



**CTTSO**

Combating Terrorism Technical Support Office

# VIP Protection Subgroup



## Advance Planning Briefing for Industry

### 17 February 2009



# Mission

- Provide security enhancing technology solutions for VIPs and their protection details
- Develop advanced tools, techniques, and guidelines for the prevention and mitigation of terrorist attacks
  - Personnel
  - Vehicles
  - Infrastructure





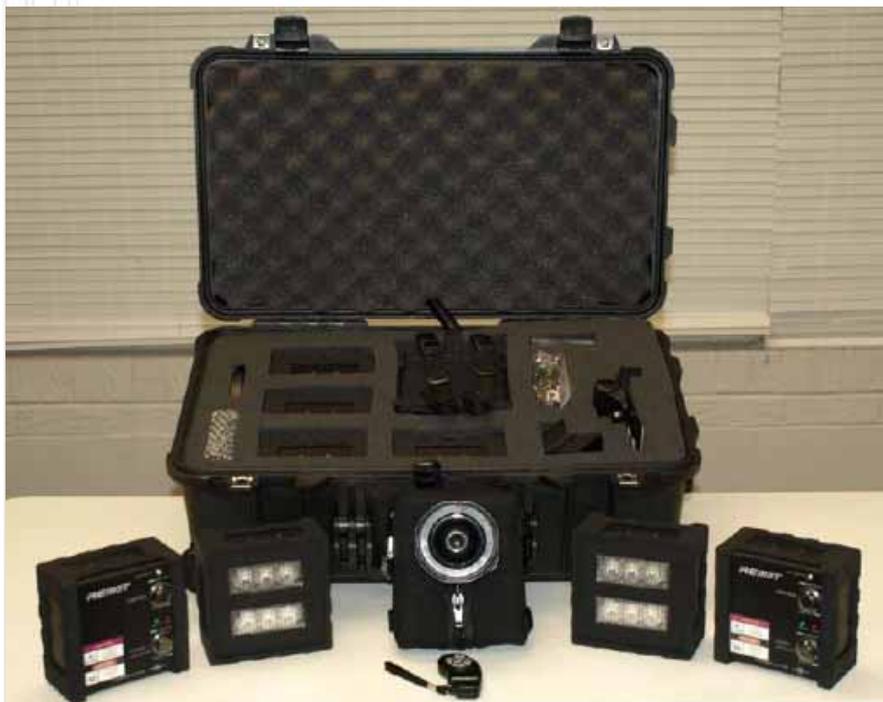
# Subgroup Membership

- **Department of Defense:** USSOCOM, USASSC, ARDEC, PFPA, NCIS, CID
- **Department of Homeland Security:** USSS
- **Department of State**
- **Department of Energy**
- **Department of Commerce:** NIST
- **Department of Justice:** NIJ, USMS
- **Department of Housing and Urban Development**
- **Department of Treasury:** IRS
- **Intelligence Community**
- **United States Supreme Court**



# 2008 Success Stories

## Wireless Emergency Vehicle Kit (WEVK)





# 2008 Success Stories

## Modular Surveillance Toolkit (MST)





# FY 2010 Requirements

- **BAA 09-Q-4554**
  - R2493 Personal Security Vulnerability Assessment (PSVA) Tool
  - R2494 Canine Body Armor
  - R2495 Ballistic Glass Hazard Study
  - R2496 Portable Quiet Room
  - R2497 Indoor Ballistic Wall



# R2493 Personal Security Vulnerability Assessment (PSVA) Tool

- **Product:**

- Standardized guidelines for assessing individual security postures
- Secure web-based application for accessing guidelines and preparing PSVAs

- **Specifications:**

- Windows based operating system
- 128 bit encryption
- Searchable database
- Multiple user access levels



# R2494 Canine Body Armor

- **Product:** Canine armor system for military / law enforcement working dogs
- **Specifications:**
  - NIJ Level III protection
  - Carrier must include functional equipment attachments
  - Weight not to exceed 10% of dog's weight
  - Chest cavity protection at a minimum
  - No movement hindrance



# R2494 Canine Body Armor

- **Specifications continued:**
  - Accommodate a range of different sizes
    - Small (30-50 lbs)
    - Medium (50-70 lbs)
    - Large (70-100 lbs)
  - Include thermal management
  - \$1,500 per unit target cost
  - Must be able to work up to the **SECRET** level



# R2495 Ballistic Glass Hazard Study

- **Product:** Report detailing injury probability resulting from ballistic impact to transparent armor
- **Specifications:**
  - Analyze “lo-spall” and standard transparent armor
  - Specify risk of injury by shard laceration to face, eyes, and other body parts
  - Determine injury probability at varying distances
  - Define injury probability metric



# R2495 Ballistic Glass Hazard Study

- **Specifications continued:**
  - Investigate spall characteristics of different terminal layers
    - Float glass
    - Heat strengthened glass
    - Chemically strengthened glass
  - Optional tasking based on test results:
    - Develop solution to mitigate injury
    - UL Level 8 protection



# R2496 Portable Quiet Room

- **Product:** Portable climate controlled room for indoor use during sensitive discussions
- **Specifications:**
  - Dimensions 11.5'x6.5' interior, 12'x7' exterior
  - Components no more than 30"x72" and 100lbs each
  - Fitted sound proof door
  - 2 person assembly within 2 hours
  - Durable materials for numerous assembly/disassembly cycles
  - Interior must have a professional appearance
  - Materials must meet US fire code regulations



# R2496 Portable Quiet Room

- **Specifications continued:**
  - Packaged in durable transport cases
  - Transport cases must fit a vehicle approximately 14'x7'x7'
  - 120Vac/60Hz electrical system & receptacle
  - Support audio/video communications
  - Fully assembled room shall achieve STC 40 or higher



# R2497 Indoor Ballistic Wall

- **Product:** Portable ballistic resistant wall for indoor use
- **Specifications:**
  - Modular wall assembled in 4'x7' or shorter sections
  - Single section must not weigh more than 150 lbs
  - One person assembly within 15 minutes
  - NIJ Level III protection
  - Include appliqués for NIJ Level IV protection
  - NIJ 0108.01 certification required



# R2497 Indoor Ballistic Wall

- **Specifications continued:**
  - Must accommodate multiple configurations:
    - Standard walls
    - T-shapes
    - 45° angles
  - Blend with typical hotel furniture and décor
  - Packaged in rolling case for ground and air transport



# Contact Information

**BAA Specific Questions:**

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