



DEPARTMENT OF PURCHASING & CONTRACT COMPLIANCE
Winner 2000- 2008 Achievement of Excellence in Procurement Award
National Purchasing Institute

Jerome Noble, Director



November 13, 2008

Re: 09ITB36551C-BL, Firefighter Protective Clothing
09ITB52600C-BL, Self Contained Breathing Apparatus

Dear **BIDDERS**:

Attached is one (1) copy of Addendum 2, hereby made a part of the above referenced **09ITB36551C-BL, FIREFIGHTER PROTECTIVE CLOTHING and 09ITB52600C-BL, Self Contained Breathing Apparatus**.

Except as provided herein, all terms and conditions in the **09ITB36551C-BL FIREFIGHTER PROTECTIVE CLOTHING and 09ITB52600C-BL, Self Contained Breathing Apparatus** referenced above remain unchanged and in full force and effect.

Sincerely,

William E. Long, Jr., CPPB
Chief Assistant Purchasing Agent

This Addendum forms a part of the contract documents and **modifies** the original RFP documents as noted below:

QUESTIONS SUBMITTED

QUESTION: How many employees are to be sized for mask?

RESPONSE: 130

QUESTION: We assume that you want qualitative fit testing done for each of the above employees. Is this correct?

RESPONSE: Yes

QUESTION: How many locations will we be fit testing at and how many people at each location at a time?

RESPONSE: One (1) Location over three (3) days to accommodate three (3) shifts. There are ten (10) stations and each company will rotate as each unit is completed.

QUESTION: Will we only go to each location once?

RESPONSE: One (1) location over three (3) days.

QUESTION: Will we only be fit testing each employee once?

RESPONSE: Yes

QUESTION: On item #1 do you want 30, 45, or 60 minute cylinders for your air pak 75s?

RESPONSE: 45

QUESTION: Please verify that what you want bid on item #1 is as follows: 50 - Scott Air Pak 75 / with current NFPA Approvals 50 - Scott PASS Devices Installed on Air Paks / WITH CURRENT NFPA Approvals 50 - Scott AV-3000 Facepieces with Communications Bracket 50 - Scott Epic Voice Amplifiers 50 - Scott Carbon Fiber Cylinders (Duration to be determined) UNITS WILL NOT COME WITH BUDDY BREATHING SYSTEM OF ANY SORT NOR WILL THEY COME WITH EXTENDED DURATION HOSE LINES OF ANY SORT, ALTHOUGH THEY WILL HAVE THE CAPABILITY OF BEING UPGRADED TO THESE ITEMS

RESPONSE: All information above is correct. The only exception is providing a bid with and without the communications bracket and Epic Voice Amplifiers.

QUESTION: On item #2 do you want voice amp clamps to be installed on your spare facepieces? Do you want epic voice amps to be provided with spare facepieces?

RESPONSE: Please provide a bid with and without the voice amp clamps and epic voice amps.

QUESTION: On item #3 do you want 30, 45, or 60 minute cylinders for your spare cylinders?

RESPONSE: 45

QUESTION: Bidder cannot be an out-of-state distributor, since on-site visits are mandatory for fit testing?

RESPONSE: It is the bidder's responsibility to meet all requirements within the specifications whether in-state or out-of-state.

QUESTION: Can one bid a different brand, such as Sperian or 3M, or would all existing components prevent the county from purchasing an alternative brands due to the economical reasons?

RESPONSE: "Scott" is the only acceptable brand.

The following items are hereby made a part of these bid specifications and pricing criteria. The award of this bid will be made to the one bidder meeting the specifications for all items requested under this solicitation. Unless clearly shown as "no substitute" or words to that effect, any items in this invitation to Bid which have been identified, described or referenced by a brand name or trade name are for reference only. Such identification is intended to be descriptive but not restrictive, and is to indicate the general quality and characteristics of products that may be offered. Each item Bid must be individually identified as to whether it is a specified item or an equivalent item by typing or printing after the item(s): The brand name; model or manufacturer's number, or identification regularly used in the trade. Deviations from the specifications must be clearly and fully listed on the Bid sheet, including photographs or cuts, specifications, and dimensions of the proposed "alternate". Fulton County is the sole judge of "exact Equivalent: or "alternate". The factors to be considered are function, design, materials, construction, workmanship, workmanship finishes, operating features, overall quality, local services facilities, warranty terms and service and other relevant features of item(s) Bid.

STRUCTURAL FIREFIGHTING GLOVES

STYLE

Shelby FDP Gauntlet

OUTER SHELL

Heavy Weight, Fire Retardant, Heat Resistant, 3.25 to 4.0 oz., Shelby Abrasion Resistant, Multidirectional Fiber Structure, Brushed Pigskin.

THERMAL LINER

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

PROTECTIVE BARRIER

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

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, heat resistant brushed pigskin Hanger Loop

LABEL

- A. 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, 2007 Edition).
- B. 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.
- C. Label to be sewn to inside of glove.

STANDARD

- A. Glove is constructed, tested and labeled in accordance with the NFPA Standard on Protective Ensemble for Structural Fire Fighting, NFPA 1971-2007 Edition.
- B. The glove is certified by the Safety Equipment Institute (SEI)

SIZES

XXS, XS, S, M, L, XL, Jumbo

DESIGN & CONSTRUCTION

- A. Glove shall be a gunn cut pattern with wing thumb and wrap around index finger.
- B. 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.
- C. All seams are sealed with a DuPont □ silicone sealant, which ensures that liquids do not come in contact with the hand or hand area.
- D. 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.

E. The glove body shall extend 2” above the wrist crease & shall have a shirred elastic snugger at the wrist.

NO EXCEPTION

SIZE: EXTRA SMALL (XS)

QTY.	PRICE	MANUFACTURER ITEM #
(1) 1-20:	\$ _____	_____
(2) 21-40:	\$ _____	_____
(3) 41-100:	\$ _____	_____
(4) 100+:	\$ _____	_____

SIZE: SMALL (S)

QTY.	PRICE	MANUFACTURER ITEM #
(5) 1-20:	\$ _____	_____
(6) 21-40:	\$ _____	_____
(7) 41-100:	\$ _____	_____
(8) 100+:	\$ _____	_____

SIZE: MEDIUM (M)

QTY.	PRICE	MANUFACTURER ITEM #
(9) 1-20:	\$ _____	_____
(10) 21-40:	\$ _____	_____
(11) 41-100:	\$ _____	_____
(12) 100+:	\$ _____	_____

SIZE: LARGE (L)

QTY.	PRICE	MANUFACTURER ITEM #
(13) 1-20:	\$ _____	_____
(14) 21-40:	\$ _____	_____
(15) 41-100:	\$ _____	_____
(16) 100+:	\$ _____	_____

SIZE: EXTRA LARGE (XL)

QTY.	PRICE	MANUFACTURER ITEM #
(17) 1-20:	\$ _____	_____
(18) 21-40:	\$ _____	_____
(19) 41-100:	\$ _____	_____
(20) 100+:	\$ _____	_____

SIZE: EXTRA-EXTRA LARGE (2X)

QTY.	PRICE	MANUFACTURER ITEM #
(21) 1-20:	\$ _____	_____
(22) 21-40:	\$ _____	_____
(23) 41-100:	\$ _____	_____
(24) 100+:	\$ _____	_____

SIZE: EXTRA-EXTRA-EXTRA LARGE (3X)

QTY.	PRICE	MANUFACTURER ITEM #
(25) 1-20:	\$ _____	_____
(26) 21-40:	\$ _____	_____
(27) 41-100:	\$ _____	_____
(28) 100+:	\$ _____	_____

FIREFIGHTER HELMETS

The purpose of the helmet is to provide thermal, impact, and eye protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as non-fire related rescue operations, emergency medical operations, and victim extrication.

CERTIFICATIONS AND STANDARDS

- A. All helmets produced shall meet or exceed the criteria set forth in the current edition of NFPA 1971 STANDARD ON PROTECTIVE ENSEMBLES FOR STRUCTURAL FIRE FIGHTING AND PROXIMITY FIRE FIGHTING 2007 EDITION, NFPA 1851 SELECTION, CARE AND MAINTENANCE OF STRUCTURAL FIRE FIGHTING PROTECTIVE ENSEMBLES, NFPA 1500 FIRE DEPARTMENT OCCUPATIONAL SAFETY AND HEALTH PROGRAM, and/or the requirements of CAL-OSHA.
- B. All components used in the construction of garments shall be third party tested, certified, and listed for compliance to NFPA 1971. The label of the third party tester shall denote certification. Copies of the certification shall accompany bid proposal upon request.
- C. The manufacturer shall be registered to ISO 9001 Quality System to assure meeting or exceeding satisfactory levels of quality.

NO EXCEPTION

HELMET ASSEMBLY

- A. The helmet shall be assembled with the safety, comfort, and protection of the firefighter in mind. For the purpose of reducing neck fatigue and/or strain, the weight of the helmet shall be equal to or less than 53 ounces when weighed

without eye protection and I.D. front. All other specified required components, accessories, and attachments must be in place for weight comparison.

- B. The helmet shall have a liner consisting of an advanced light-weight thermoplastic and a 1/4" layer of K-flex material for enhanced thermal protection in the event of extreme heat situations.
- C. The use of expandable foam impact caps are to meet NFPA requirements for thermal, impact, and penetration resistance that a shell alone can not meet. This adds unnecessary weight to the helmet increasing neck fatigue/strain. Separable Foam impact caps leave the firefighter at risk of severe injury should it become exposed during a fall or impact. The use of a foam impact cap shall not be accepted.

_____ COMPLIANT _____ EXCEPTION

SHELL

- A. The helmet shell shall be constructed with a high quality fiberglass composite, hand layered for even distribution of glass fibers to ensure adequate coverage and protection. The shell shall be molded with a low pressure, low heat molding process that enables the fiberglass composite and the resin to bond together without introducing brittleness or stress to the product. Sheet molded compound processed shells shall not be accepted due to the random nature of glass, higher resin content, and softening effect when exposed to high heat.
- B. The shell shall be through color molded to extend the wearlife of the helmet. For the purpose of maintenance and appearance purposes, painted/coated shells shall not be accepted. Shell color shall be black, red, white.
- C. The shell design shall be traditional in shape measuring 15.25" from front to back, 12" from side to side. The design includes a protective side brim with an upward angle for channeling water. The brim measurements shall be a minimum width of 1.25" on each side and front with a minimum of 2.75" at the rear. The design shall require the dome to be kept low for better balance, and a lower center of gravity resulting in a reduction of neck fatigue. The dome shall be no more than 6" in height when measured from the top surface of the helmet brim.
- D. Edge trim welting shall consist of a self-locking, fire resistant material for ease of inspection or replacement in the field. The welt shall be black in color when assembled to black and red, and white in color on white shells. Adhesives or glue shall not be accepted.

_____ COMPLIANT _____ EXCEPTION

SUSPENSION SYSTEM

- A. The suspension system shall have an adjustable six-point assembly designed to maintain the proper clearance between the wearer's head and the dome of the helmet. The entire suspension and headband assembly shall have easy removal, repair, and replacement capabilities by trained department personnel in the field.

The ease of suspension and headband adjustment shall enable each individual fire fighter to tailor the ride and balance of the helmet to their specific needs for comfort and performance.

- B. The suspension shall consist of nylon webbing strategically positioned and sewn at six points on the heat resistant thermoplastic suspension ring, allowing optimum performance and fit.
- C. The suspension shall have the Paul Conway patented center of gravity feature including a foam crown pad that adjusts for specialized fit.
- D. The headband assembly shall be rear ratchet style and adjustable to fit head sizes from extra small (5.5) to extra large (9.5). The headband shall be equipped with a center of gravity adjustment strap as well as four (4) tabs with three (3) height adjustments for maximum balance, fit, and interface with SCBA masks. The ratchet assembly shall be designed to ensure the ratchet sets below the occipital lobe to cradle the head and eliminate gaps between head and headband causing pressure points, premature exhaustion, or helmet fluctuation. The ratchet assembly shall be capable of fore and aft adjustment and replacement by trained department personnel. All headband components contacting the head of the fire fighter including front, sides, and ratchet band shall be padded and lined for increased comfort and headband durability.

NO EXCEPTION

EYE PROTECTION

- A. For NFPA compliance, the helmet assembly shall have a goggle system attached. All eye protection mounting hardware shall be solid brass, stainless steel, anodized aluminum, high temp glass reinforced thermoplastic, or a combination of these. Non-NFPA compliant flipdowns shall be included.
- B. ESS goggles shall consist of a heat and flame-resistant polycarbonate with large perimeter ventilation areas. The ventilation areas shall be covered with a high heat resistant and flame retardant urethane foam. The frames shall be designed for wear over most prescription eyewear. The lens shall be a high temp polycarbonate hard coated for scratch resistance inside and out. The lens shall be free of waves, ripples, and distortions for visibility and anti-fog coated inside and out. The mounting system shall be an under brim thermoplastic attachment secured through the brim of the helmet. The strap shall be a two-strap attachment system with metal grommets for quick snapping on/off mounting posts.
- C. NFPA non-compliant flip downs shall be mounted through the front brim of the helmet with brass screws and nuts for ease of replacement or repair in the field. The lenses shall be quality polycarbonate material.

_____COMPLIANT _____EXCEPTION

CHINSTRAP ASSEMBLY

- A. The chinstrap assembly shall be provided with a postman's slide adjustment buckle. The strap assembly shall be provided with a t buckle that will allow separation of the strap assembly for easier donning over a breathing apparatus

- face piece and quick release. These buckles shall mount into the strap so that no material comes in contact with the firefighter's face.
- B. The chinstrap shall include fire retardant hook and loop fasteners to store the loose end of the adjustment strap for added safety and better fit.
 - C. The chinstrap assembly shall mount into the helmet shell assembly for ease of removal during repair or replacement by trained department personnel. Use of rivets for shell mounting the assembly shall not be acceptable.
 - D. The chinstrap shall be constructed of flame resistant woven Nomex® for increased comfort of the firefighter.

_____ COMPLIANT _____ EXCEPTION

EAR AND NECK PROTECTION

- A. An ear and neck protective system shall be assembled to the helmet in accordance with the NFPA 1971-2007 standard.
- B. Earflaps shall be constructed of 7.5 oz black Nomex® material sewn to two layers of heavyweight FR flannel. This assembly shall provide thermal protection for a distance not less than 6.5” when measured from the center underside of the brim to the hem of the assembly.
- C. The earflaps shall be completely removable without complete disassembly of the helmet for ease of cleaning, decontamination, and replacement in the field. This assembly shall completely cover the ratchet adjustment mechanism during use.
- D. For maintenance and appearance purposes, lighter color materials shall not be acceptable.

_____ YES _____ NO

D-RING AND BRACKET

- A. D-ring hanger and bracket, composed of gold anodized aluminum, shall be attached to the rear brim of the helmet shell with a machine screw, lock washer, and acorn nut for ease of repair or replacement in the field.
- B. The D-ring shall be a minimum of 1.25” long x 1.5” wide. The use of rivets to attach this d-ring and bracket shall not be acceptable.

_____ COMPLIANT _____ EXCEPTION

LEATHER FRONT MOUNTING HARDWARE

- A. The helmet shall be provided with a carved style brass eagle for the upper portion of the leather front holder. The hollow design reduces helmet weight and serves as a first line shock absorber during an impact. The upper portion of the front holder shall be attached to the front rib of the shell with two (2)-threaded rods and four (4) acorn nuts that permit field replacement or repair. The use of rivets for attachment shall not be acceptable.

- B. The helmet shall be provided with a glass reinforced thermoplastic bracket for the lower portion of the front holder. Two (2) screws shall be inserted into the slots on the rear of the bracket and pulled into the recess and held with retainer washers to maintain stability for front attachment. The lower portion of the front holder shall be attached to the lower front crown of the shell by two (2) blind rivets. The use of bolts, screws, or other fasteners that may contact the firefighter's head shall not be acceptable.

_____COMPLIANT _____EXCEPTION

REFLECTIVE TRIM AND INFORMATION

- A. The helmet shall have eight (8) tetrahedrons of reflective trim, measuring 2" in height and 2" at the base, positioned approximately .75" above the base rib of the dome. This trim is in accordance with the NFPA 1971-2007 standard.
- B. The helmet shall have 3M Scotchlite™ as standard trim with Reflexite® as an available option.
- C. NFPA required information and maintenance booklet shall be stored inside the helmet dome of every helmet assembly for visibility to the firefighter and must be detached before the helmet is worn.

_____COMPLIANT _____EXCEPTION

FITTING AND ADJUSTMENTS

- A. Training on the donning, doffing, fit and adjustment of the specified helmet will be provided at no additional charge. This training will be done at a location and time provided by the department.

NO EXCEPTION

2. SHIELDS FOR CHIEF OFFICER

- A. The shield shall be an American Heritage Passport design w/o Passport.
- B. There shall be two arched banners at the top of the shield. Below arched banners shall be either bugle decal or two digits as specified.
- C. There shall be one banner below reading "FULTON".
- D. Brass backer/stiffner bracket shall be installed. All holes shall be drilled for specified helmet.
- E. Colors shall be provided as specified at time of order.

_____COMPLIANT _____EXCEPTION

3. SHIELDS FOR LINE PERSONNEL

- A. The shield shall be an American Heritage Passport design w/ Passport. The Passport shall read a two (2) digit set in number.
- B. There shall be one arched banner above the Passport reading rank of individual.
- C. There shall be one banner below the Passport reading "FULTON".
- D. Brass backer/stiffner bracket shall be installed. All holes shall be drilled for specified helmet.
- E. Colors shall be provided as specified at time of order.

_____ COMPLIANT _____ EXCEPTION

4. HOOD

DESCRIPTION

A. FLAME RESISTANT FIRE FIGHTING KING COBRA HOOD FABRIC

- A. Both outer shell and lining are a blend of Carbon/High Strength Aramid approximately 6.5oz sq yd.
- B. 1 x 1 rib knit fabric - knit to allow approx. 200% stretch for maximum stretch and recovery.
- C. Calendared to minimize laundry shrinkage.

STITCH TYPES AND SEAMS

- A. All stitching conforms to federal Standard 751 Specifications (FED-STD-751).
- B. Major seams are flat seams assembled, stitch type 607.
- C. Elastic in face opening is serged in with stitch type 503 and reinforced with bottom cover-stitch, stitch type 406.
- D. Bound bottom is cover-stitched with 406 stitch type.

THREAD:

- A. All seams are sewn with 100% Nomex thread size 45/3.

CONSTRUCTION

- A. Composed of two layers throughout.
- B. Seamed from top of face opening to bottom back.
- C. Face opening is circular in shape and serged with x-heavy duty ½" wide elastic around the perimeter. The elastic is then folded back ½" and cover stitched. The face opening stretches a full 16" (which is 25% more than conventional hoods) for easy donning and a snug fit around face of SCBA mask. Face opening maintains original shape after repeated launderings.
- D. The bottom edge of hood is bound with self-material bias binding.
- E. Shoulders are contoured on each side allowing the hood to lie flat on the chest and back for maximum coverage.

FINISHED HOOD MEASUREMENTS

- A. Face opening is circular and measures between 4.6" to 5.6" in diameter.
- B. Length of hood below face opening approx. 10½".
- C. Length of hood at side from top to bottom approx. 14½".
- D. Length of hood at front and back from top to bottom approx. 18¼".

SIZE

One size hood fits all

LABELING AND USER INFORMATION

- A. Each hood is clearly labeled to identify material contents, NFPA acceptance, UL Classification, Date of Manufacture, Warning Statement and Care Instructions.
- B. Included with each hood is a complete user's information guide.

MEETS OR EXCEEDS INDUSTRY STANDARDS

- A. UL classified to meet or exceed NFPA 1971-2007 Edition; Compliant with CAL-OSHA, Sections 3406 and 3410(d) and OSHA Rule 29 CFR, Part 1910, 269.
- B. Compliant with NFPA 70E 2004 Edition and meets performance specifications of ASTM-F-1506. ARC Rating: 23.3 – Hazard / Risk Category – 2.

4. PRICING SHEET:

- 1. Firefighter helmet w/ESS goggles; various colors (black, red, white).

\$ _____/each

Manufacturer Name: _____

- 2. Shields/Chief Officer.

\$ _____/each

Manufacturer Name: _____

- 3. Shields/Line Personnel.

\$ _____/each

Manufacturer Name: _____

- 4. Hoods

\$ _____/each

Manufacturer Name: _____

FIREFIGHTER BOOTS

STYLE

Fire Hunter Xtreme 14" black bunker boot.

DESCRIPTION

Waterproof (to 10.5 inches measured from top of the insole), full leather, profiled rubber toe cap, large boot straps on both sides, shin protection, boot with non-slip, shock absorbing rubber outsole and machine washable insole.

MATERIALS

- A. Upper Hydrophobic, full grain cowhide, breathable, color black.
- B. Approx. 0.1 - 0.08 inches (2.5 – 2.7 mm) thick.
- C. Tested to be hydrophobic for a minimum of 120 minutes (dynamic test in the Penetrometer).
- D. Free of PCP, AZO and Chromium-VI.

SHAFT CLOSURE (casing & top band)

- A. Hydrophobic casing leather, breathable, color black. Approx. 0.04 – 0.05 inches (1.1 - 1.3 mm) thick...
- B. Tested to be hydrophobic for a minimum of 120 minutes (dynamic test in the Penetrometer).
- C. Free of PCP, AZO and ChromeVI.
- D. The casing is approx. 1.5 inch (40 mm) high.

HEEL BEND

Black edging leather, minimum 0.04 – 0.05 inches (1.0 - 1.2 mm) thick.

SHIN PROTECTION

Memory foam between shaft and lining, 0.31 inches (8 mm) thick.

PULL-ON LOOP

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

PADDING

Soft, reticulated foam.

LINING

- A. 4 layer waterproof laminate with permanently welded seams, abrasion resistance, and nonwoven.
- B. 1st layer Thermobonded nonwoven.
- C. 2nd layer Bicomponent membrane based on ePTFE or at least similar.
- D. 3rd layer Functional nonwoven.
- E. 4th layer Backing fabric: knit monofilament.

INSIDE BACK STRAP

A highly abrasion resistant non-woven material.

THREAD

NOMEX® threads, with a minimum thickness of 30/3, water repellent, color yellow.

FOOT BED

Moisture-absorbing insole with steel joint and ankle support made from Texon T93 (fleece), 0.1 inch (2.5 mm) thick.

LADDER SHANK

Thickness \geq 1.4 mm, stainless, 3 ruffles, deflection at 400 lb (182 kg) acc. NFPA 1971-2007 not more than 1/4 inch (6 mm)

INSOLE

Anatomically formed, nonwoven, abrasion resistant, wicks moisture away from foot, machine washable at 86 °F.

HEEL COUNTER

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

OUTSOLE

Oil and fuel resistant, non-slip and non-chalky rubber shell sole, contains PU damping wedge with reinforcing metal insert, self cleaning.

OUTSOLE (Technical Information)

- A. Toe spring of approx. 0.38 inches (10 mm) and a heel spring of approx. 0.5 inches (12 mm) ensure a natural stride.
- B. Shore hardness rubber outsole Shore A 65° at 73.4 °F (tolerance \pm 3).
- C. Main tread depth minimum 0.24 inches (5.5 mm); round tread groove base.
- D. Angular edging or the tread stake at the sole margin for high lateral stability.
- E. Light ladder heel treading in the joint area.
- F. Highly heat resistant connection of the rubber sole with the PU wedge and the upper.

STEEL MID SOLE (Technical Information)

- A. Thickness \geq 0.5 mm
- B. stainless
- C. Puncture resistance acc. NFPA 1971-2007 $>$ 1212 N (272 lbf)
- D. Flex cracking resistance
 - acc. NFPA 1971-2007 $>$ 1,000,000 Flexes
 - acc. CAN/CSA-Z195-02 $>$ 1,500,000 Flexes

INSTEP FLEX (Technical Information)

- A. System offering a very good heel adaptation of the boot to different instep heights and widths.
- B. With elastic insert which stretches when stepping into the boot and therefore enables the foot to get in.
- C. This elastic insert encompasses the foot tightly in the instep area and pushes it against the rear cap.
- D. 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 (Technical Information)

- A. Guarantees a smooth movement when kneeling, bending, and operating a machine.
- B. With padded leather as instep and heel bend.
- C. With an equivalent puncture proof analogical to the rest of the upper in the

instep area.

PULL-ON LOOPS (Technical Information)

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

REFLECTIVE STRIP

- A. With an at least 20 mm wide reflection strip at the outside.
- B. From the upper edge of the outer counter to the middle seam of the boot tube.

TOE PROTECTION CAP

Steel toe cap according to ASTM F2413-05.

RUBBER TOE CAP

- A. The boot is equipped with a profiled rubber toe cap which is fixed with a seam at the end.
- B. The seam is in a furrow which protects it from scrubbing.

INSOLE

Surface layer material must withstand a minimum of 25,600 scrubbing cycles without scrubbing through.

CLIMATE SYSTEM

- A. Permits air circulation with every step.
- B. At the upper leg height ending, there are at least 18 ventilation holes.
- C. Inner lining glued to upper only periodically to prevent detachment and allow full breathability of the leather.

LABEL

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

CARE INSTRUCTIONS

A booklet containing product details, antistatic information, and care instructions will be included with each pair of shoes.

NO EXCEPTION

5. PRICING SHEET:

SIZE: 5 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(1) 1 – 25:	_____	_____

SIZE: 5-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(2) 1 – 25:	\$ _____	_____

SIZE: 6 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(3) 1 – 25:	\$ _____	_____

SIZE: 6-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(4) 1 – 25:	\$ _____	_____

SIZE: 7 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(5) 1 – 25:	\$ _____	_____

SIZE: 7-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(6) 1 – 25:	\$ _____	_____

SIZE: 8 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(7) 1-25:	\$ _____	_____

SIZE: 8-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(8) 1-25:	\$ _____	_____

SIZE: 9 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(9) 1-25:	\$ _____	_____

SIZE: 9-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(10) 1-25:	\$ _____	_____

SIZE: 10 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(11) 1-25:	\$ _____	_____

SIZE: 10-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(12) 1-25:	\$ _____	_____

SIZE: 11 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(13) 1-25:	\$ _____	_____

SIZE: 11-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(14) 1-25:	\$ _____	_____

SIZE: 12 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(15) 1-25:	\$ _____	_____

SIZE: 12-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(16) 1-25:	\$ _____	_____

SIZE: 13 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(17) 1-25:	\$ _____	_____

SIZE: 13-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(18) 1-25:	\$ _____	_____

SIZE: 14 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(19) 1-25:	\$ _____	_____

SIZE: 14-1/2 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(20) 1-25:	\$ _____	_____

SIZE: 15 – MEDIUM, WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(21) 1-25:	\$ _____	_____

SIZE: 5 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(22) 1-25:	\$ _____	_____

SIZE: 5-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(23) 1-25:	\$ _____	_____

SIZE: 6 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(24) 1-25:	\$ _____	_____

SIZE: 6-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(25) 1-25:	\$ _____	_____

SIZE: 7 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(26) 1-25:	\$ _____	_____

SIZE: 7-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(27) 1-25:	\$ _____	_____

SIZE: 8 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(28) 1-25:	\$ _____	_____

SIZE: 8-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(29) 1-25:	\$ _____	_____

SIZE: 9 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(30) 1-25:	\$ _____	_____

SIZE: 9-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(31) 1-25:	\$ _____	_____

SIZE: 10 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(32) 1-25:	\$ _____	_____

SIZE: 10-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(33) 1-25:	\$ _____	_____

SIZE: 11 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(34) 1-25:	\$ _____	_____

SIZE: 11-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(35) 1-25:	\$ _____	_____

SIZE: 12 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(36) 1-25:	\$ _____	_____

SIZE: 12-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(37) 1-25:	\$ _____	_____

SIZE: 13 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(38) 1-25:	\$ _____	_____

SIZE: 13-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(39) 1-25:	\$ _____	_____

SIZE: 14 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(40) 1-25:	\$ _____	_____

SIZE: 14-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(41) 1-25:	\$ _____	_____

SIZE: 15 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(42) 1-25:	\$ _____	_____

SIZE: 15-1/2 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(43) 1-25:	\$ _____	_____

SIZE: 16 EXTRA-WIDE

QTY.	PRICE	MANUFACTURER ITEM #
(44) 1-25:	\$ _____	_____

ACKNOWLEDGEMENT OF ADDENDUM NO. 2

The undersigned proposer acknowledges receipt of this addendum by returning one (1) copy of this form with the proposal package to the Purchasing Department, Fulton County Public Safety Building, 130 Peachtree Street, Suite 1168, Atlanta, Georgia 30303 by the RFP due date and time **December 3, 2008, 11:00 A.M.**

This is to acknowledge receipt of Addendum No. 2, _____ day of _____, 2008.

Legal Name of Bidder

Signature of Authorized Representative

Title