

**PROCUREMENT DEPARTMENT**  
Rm 120 Municipal Services Building  
Philadelphia, PA 19102-1685  
FAX: (215) 686-4716

# CITY OF PHILADELPHIA

Hugh Ortman  
Procurement Commissioner

April 28, 2008

**BID NUMBER:** S9YN2520  
**TITLE:** Protective Gloves for Structural Firefighters  
**DEPARTMENT:** FIRE  
**DATE TO OPEN:** May 14, 2008 at 10:30 AM

## ADDENDUM # 1

### **TO ALL BIDDERS:**

**You are hereby notified of the following changes to the above mentioned bid:**

Delete Procurement Department Specification 7-G-3b:08 attached to Bid # S9YN2520 in its entirety and **replace** with the attached version of Procurement Department Specification 7-G-3b:08.

Please sign, date and return this addendum with your bid to the Procurement Department, 1401 J.F.K Boulevard, Bid Room 170A, Philadelphia, PA 19102-1685 as it now becomes a part of the proposal.

\_\_\_\_\_  
Buyer, D. Isaac

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
FIRM NAME (PRINT)

\_\_\_\_\_  
DATE

DI/mw

Attachment

**CITY OF PHILADELPHIA  
PROCUREMENT DEPARTMENT  
STANDARDS DIVISION**

**No. 7-G-3b:08  
Effective Date: July, 2008  
Supercedes 7-G-3a:04**

***SPECIFICATION***



**PHILADELPHIA FIRE DEPARTMENT**

**SPECIFICATIONS FOR PROTECTIVE GLOVES FOR STRUCTURAL  
FIREFIGHTING**

**1. GENERAL**

**1.1 PURPOSE AND SCOPE**

These specifications are intended to define the minimum requirements for protective gloves to be worn by members of the Philadelphia Fire Department for structural firefighting. These specifications are designed to meet and/or exceed all relevant provisions and requirements of NFPA 1971- Standard on Protective Ensemble for Structural Firefighting, 2007 edition.

**1.2 CERTIFICATIONS**

The manufacturer of the protective gloves must provide written certification, from an approved independent laboratory, that the gloves being offered will meet and/or exceed all requirements of NFPA 1971, 2007 edition. The manufacturer must also provide a written statement guaranteeing a lifetime warranty against defects in material and workmanship.

**1.3 PATENT CONSIDERATIONS**

The Seller agrees to defend the Buyer (The City of Philadelphia), at the Seller's own expense, in all suits, actions, or proceedings in which the Buyer is made a defendant for actual or alleged infringement of any United States of America, or foreign patent resulting from the Buyer's use of the goods purchased as a result of this invitation to bid. The Seller further agrees to pay and discharge any and all judgements or decrees which may be rendered in any such suit, action, or proceeding against the Buyer. The Seller agrees to indemnify and hold harmless the Buyer from any and all license, royalty, and proprietary fees or costs, including legal costs, which may arise out of the Buyer's purchase and use of goods supplied by the Seller. The Seller expressly agrees that these covenants are irrevocable and perpetual.

## **2. SPECIFICATIONS**

### **2.1 CONSTRUCTION FEATURES**

Glove shall be a gunn cut pattern with wrap around index finger and wing thumb. It shall highly flexible Simplex Kevlar back to provide greater hand flexibility and enhance seam comfort. The combined moisture barrier and thermal liner shall be Crosstech Direct Grip glove insert, which is sewn in at the fingertips and wrist areas. An insular Kevlar/Nomex air-locking spacer shall be applied to the back of the glove to improve thermal protection values at that point. Fingertip backs shall be of exposed retro-reflective 3M Scotchlite™. The glove body shall extend 2” above the wrist crease. The glove shall be a five-finger glove with NO wristlet.

### **2.2 MATERIALS**

1. **Outer Shell:** Glove back of highly flexible dual stretch 10.25 oz. Simplex® 100% Kevlar® with atmospheric open width. Palm is Heavy weight Fire Retardant, Heat Resistant, 3.5 to 4.0 oz., Koala® Tanned Cowhide. This tanned leather will remain soft after repeated soakings.
2. **Thermal Liner:** 8.5 oz. Insular Kevlar/Nomex air Locking Spacer with atmospheric open width. Fabric is vellecular structure with an 18 CPI stitch count. Back of hand only.
3. **Moisture/Protective Barrier:** Crosstech Direct Grip Glove Insert
4. **Finger Tip Backs:** 3M Scotchlite™ Reflective Material in Silver color with Flame Resistant Fabric. Fabric is bonded to expose retro-reflective lenses with backing. RA values are 330 and 250 at Observation Angles of 0.2° and 0.33° respectively.
5. **Thread:** Sewn with high burst Strength Kevlar (30/5) lock stitch, 8-10 stitches per inch.
6. **Hanger Loop:** ¼” x 1 ¼” fire retardant, Split Cowhide, Hanger Loop shall be provided.
7. **Label:** Label shall be Permanently Attached to each glove and certify that the glove meets or exceeds the requirements of the latest NFPA standards (1971, Standard on Protective Ensemble for Structural Fire Fighting, 2007 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 shall be certified by the Safety Equipment Institute (SEI).

8. **Origin:** Glove shall be made in U.S.A.

### 2.3 **SIZING**

There shall be six (6) sizes of glove available in accordance with sizing requirements as delineated in NFPA 1971 Standard on Protective Ensemble for Structural Firefighting, current edition, 2007. The sizes available shall include: XS, S, M, L, XL, XXL (J).

## 3. **GENERAL NOTES**

### 3.1 **PRE-PRODUCTION SAMPLES AND CERTIFICATION**

A pre-production sample of gloves, accompanied by all required certification(s) and specifications, is to be shipped to the Philadelphia Fire Department Safety Office, 5200 Pennypack St., Philadelphia, PA 19136 no later than seven (7) days after the successful bidder receives the award notification.

### 3.2 **FIELD TEST REQUIREMENT**

Any manufacturer wanting to bid must have had their gloves fully evaluated by the Safety Office within the twelve months prior to this bid announcement, or have a 2005, or later, purchase order. This three-phase evaluation must include: a pre-examination of the gloves prior to any field trial; a field trial conducted and controlled by the Safety Office; and a post-trial examination of the gloves by the Safety Office.

### 3.3 **DELIVERY AND PENALTY**

Upon receipt of purchase order, the manufacturer shall confirm in writing to the Safety Office, the date and specifics of such order. All orders shall be delivered between the hours of 0800 and 1600, any weekday (except holidays), to the PFD Warehouse, 115 W. Luzerne St., Philadelphia, PA 19140 (unless otherwise directed by the Safety Office), within thirty (30) days of receipt of order, regardless of quantity. A ten percent (10%) penalty will be deducted from the invoice price on any order received between the thirty-first (31<sup>st</sup>) and forty-fifth (45<sup>th</sup>) day from the day of order placement until delivery is taken. An additional one percent (1%) per day penalty will be deducted from the invoice price for every day after the forty-fifth (45<sup>th</sup>) day from the day of order placement until the acceptance of delivery.

### 3.4 **EXCEPTIONS TO THE SPECIFICATIONS**

If a bidder has any exceptions to these specifications, such exceptions must be stated in writing and describe in detail what is proposed in lieu of the specified requirement. The exception(s) must be referenced to the corresponding paragraph in these specifications. Any exception to these specifications must be explicitly noted in the bid proposal. Failure to do so will be considered sufficient cause to reject the bid offered. All bid exceptions which refer to, or effect, comfort, design, weight, construction, or performance of this specified product, shall be assessed by the Safety Office. Acceptance and/or compliance shall be the sole determination of the Safety Office.

### 3.5 **WARRANTIES, CARE, AND MAINTENANCE INSTRUCTIONS**

All gloves shall carry clear labeling on use warnings, and each pair of gloves shall be shipped with warranty, inspection, and care and maintenance instructions.