



**PURCHASING ITEM
FOR
COUNCIL AGENDA**

1. Agenda Item Number:

23

2. Council Meeting Date:

May 12, 2011

TO: MAYOR & COUNCIL

3. Date Prepared: April 4, 2011

THROUGH: CITY MANAGER

4. Requesting Department: Police

5. SUBJECT: Approve the sole source purchase of multi-threat chemical/biological ensembles from Blauer in the amount of \$58,968.00.

6. RECOMMENDATION: Recommend approval for the sole source purchase of multi-threat chemical/biological ensembles from Blauer in the amount of \$58,968.00.

7. HISTORICAL BACKGROUND/DISCUSSION: The Police Department received a 2010 Urban Areas Security Initiative (UASI) award from the State Homeland Security Grant Program. This award provides funding to ensure the Special Assignment Unit (SAU) is prepared and equipped to respond to large-scale emergencies, terrorist events, and natural or man-made disasters as part of the Phoenix area Rapid Response Team. The 2010 grant award authorizes the police department to purchase 34 Blauer multi-threat chemical/biological ensembles, product number HZ9420FG, to enable the Special Assignment Unit to function in hazardous environments related to CBRNE, terrorist incidents, or natural/man-made disasters. This equipment will support SAU's ability to provide tactical response to large scale disasters, chemical, biological, radiological, and nuclear (CBRNE) events and terrorist incidents. SAU will store and maintain the ensembles and associated SCBA/PPE gear within the SAU armory/tactical response vehicles. The suits will be ordered within 30 days of council approval and must be received by the end of the grant performance cycle, September 30, 2011.

8. EVALUATION PROCESS: Blauer's HZ9420 Multi-Threat suit is the only NFPA 1994 Class 2 certified Chemical/Biological suit available on the market for Law Enforcement CBRN response that protects against chemical warfare agents (CWAs) and toxic industrial chemicals (TICs) at concentrations at or above IDLH when worn with approved SCBA systems and tactical footwear. The HZ9420 Multi-Threat suit is also the only suit available that offers a front zip design that is coupled with sewn on gloves so the wearer has a full range of movement without the use of the rubber band or taping technology. The HZ9420 Multi-Threat suit also comes with a Gear Backpack that allows for Donning and Doffing on a pop out mat for storage, transportation, and decontamination. The suit's certification to NFPA 1994 Class 2 significantly differentiates the ensemble from other HAZMAT suits, which are typically OSHA certified.

The NFPA 1994 standard specifies design requirements and performance requirements for resistance to TICs (Toxic Industrial Chemicals), TIMs (Toxic Industrial Materials), chemical warfare agents, and biological warfare agents. This makes it feasible for incident response teams to purchase a single suit for their "warm zone" and "hot zone" operations. In contrast, OSHA-rated suits are only required to meet specified design elements with no requirements for performance on resistance to any hazardous substances. In this regard, makers of OSHA suits typically market numerous suits made of different protective fabrics for very specific chemical threats. This forces most incident response teams to purchase multiple suits to be prepared for the multiple chemical threats in their area.

The Blauer Multi-Threat is the only ensemble certified as follows: Protective Ensemble (Class 2) for First Responders to Chemical/Biological Terrorism Incidents which is certified as a complete non-encapsulating ensemble with the following elements and is also certified as an NFPA 1992 ensemble: Glove System: Inner Glove: G9492-C2 GORE CHEMPAK® Ultra Barrier inner glove Outer Glove: G9492-OG Outer Glove Footwear: Airboss Industries - Model No.: 4098 Haix Airpower R2 - Model No.: 10749 OnGuard - HazMax® - Model No.: 87012 OnGuard - EZ-FIT - Model No.: 87015 Breathing Systems: MSA Ultra® Elite Face Piece (Model No's.: 7-935-7, 7-935-8, 7-935-9) with FireHawk® M7 Air Mask SCBA (NIOSH Approval No's.: TC-13F-546CBRN, TC-13F-547CBRN, TC-13F-548CBRN, TC-13F-549CBRN, TC-13F-550CBRN) Scott AV3000 Face Piece (Model No's.: 805337-11, 805337-12, 805337-13) with

Scott 2.2, 3.0 and 4.5 AirPak® / AirPak® 75 CBRN SCBA (NIOSH Approval No's.: TC-13F-76CBRN, TC-13F-80CBRN, TC-13F-96CBRN, TC-13F-212CBRN, TC-13F-366CBRN) Draeger Panorama Nova Face Piece (Model No's: R55702, 4052955, R55703) with Draeger AirBoss™ Evolution SCBA (NIOSH Approval No's.: TC-13F-0377CBRN; TC-13F-0378CBRN; TC-13F-0379CBRN; TC-13F-0380CBRN) or Draeger AirBoss™ PSS® 100 Plus and Evolution Plus SCBA (NIOSH Approval No's.: TC- 13F-512CBRN; TC-13F-513CBRN; TC-13F-514CBRN; TC-13F-515CBRN) The Homeland Defender Series - Assault Suit above is considered certified as an ensemble ONLY when the above listed ensemble elements are worn with the above listed garment element.

The Blauer Multi-Threat offers unique evaporative cooling capability allowing for extended duration response, form-fitting design for improved mobility, ability to don without the use of chemical tapes, and ensemble certification with tactical boots instead of the typical vinyl chemical boots used with OSHA ensembles. For added protection, the non-permeable membrane is laminated to a 4.5 ounce NOMEX IIIA outer shell, which provides excellent static dissipative performance and resists melting, dripping, and burning when exposed to high heat and flame. Blauer utilizes a direct-to-agency sales model for the HZ9420 Multi-Threat suit.

In early 2010, Chandler SAU evaluated several multi-threat ensembles. The Blauer ensemble exceeded the team's expectations. The ease of movement, ability to don and doff via the front zipper, integrated gloves, and the no-tape technology allows a single operator to self-don the suit. Since these items are purchased as part of the Phoenix UASI grant, they are considered a regional asset and they can be requested and utilized by other Phoenix area Rapid Response Teams (RRT). Several teams have expressed interest in the Blauer multi-threat ensembles, some have purchased the ensembles. Having a standardized platform allows for seamless transition between teams and improves overall interoperability.

Only equipment listed in the UASI workbook is authorized for purchase through the grant. No substitutions are allowed.

9. FINANCIAL IMPLICATIONS: Funds for this purchase are available through the 2010 UASI RRT/IST grant, account number 217.2210.6419.FA1821.

10. PROPOSED MOTION: Recommend approval for the sole source purchase of multi-threat chemical/biological ensembles from Blauer in the amount of \$58,968.00.

APPROVALS

11. Requesting Department



Dale Walters, Police Commander

12. Department Head



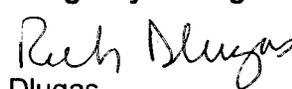
Sherry Kiyler, Police Chief

13. Procurement Officer



Kristy Garcia, CPPB

14. Acting City Manager



Rich Dlugas