constructed of a 3-piece, set-in, ergonomic design such that the joining seams do not obstruct the movement of the shoulders and arms.

The elbow area shall have a layer of fire resistant neoprene coated fabric sewn between the thermal liner and the moisture barrier for additional protection against steam burns.

Under the trim on sleeves, the thermal shall have a layer of fire resistant neoprene coated fabric sewn between the thermal liner and the moisture barrier for additional protection against steam burns.

The sleeve ends shall be reinforced at the cuffs with a 2" wide band (1" finished) of polymer coated Kevlar material, double lock-stitched to the cuff. The color shall be black.

Wristlets and Waterwells

STD/ #315

Wristlets (wrist only) Nomex - impermeable waterwell

The inside of the sleeve ends shall terminate in a double thickness knit wristlet. These wristlets shall be sewn to a waterwell approximately 4-¾" in length forming a water barrier between the wristlet and the sleeve. This water barrier shall be lock-stitched to the outer shell fabric and lock-stitched at the cuff. The wristlets and waterwells configuration shall prevent water and debris from entering between the outer shell and the liner when the arms are raised.

The wristlet shall be made of double thickness of natural Nomex knit, finished length of approximately 3-1/4", sewn to a fire resistant neoprene coated fabric waterwell.

The Nomex knit wristlets which shall provide a thumb attachment by means of a Nomex tabbing material bartacked at each end approximately 2" apart at the knit cuff opening. Between the attachment points of the Nomex tabbing material to the knit tubing material shall be a half-moon/scalloped cut-out. The Knit material shall not cover the palm of the wearer's hand.

Four (4) Nomex tabbing with female snap fasteners shall be sewn on the knit wristlet at the edge of the waterwell for attachment of the liner. The four female snaps shall engage their four male counterparts on the sleeve liner. This configuration will limit the retraction of the liner, thus reducing the risk of injury.

☒ COMPLY ☐ EXCEPTION

Pockets

STD #197

Side Winder Pocket

There shall be one inside pocket measuring 10-½" by 8-½" with pencil slot on the left interior side of the liner.

The bottom front of the coat shall be raised 4" to prevent filled pockets from impeding bending and general movement. The bottom design of the coat shall be tapered downward to the rear to accommodate deep pockets on the rear side. The tapered-down design shall insure the pockets are set lower as to not interfere with the waist straps from the breathing apparatus and maintain pocket flaps just below the straps for uninterrupted access.

The pockets shall be integrated in the left and right side panels. The pockets shall be graded to size and shall measure not less than 9-¼" wide x 9-¼" high at the back. A flap measuring 8-½" shall cover the pocket opening. Two strips of hook fastener on the pocket and two strips of loop fastener on the pocket flap shall secure the pocket flap. The pockets shall have an expansion pleat measuring not less than 2" wide by 2" deep in the center of the pocket opening. The lower portion of the pockets shall be reinforced on the inside with a Kevlar pouch equipped with one grommet for drainage. The pouch shall cover all sides of the pocket at bottom.

☒ COMPLY ☐ EXCEPTION

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Retro-reflective Fluorescent 3" Trim

The trim shall be lock-stitched to the coat using stitch type 301 at the edge of the trim. The Trim shall be double- stitched with Kevlar thread only. A laser alignment system shall be used to insure the reflective trim is consistently positioned and that both ends of the trim are aligned when sewn around the sleeves and coat body. For additional abrasion protection at wristlet, the back trim is covered by a sewn on strip of polymer coated Kevlar material laid on top of the Major A seam.

The trim type shall consist of Scotchlite triple trim, 3 inch wide, yellow/silver/yellow.

Lime 2-Tone Scotchlite (3")

The trim shall be configured in the following manner.

NFPA Hi-viz pattern consisting of:

- 1 band around forearm of each coat sleeve
- 1 horizontal band across chest
- 1 around entire circumference of the coat hem
- 2 vertical bands on the back

☒ COMPLY ☐ EXCEPTION

Labeling

All coats shall bear a label stating the following:

Name and address of the manufacturer Date of manufacture

Size

Care instructions

Materials used in the construction of the garment

Proof of certification to the latest edition of the applicable standard FEMSA warning

Unique serial number

Bar coded unique serial number Order number

☒ COMPLY ☐ EXCEPTION

Coat Options

Pockets

Radio Pockets

#113

Radio Pocket w/Antenna Det. & Neoprene – 7.5" x 3.5" x 2

The radio pocket shall be rectangular measuring 7-1/2" x 3-1/2" x 2". It shall have a flap measuring 4-3/4" x 3-3/4" wide with a 1-1/2" x 3" hook fastener locked-stitched horizontally on the pocket and a 1-1/2" x 3" loop fastener locked- stitched vertically on the flap for adjustment. The top of the flap shall be fixed by hook and loop fastener and bartacked at the center, approximately 1" above the radio pocket. The inside of the radio pocket shall be lined with fire resistant neoprene coated fabric. The pocket flap shall have a layer of fire resistant neoprene coated fabric sandwiched between two layers of outer shell material. The radio pocket shall be equipped with one grommet for drainage. Each pocket shall be bartacked for added strength.

The radio pocket shall be sewn to the left chest

☒ COMPLY ☐ EXCEPTION

ACCESSORIES

#128 Microphone Loop

The microphone loop shall be 1" x 2-1/2" long band of outer shell material and shall be installed with bartacks.

The microphone loop shall be sewn to the upper left chest

☒ COMPLY ☐ EXCEPTION

#137

Flashlight loop with utility strap

The flashlight loop shall be made of double layer of outer shell fabric 2" x 2" wide and shall be equipped with a Nomex webbing utility strap 12" long by 1" wide, box & cross stitched below the loop. The strap shall be secured with a 6" x 1" loop fastener on the right side matching a 2" x 1" hook fastener on the left side. The flashlight loop shall be sewn to the right chest

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☒ COMPLY _____ EXCEPTION

#705 Lettering applied directly to Coat

Reflective letters and/or numbers shall be available to permit identification on each garment. The letters and/or numbers shall be arranged as follows.

Letters and numbers used shall consist of 3 inch sewn letters lime-yellow Scotchlite.

The following letters and/or numbers shall be heat applied and sewn to the garment < T V F D >

☒ COMPLY _____ EXCEPTION

#706 American Flag

The US flag made of Nomex shall be placed on the right shoulder.

☒ COMPLY _____ EXCEPTION

#276 Inspection port

Max-View Inspection port with hook and loop

The coat shall have an inspection port to permit visual inspection of the moisture barrier film and thermal line substrate without the need to undo seams. The inspection port shall consist of an opening in the back thermal liner, closed hook & loop. The opening shall be approximately 20" long.

☒ COMPLY _____ EXCEPTION

#205 PADDING

Elbow Pads (1 layer)

The elbow pads shall be constructed of a 9" x 7" layer of thermal barrier sewn between the thermal barrier and moisture barrier.

☒ COMPLY _____ EXCEPTION

#365 Name Patches

Hanging name patch 4" X 19"

The removable hanging name patch shall be made of 2 layers of outer shell fabric 4" X 19" long attached with hook fastener of the same size matching a loop fastener at the back hem of the coat. The four female snaps shall engage their four male counterparts at bottom of coat. The name patch shall have a capacity for fifteen 2" letters or eleven 3" letters on one line. The name patch shall be located on the edge of the back.

☒ COMPLY _____ EXCEPTION

PANT CONSTRUCTION

Note: All the dimensions in the specification are based on a regular pant, size 36" waist; they may vary for other sizes according to grading.

Body

The construction of the pant shall consist of six back panels, two upper front leg panels and two lower front leg panels joined by outseams and inseams. This design applies to all layers of the garment. The front panels are shaped in such a manner that an extra 1-1/2" wide curve is added at the knee area for superior flexibility. The knee area of each leg shall have two pleats on each side on the outer shell and one pleat on each side on the moisture barrier and thermal liner. The pant shall be a bunker pant design with approximately a 14" rise (crotch seam to waist) in the front and a 20" rise in the back. The pant shall be available in both men's and women's patterns.

The pants shall be available in 2" waist increments from 28" through 80" (26" through 58" in woman's pants). The pants shall be available in 2" inseam increments from 26" through 38" (24" through 34" in woman's pants).

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☒ COMPLY _____ EXCEPTION

Model Number

OS372 6.6 oz Agility Dark Gold

TLI 7.1 oz Synergy II 2 Layer

MBG 5.5 oz Stedair 4000

☒ COMPLY _____ EXCEPTION

Fly front and liner attachment

A separate fly flap measuring 3" wide and 9-½" long shall be sewn to left side of the fly. The fly flap shall be constructed of a ply of outer shell material, a ply of a moisture barrier, and a ply of thermal liner material. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the pant for continuous protection throughout

An additional layer of thermal and moisture barrier 2-½" wide and 9-½" long shall be added to the underside of the outer shell material to the left of the fly to insure continuity of protection. The plies of moisture barrier and thermal liner shall not be pre-cut and shall be of the same type of moisture barrier as the rest of the pant for continuous protection.

Viper pant with zip and Velcro

S35 The primary closure shall consist of a #10 Nylon zipper on Nomex tape. The secondary closure shall consist of a 1-½" wide by 8" long hook and loop fastener to secure the fly flap over the zipper.

To prevent accidentally detaching the liner when donning the pants the liner shall be positively attached to the outer shell at the waist by means of a #5 Nylon zipper on Nomex tape. This zipper shall be covered by a 2-½" wide flap of thermal barrier, double-needle lock stitched to the waist of the pants. A minimum of seven snaps shall secure the waistband to the liner. The use of multiple snaps as the only positive attachment of the liner to the outer shell shall not be acceptable.

The moisture barrier and thermal liner shall be completely detachable from the outer shell for ease of cleaning.

☒ COMPLY _____ EXCEPTION

STD Side Pull Tabs

Waist adjustment shall be assured by means of side-pull-tabs constructed of a 1" by 11" long strap of Nomex webbing with a 1" self-locking NFPA compliant buckle on each side of the waist. These side pull-tabs shall be box & cross stitched to the outer shell.

☒ COMPLY _____ EXCEPTION

Liner assembly

All moisture barrier seams shall be stitched with a safety stitch # 516 and sealed on the breathable membrane side of the moisture barrier with a minimum 1" wide seam-sealing tape to prevent moisture penetration. The tape shall be applied under pressure by a hot air seam-sealing machine designed for that purpose. All thermal liner seams shall be sewn with a safety stitch # 516.

There shall also be two extra layers of nine ounce Aramid sewn between the thermal barrier and moisture barrier at the knee area, to enhance thermal insulation, to guard against compression of materials, as well as to reduce steam burns due to heat transfer. The stitching shall not penetrate the moisture barrier fabric.

The moisture barrier shall be sewn to the thermal liner at its perimeter with the inside facing out with a lock stitch # 301. It shall then be turned so that the right side faces out and the breathable membrane side of the moisture barrier is oriented toward the quilt batting on the inside of the thermal liner. It shall then be top stitched with a second row of lock stitch # 301 around the entire perimeter.

The use of fire resistant neoprene coated fabric tape is not an acceptable method of joining the moisture barrier and thermal liner at the edges since it adds weight, gets used faster and is more difficult to repair.

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☒ COMPLY ☐ EXCEPTION

Pockets

STD/ #186 Full Bellow Pocket (10"x10")

There shall be two full bellow pockets, 10" x 10" with a 2" deep bellow and a 5" x 10-7/8" flap. The pant pockets shall be sewn over the side seams at the thighs. The flap shall be secured by two 1-1/2" x 3" hook fastener locked- stitched horizontally on the pocket and a 1-1/2" x 3" loop fastener locked-stitched vertically on the flap for adjustment. Each pocket shall be equipped with two drainage grommets. Each pocket shall be bartacked for added strength.

Kevlar Pouch reinforcement 5" High - Inside

The lower portion of the pockets shall be reinforced on the inside with a Kevlar pouch equipped with two grommets for drainage. The pouch shall cover all sides of the pocket up to 5" from the bottom.

☒ COMPLY ☐ EXCEPTION

Legs and Cuffs #621

Pant Cuffs – Arashield

Two aramid tabs with female snap fasteners shall be stitched to the inside of the outer shell near the cuffs as attachment of the liner.

The outer shell shall be reinforced at the cuffs with a 2" wide band (1" finished) of polymer coated Kevlar material double lock-stitched to the cuff.

The color of the reinforcement shall be black.

☒ COMPLY ☐ EXCEPTION

Retro-reflective fluorescent trim

(7) NFPA Trim

The trim shall consist of a single band of retro-reflective trim lock-stitched using stitch type 301 around the lower pant leg. The trim shall be lock-stitched to the pant at the edge of the trim. All stitches shall use Kevlar thread only. A laser alignment system shall be used to insure the reflective trim is consistently positioned and that both ends of the trim are aligned when sewn around the pant leg. For additional abrasion protection, the trim on seam, is covered by a sewn on strip of polymer coated Kevlar material laid on top of the Major A seam.

Lime 2-tone Scotchlite (3")

The trim type shall consist of Scotchlite triple trim, 3 inch wide, yellow/silver/yellow.

☒ COMPLY ☐ EXCEPTION

Labeling

All pants shall bear a label stating the following:

Name and address of the manufacturer Date of manufacture

Size

Care instructions

Materials used in the construction of the garment

Proof of certification to the latest edition of the applicable standard FEMSA warning

Unique serial number

Bar coded unique serial number Order number

☒ COMPLY ☐ EXCEPTION

PANT OPTIONS

SUSPENDERS

The pants shall be equipped with super-heavy-duty removable suspenders. These suspenders shall consist of 2" wide red cotton webbing in the front and upper back and 2" wide by 9" long elastic straps at the lower back. A 2" wide by 5" long piece of elastic strapping shall form an "H" at the back of the suspenders.

STD/ #538

Removable Suspenders – New England Style

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-2SY

The suspenders shall be attached to the front of the pants by two quick release male buckles for quick removal and attachment. The female buckle of the suspender shall be attached to the waist of the front of the pant with a lock- stitched and bar-tacked loop of black Nomex webbing. The back of the suspenders shall be equipped with a 2" x 4" hook and loop fastener, which shall pass through slider buckles attached at the waist of the pant with lock-stitched and bartacked black Nomex webbing. Adjustment of the suspenders shall be made by pulling downward on a loop attached to the webbing for tightening or by releasing the quick-adjust buckle for loosening and shall include Retro-reflective fluorescent 2" trim.

☒ COMPLY ☐ EXCEPTION

Advanced Foam Technology Padding for Suspenders

#530

Padding for Suspenders

The suspenders shall have one layers of foam padding sewn underneath the suspender strap at the shoulder area. The foam padding shall be lock stitched with Nomex thread.

☒ COMPLY ☐ EXCEPTION

EXTRA KNEE PADDING

I-Tech insertable knee pad

#214

I-Tech insertable knee pad

The knees shall be padded with one layer of polymer padding. A pouch shall be sewn underneath the outershell and closed by hook and loop fastener.

The polymer padding shall be removable.

☒ COMPLY ☐ EXCEPTION

ACCESSORIES

Boot Cut

#260

Reverse Boot Cut

The bottom of the pants' leg shall be 1" shorter in the back in order to improve the fit over the firefighter's boots.

☒ COMPLY ☐ EXCEPTION

Inspection Port with Zipper

#277

Max-view Inspection port with velcro - pant

The pant shall have an inspection port to permit visual inspection of the moisture barrier film and thermal liner substrate without the need to undo seams. The inspection port shall consist of an opening in the thermal liner of the right upper leg, closed with hook & loop. The opening shall be approximately 10" long.

☒ COMPLY ☐ EXCEPTION

REINFORCEMENT

Knee Reinforcement

#626

Knees Reinforced - Arashield

The knee reinforcements shall be constructed of a rectangular piece of polymer coated Kevlar material measuring 13" high by 9" wide, and sewn onto the knee area of the outer shell. The color of reinforcement shall be black.

☒ COMPLY ☐ EXCEPTION

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Pocket Reinforcement

Pocket Kevlar Pouch Reinforcement #634/ for #186

Kevlar Pouch reinforcement 5" high - inside

The lower portion of the pockets shall be reinforced on the inside with a Kevlar pouch equipped with two grommets for drainage. The pouch shall cover all sides of the pocket up to 5" from the bottom.

☒ COMPLY ☐ EXCEPTION

Belt Loops #133

The belt loops shall be made of Nomex webbing 3-1/2" x 1" wide. The belt loops shall be installed at the waist level on the pants as follows: one on the center back, one on each side of the front closure, and one side tunnel on each side of the waist.

☒ COMPLY ☐ EXCEPTION

Bullard USTM Traditional Structural Fire Helmet

Helmets for Structural Firefighting shall meet or exceed NFPA 1971, *Standard on Protective Ensemble for Structural Fire Fighting and Proximity Fire Fighting*, (Pertaining to Structural Fire Helmets).

Certification/verification shall be furnished by written documentation supplied by a recognized independent third party test laboratory.

A sample helmet meeting the requirements of this specification shall be supplied upon request for inspection and verification of compliance within 10 working days.

The authority having jurisdiction reserves the right to accept bids submitted per their evaluation based upon compliance to the standard performance and any other applicable requirements concerning fit and function.

The authority having jurisdiction reserves the right to accept the most appropriate helmet based on the above stated criteria without regard to lowest price offerings.

General

Helmets conforming to this specification are designed to help protect the firefighter from head and neck injuries related to structural firefighting activities.

The helmet manufacturer shall be a certified ISO 9001 company to assure quality procedures and production capabilities.

Physical Configuration

The basic helmet shall be a flared, rear-brim design with a length of 15-5/8", a width of 12", and a height of 7".

Shell

The helmet shell shall be of Traditional style with four primary and four secondary ribs bisecting the dome. The shell shall be comprised of a composite fiberglass with a thermoset fire retardant resin. Color pigment shall be added to the resin as part of the manufacturing process that molds the helmet to maintain appearance by masking chips and scratches that might occur in daily wear and tear. The shell finish shall be a non-glossy "matte" style and shall be available in yellow, red, black, white, camouflage, pink camo, blaze camo, winter camo, and pink ribbon.

The edge of the composite shell shall have an aluminum reinforced, elastomeric edge beading that is secured at the rear of the brim by a brass clip and D-ring fastened by a brass rivet. The edge beading shall not melt, drip, or ignite when tested to NFPA 1971 Section 8.6 Heat Resistance requirement.

Leather Front & Holders

A stamped, embossed, brass sheet front shall be provided in the form of an eagle to be attached by two solid brass bolts and nuts. The beak of the eagle shall be formed to hold the top of a leather identification shield. Two brass support arms shall fork and extend downward from the eagle head 3-1/2" from the tip of the eagle beak to form the lower supports for attachment of the leather identification shield. An arched brass bar shall be attached to the two lower support arms of the eagle to form a cross bar support. An 8-32 threaded hole shall be provided at the lower support arms of the eagle to accept the two brass screws which hold both the cross bar support and the leather identification shield.

Helmet shall be made available with optional 5" or 6" leather identification shield. Leather identification shields shall have the option of shipping loose or attached to a helmet, and shall have a lead time that is no greater than the standard helmet lead time. For more information about leather identification shields, please visit our website: <https://www.bullard.com/products/fire-and-rescue-helmets/customized-leather-fronts>

Impact Liner System

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The impact liner shall consist of a urethane foam liner glued to a black high-heat resistant inner shell with a heat deflection temperature > 220° F @ 264 psi. The urethane foam liner shall be formed without the use of CFCs to eliminate the potential for additional expansion when subjected to heat during actual use.

The black inner shell shall have four 1" x 3" pieces of adhesive-backed hook material attached, two to each side, to secure the ear/neck protector at the sides of the inner shell.

Crown Strap Suspension System

The crown strap suspension system shall be three 3/4" nylon web straps attached to six nylon keys. The keys shall be locked into the lip of the inner shell against the urethane impact liner.

Ratchet Headband

The helmet shall have a quick-adjustment sizing capability by means of a ratchet adjustment system attached to a heat-resistant nylon headband. The headband shall be attached to the inner shell by four black acetal buttons (two front, two rear). The headband shall have the ability to be raised or lowered inside of the inner shell by location points on the headband. This adjustment shall not affect the height of the helmet on the firefighter's head.

The ratchet portion of the headband shall have a ratchet height adjuster located at the rear of the headband, inside of the inner shell, to permit the ratchet to be positioned for comfort on the nape of the firefighter's head. This ratchet height adjuster shall permit at least 1" of travel by means of three height adjustment keys for proper fit. This independent adjustment component shall have a 3/4" piece of adhesive-backed Velcro hook material attached at the center rear of this component to secure the rear portion of the ear/neck protector.

☒ COMPLY ☐ EXCEPTION

Bullard Tracklite Fire Helmet Light

Warranty

The manufacturer shall warrant the helmet light and associated manufactured parts to be free of defects in material and workmanship, under normal use and service, for a period of one (1) year from date of manufacture (or one (1) year from date of installation for retrofitted units).

Certifications

The helmet light shall be CSA Certified in the US and CANADA as Nonincendive Electrical Equipment for use in Class I, Division 2 and Class I, Zone 2 Hazardous Locations. The helmet light shall bear the CSA mark and descriptions in a noticeable location on the outer side of the primary housing or battery compartment.

Service

The manufacturer must provide helmet light service and retrofit capability through its authorized global distribution network.

Quality

The manufacturer must ensure quality, design and manufacturing methods through third party certification to ISO 9001, or its equivalent. To ensure that the product is of the highest quality, documentation must be presented upon request illustrating a battery of tests that have been conducted to verify water resistance, heat resistance and shock/impact resistance. The helmet light, when installed, must not affect the NFPA certification of the accompanying helmet.

Physical Configuration

The helmet light shall be designed to integrate with the helmet rather than be a user attachable apparatus. Lights which can be attached or removed are not considered integral to the helmet and do not meet the functionality and durability standard of an integrated helmet light and are not acceptable. The helmet light must not alter the construction and capability of the helmet or preclude the attachment of additional accessories such as leather fronts or secondary eye protection. The unit shall incorporate no fewer than eight (8) white LEDs which are mounted on the front of the helmet. A low profile battery housing, located under the back brim of the helmet, shall house the battery power source and a rear blue LED.

Durability

The helmet light shall remain operational after being submerged under 3 feet of water for 30 minutes. The helmet light shall withstand a one meter drop in any orientation and sustain no operational damage. The manufacturer must perform these tests in front of designated department representatives at a mutually determined time and location. Failure to perform these tests in front of designated department representatives shall constitute non-compliance with this portion of the specification.

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Lighting Performance

The helmet light must use eight (8) white 5 mm domed LEDs rated at four (4) lumens each, mounted in two sets of four (4) LEDs along the front part of the helmet. The helmet light shall be capable of continuous operation for a minimum of six (6) hours, producing at least 50% of its original light output.

Outer Housing

The helmet light shall be manufactured from heat resistant Ultem thermoplastic. Due to the likelihood of rigorous use, the Ultem must be molded with color pigment throughout to mask small surface scratches. Outer shells or housings that are painted or otherwise lack consistent color through their entire thickness are not acceptable.

Rear Visibility

The helmet light shall have a rear buddy indicator LED to alert those in the area and those following as to the location and movement of the firefighter wearing the helmet with helmet light. This visibility will be accomplished by a highly visible blue surface mount LED mounted below the rear helmet brim and projecting backward. The LED must be viewable by a person standing behind the firefighter.

Switches

To ensure maximum ease-of-use, the helmet light must utilize only one switch. The sole function of this switch will be to power the unit on or off. The power switch must be located on the back portion of the helmet and must be easily manipulated by a firefighter wearing standard firefighting gloves.

Power Supply

The light must use four commercially available AAA batteries. The batteries must be mounted in a water-tight housing. The battery housing shall only be capable of opening with a screwdriver to guard against accidental opening and dislodging of batteries.

Shipment

The manufacturer shall ship the helmet light, and accompanying helmet, if ordered, in 4 days or fewer after receiving a purchase order.



COMPLY

EXCEPTION

Shelby Specialty Fire Fighting Gloves – Shelby Big Bull 5282 / 5282G

Outer Shell

Heavy Weight, Fire Retardant, Heat Resistant 3.50 to 4.0 oz., Grain Elk hide.

Thermal Liner

8 oz. S.E.F. Modacrylic Fleece Laminated to Gore RT7100 Glove Barrier Fabric.

Protective Barrier

Gore (PTFE) RT7100 Glove Barrier Fabric. This barrier fabric is combined (laminated) to the thermal liner. The breathable barrier/ thermal liner glove system is individually graded and produced in as many sizes as glove sizes. The barrier/thermal liner glove systems are sized proportional to human hand sizes.

Wristlet

Nomex 10.5 oz per yard, Double ply, 4" Wristlet. Wristlet sewn to liner, and then sewn separately to the glove shell. Not required on #5282G

Wrist Pull

3" x 3 1/2" Round Leather Pull, Sewn to Wristlet & Glove Body

Thread

Sewn with high burst Strength Kevlar (30/5) lock stitch, 8-10 stitches per inch

Hanger Loop

1/4" fire retardant, Split Cowhide, Hanger Loop

Label

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Label shall be Permanently Attached to each glove and certifies the glove meets or exceeds the requirements of the latest NFPA standards (1971, Standard on Protective Ensemble for Structural Fire Fighting, 2000 Edition). Label shall be durable and include the following information: name or designation of manufacture; model; name or style number; lot or serial number; size; date of certification tests; patent numbers; cleaning and care instructions. Label to be sewn to inside of glove. Glove is constructed, tested and labeled in accordance with the NFPA Standard on Protective Ensemble for Structural Fire Fighting, NFPA 1971-2007 Edition. The glove is certified by the Safety Equipment Institute (SEI)

Sizes

XXS / 64N, XS / 70N, S / 70W, M / 76N, L / 76W, XL / 82N, J / 82W

Design & Construction

Glove shall be a gunn cut pattern with wing thumb and wrap around index finger. Lining is completely sewn S.E.F. Modacrylic, laminated to Gore RT7100 Glove Barrier Fabric. This creates a strong thermally stable, non-cracking/flaking one-piece liner/barrier system. All seams are sealed with a DuPont® silicone sealant, which ensures that liquids do not come in contact with the hand or hand area. The one-piece lining is permanently sewn to the glove shell in the area of the fingertips and wrist. This proven attachment method eliminates the opportunity for lining pullouts & creates a uniform, inside lining even after repeated use in fire fighting conditions. The glove body shall extend 2" above the wrist crease & shall have a shirred elastic snugger at the wrist.

☒ COMPLY ☐ EXCEPTION

HAIX Fire Eagle Air Fire Boot

Product Abstract

Bunker boot, black, waterproof (to 10.5 inches measured from top of the insole in the heel area), full leather, profiled TPU toe cap, large boot straps on both sides, shin protection, integrated "Boot Jack" with non-slip, heat resistant, shock-absorbing, electrical shock resistant rubber outsole and machine washable insole.

Information

A booklet containing product details, information about fit and wear, electrical properties, and care and storage instructions will be included with each pair of shoes. A hangtag with User Guide download instructions will be attached to each pair of shoes.

Materials

Upper:

Hydrophobic, full grain cowhide, breathable, color black. Thickness: 0.08 - 0.09 inches (2.0 – 2.2 mm), Tested to be hydrophobic for a minimum of 120 minutes (dynamic test in the Penetrometer).

Free of PCP, AZO dyes and Chromium-VI.

Shaft closure (casing, top band, and ankle flexor area, bending area):

Hydrophobic casing leather, breathable, color black. Thickness: 0.05 – 0.06 inches (1.3 - 1.5 mm), Tested to be hydrophobic for a minimum of 120 minutes (dynamic test in the Penetrometer).

Free of PCP, AZO dyes and Chromium-VI.

The casing is up to approx. 3.5 inches (90 mm) high.

Casing lining:

Hydrophobic casing leather, breathable, color black. Thickness: 0.04 – 0.05 inches (1.1 - 1.3 mm), Tested to be hydrophobic for a minimum of 120 minutes (dynamic test in the Penetrometer).

Free of PCP, AZO dyes and Chromium-VI.

The casing lining is approx. 1.1 inch (30 mm) high.

Shin protection:

Memory foam between shaft and lining,

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Thickness: 0.31 inches (8 mm) thick.

Ankle protection:

Combination of molded rubber protector with thickness of 0.12 inches (3 mm), upper leather, and memory foam inside.

Pull-on loop:

Two large pull-on loops at both sides made from upper leather, strengthened with textile strip.

Padding:

Soft, reticulated, breathable foams, Various densities, various thicknesses: 0.28 – 0.31 inches (7 mm – 8 mm)

Lining:

4 layer waterproof laminate with permanently welded seams, abrasion resistance, and nonwoven.

1st layer Face fabric:

Thermobonded nonwoven 100% PA

2nd layer Middle layer:

Nonwoven 100% PES

3rd layer Functional layer:

Bicomponent membrane based on ePTFE

4th layer Backing fabric:

Warp knit monofilament 100% PA

Abrasion Resistance acc. to SATRA TM 31A:

Dry: $\geq 500,000$ movements

Wet: $\geq 200,000$ movements.

Inside back strap / heel grip:

Combination of heel strap leather, color black, Thickness: 0.04 – 0.05 inch (1.1 – 1.3 mm),

and highly abrasion resistant non-woven material, color grey,

Thickness: 0.05 – 0.05 inch (1.1 – 1.3 mm).

Threads:

NOMEX® threads, with a minimum dimension of Nm 45/4, water repellent, colour black.

Insole:

Moisture-absorbing insole with steel joint made from polyester non-woven, 0.1 inch (2.5 mm) thick.

Ladder shank:

Thickness ≥ 1.4 mm, stainless, 3 ruffles, deflection at 400 lb (182 kg) acc. NFPA 1971-2013 not more than 1/4 inch (6 mm)

Insert/ footbed:

2-piece inlay sole (heel shell part and basis), anatomically formed, very good damping, and exchangeable, and washable at 86°F.

The separate heel shape has “Airflow channels” and provides good cushioning and foot insertion.

Heel counter:

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Made of fibrous leather board, matching to the firefighting last,

Thickness: 0.11 – 0.12 inch (2.8 – 3.0 mm)

“Boot Jack” (heel part):

Made of thermoplastic polyurethane, moldings with ribs for better foot pull out

Thickness: 0.07 – 0.24 inch (1.8 – 6.2 mm)

Protective toe cap:

Composite/ plastic toe cap, with synthetic padding strip at the edge,

Type: “HX XR”

Outsole:

Fuel-oil resistant, non-slip and non-chalky, electrical shock resistant and heat resistant rubber shell sole, contains PU damping wedge with puncture resistant stainless steel insert, self-cleaning.

Technical Information

Upper leather with sun reflecting properties:

- Specially furnished upper leather, made during the tanning process
- Reduces the heating effect of the upper leather by direct sunlight
- Sunlight is reflected by the leather, keeping the leather and the feet cooler
- The leather has a reflection rate of over 65 % at a test wavelength of 980 nm, tested with calibrated test equipment

Outsole:

- Lightweight rubber/PU sole with high shock absorption, with a high degree of walking comfort, and excellent thermal insulation.
- Toe spring of approx. 0.59 inches (15 mm)
- Heel spring of approx. 0.50 inches (12 mm)
- Main tread depth minimum 0.22 inches (5.5 mm)
- Profile height in the waist area: 0.10 inches (2.5 mm)
- Stable, non-slipping sole edge for uneven terrain and for high lateral stability
- Self-cleaning effect of profile due to cone-shaped profile grooves
- Wear resistant rubber quality with excellent anti-slip properties
- Yellow color integrated into parts of the sole profile for better passive safety and better visibility in poor visibility conditions

HAIX® Protective sole - Steel mid sole:

- Thickness ≥ 0.02 inches (0.5 mm)
- Stainless, corrosion-resistant
- Puncture resistance acc. to NFPA 1971-2013 ≥ 1212 N (272 lbf)
- Flex cracking resistance acc. to ASTM F2413-11 and CAN/CSA Z195-14 $\geq 1,500,000$ flexes

Slip-out help (Boot Jack):

- Specially designed TPU heel part for easy removal of boots
- → Integrated Boot Jack

HAIX® AF System (HAIX® Ankle Flex System):

- System offering a very good heel adaptation of the boot to different instep heights and widths.
- With elastic insert which stretches when stepping into the boot and therefore enables the foot to get in.
- This elastic insert encompasses the foot firmly in the instep area and holds it in place against the rear heel cap.

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- During walking, a tight heel fit has to be guaranteed. The heel may not (or only at a minimum) move up and down inside the boot (“slipping” in the boot).

Heel and instep bend:

- Guarantees a smooth movement when kneeling, bending, and operating a machine.
- With padded leather as instep and heel bend.

Pull-on loops:

- With leather straps on both sides of the boots.
- At least 1 inch (25 mm) broad having a length of approx. 10 inches (25 cm).

Reflective strip:

- Yellow reflective ankle strip on the outside above the outsole
- Width: up to 1.38 inches

HAIX® Composite Toe Protection Cap:

- Composite toe cap acc. to ASTM F2413-11, 5.1, 5.2 and CAN/CSA-Z195-14, 4.2

Inlay sole (Insert):

- anatomically formed, very good damping, and exchangeable inlay sole
- the insert base is made of PUR-foam, laminated with Polyester, an abrasion resistant upper material has to withstand more than 100.000 scrubbing tours at the minimum (Martindale) without scrubbing through.
- The inlay is washable at 86°F (30 °C).
- The “Perfect Fit” marking provides an optimal verification of the correct shoe size

HAIX® Climate System:

- Permits air circulation with every step.
- At the top of the upper leg height, there are at least 13 ventilation holes.
- Inner lining glued to upper only periodically to prevent detachment and allow full breathability of the leather.

HAIX® Arch Support System:

- The AS system supports the natural curvature of the foot and keeps the foot in the best position for optimal foot health.

HAIX® Absorption:

- Shock absorption with cushioning wedge which is built in into the sole.

Extended Wear Program:

- Out of warranty footwear can be refurbished with original factory parts through an extended wear package. This package includes any necessary replacement or repair of stitching, profiled rubber toe caps, insoles, and retreading of soles. Footwear will be cleaned and deodorized. HAIX® footwear owners also have the option of a sole retread only or a toe cap replacement only.

Quality Assurance

Marking:

- Every shoe is equipped with a durable, long lasting, and legible label containing company specific data as serial number, size, and production site.
- Each shoe has a unique code number which permits tracking of the shoes in the production company and with consumers.

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Waterproof quality:

- Each 50th pair (and/or after each disturbance of the producing process) of welded seams must be checked using an imperviousness testing device.
- The welding seam must withstand a test pressure of 1 bar for at least 5 minutes. The test result is available upon demand.
- Daily, at least one pair of shoes is checked for its waterproof quality on a walking simulator.
- Over a period of 300,000 scrubbing cycles (approx. 24 hours) the shoe should not take on any water. Test results are available on demand. On prior agreement and on demand, technically adequate testing procedures (e.g. centrifuge) are also able to be used due to production organizational reasons.

Certification by Underwriter's Laboratories, Inc.

- NFPA 1971-2013, Standard for Protective Ensembles for Structural Fire Fighting
- NFPA 1992-2012, Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Material Emergencies
- ASTM F2413-11, Standard Specification for Protective Footwear
 - Impact Class I/75, Compression Class C/75
 - Puncture Resistance PR
 - Electric Hazard Resistance (EH)
- CAN/CSA-Z195-2014, Standard for Protective Footwear, Grade 1 Electric Shock Resistance



COMPLY

EXCEPTION

INNOTEX GRAY™ Hood 25 Particulate Blocking Hood

Technical Data:

Certified NFPA 1971: 2018 Edition

The INNOTEX GRAY™ Hood 25 has a THL of 427 (NFPA 1971: 2018 Edition requirement is a minimum THL of 325).

The INNOTEX GRAY™* Hood 25 has a TPP of 22.6 when new and a TPP of 34.1 after 5 washes (NFPA 1971: 2018 Edition requirement is a minimum TPP of 20).

The particulate blocking layer blocks particulates 0.1 µm to 1.0 µm (microns) by greater than 99%. (NFPA 1971: 2018 Edition requirement is a minimum of 90%)

- Air Permeable
- Flatlock stitch for maximum comfort 21'' in length
- Full drape coverage around the shoulders
- 100% protection coverage throughout the hood
- Heavy ½'' Elastic prevents stretching out when worn around the neck
- Tested for 100 washes
- Optimized comfort



COMPLY

EXCEPTION

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BIDDER REQUIREMENTS

Bidder shall provide custom sizing for each new coat and pant with manufacturers sizing garments.

Coat chest size must be available in two-inch increments and coat sleeve length must be available in one-inch increments. Pant waist size must be available in two-inch increments and pant inseams must be available in one-inch increments.

Sizing shall be done at the location of the Buyers choosing for each individual set of coat and/or pant.

Pricing shall apply to all sizes (NO OVERSIZE CHARGES)

Bidder shall have a repair center located in Louisiana. Pricing shall include delivery to Thibodaux VFD.

Note that TVFD is making no commitment to order any specific number of complete sets of bunker gear and accessories throughout the contract time.

BID FORM

TOTAL BID for ONE complete set of BUNKER GEAR AND ACCESSORIES FOR FIREFIGHTER (Turnout Gear, Fire Helmet, Fire Helmet Light, Gloves, Fire Boot and Particulate Blocking Hood)

Three thousand two hundred twenty nine Dollars (\$ 3,229.00)

Name of Bidder: BGS, LLC

Address of Bidder: 2204 S. Commerce Ave, Gonzales LA 70737

Name of Authorized Signatory of Bidder: Todd Singletary

Title of Authorized Signatory of Bidder: Outside Sales

Signature of Authorized Signatory of Bidder: Todd m. Singletary

Date: 7-16-2020