Vision:
Identify requirements to combat terrorism and provide solutions to warfighters, first responders, and other front-line users as rapidly as possible.

Mission:
Identify and prioritize the needs of the interagency community charged with combating terrorism. Deliver capabilities to those on the front lines through rapid research, development, test, evaluation, and operational support. Incorporate available expertise and experience from government, commercial, private, and academic sources throughout the United States and the world.

Objectives:
• Provide interagency forum to coordinate R&D requirements for combating terrorism
• Sponsor interagency advanced technology development
• Promulgate technology & information transfer
• Influence policy development
• Guide basic and applied research
TSWG Mission

• **Mission:** Conduct the U.S. national interagency research and development program for Combating Terrorism through rapid research, development, and prototyping.

• **Objectives:**
  – Provide interagency forum to coordinate R&D requirements for combating terrorism
  – Sponsor R&D not addressed by individual agencies
  – Promote information transfer
**Department of Defense**
- OASD(SO/LIC)
- OATSD(NCB)CP/CBD
- OUSD(A&T) DDR&E and S&TS/LW
- Armed Forces Institute of Pathology
- Defense Advanced Research Projects Agency
- Defense Computer Forensics Laboratory
- Defense Intelligence Agency
- Defense Threat Reduction Agency
- Joint IED Defeat Task Force
- National Security Agency
- Pentagon Force Protection Agency
- Polygraph Institute
- The Joint Staff
- Unified Commands
- US Special Operations Command
- US Air Force
  - Air Combat Command
  - Air Force Research Lab
  - Electronic Systems Center
  - AFOSI
- US Army
  - 52nd ORD
  - SBCCOM / ECBC
  - Corps of Engineers / ERDC / PMDC
  - Criminal Investigations Command
  - Natick RDE Center
  - 20th Support Command (CBRNE)
  - Training and Doctrine Command
  - National Guard Bureau
- US Navy
  - Naval Criminal Investigative Service
  - Naval Facilities Engineering Service Center
  - Naval Special Warfare
  - NEODTD / DTRG
- US Marine Corps
  - Chemical Biological Incident Response Force
  - Network Operations & Security Command
- **Department of State**
  - Bureau of Diplomatic Security
  - Office of the Coordinator for Counterterrorism
  - Overseas Building Operations
- **Department of Agriculture**
  - Agricultural Research Service
  - Animal and Plant Health Inspection Service
  - Food Safety and Inspection Service
  - Office of the Inspector General
- **Department of Energy**
  - National Nuclear Security Administration
  - Office of Energy Assurance
  - Office of Security
- **Department of Health and Human Services/USPHS**
  - Centers for Disease Control & Prevention
  - Food & Drug Administration
  - National Institute for Occupational Safety and Health
- **Department of Homeland Security**
  - Border and Transportation Security
  - Immigration and Customs Enforcement
  - Office for Domestic Preparedness
  - Emergency Preparedness & Response
  - Transportation Security Agency
  - Science and Technology
  - US Coast Guard
  - US Secret Service
- **Department of Commerce**
  - National Institute of Standards and Technology
  - Office of Law Enforcement Standards
- **Department of Justice**
  - Bureau of Alcohol, Tobacco, Firearms and Explosives
  - Drug Enforcement Administration
  - Federal Bureau of Investigation
  - Federal Bureau of Prisons
  - National Institute of Justice
  - Office of Justice Programs
  - US Marshals Service
- **Department of Transportation**
  - Federal Aviation Administration
  - Federal Railroad Administration
  - Federal Transit Administration
  - National Highway Traffic Safety Administration
  - Volpe National Transportation Systems Center
- **Department of the Treasury**
  - Federal Reserve Board
- **Independent Agencies**
  - Environmental Protection Agency
  - General Services Administration
  - Intelligence Community
  - Interagency Board
  - National Virtual Translation Center
  - Nuclear Regulatory Commission
  - State and Local Agencies
  - Supreme Court of the United States
  - US Capital Police
  - US Postal Inspection Service
  - US Senate Sergeant at Arms
  - US Supreme Court Police
Business Cycle

- **BAA**: February
  - Industry, Academia, and National Labs Submit Quad Charts against BAA

- **Quad Chart Review**: March-April
  - White Papers:
    - Request White Papers

- **Requirements Meetings**: October-December
  - Identify/Prioritize:
    - Draft Requirements
  - BAAs Development:
    - Draft BAAs
    - Publish BAAs

- **White Paper Review**: May-June
  - Review White Papers
  - Develop & Submit Authorization Letter
  - Request Proposals

- **Project Initiation**: Ongoing
  - Task Initiation:
    - Develop Task Plans

- **Full Proposal Review**: July-September
  - Proposals/Task Selections:
    - Review Proposals
27-JAN-2010 2010 APBI Program Book and Presentation Slides

The program book and presentation slides from the 2010 Advanced Planning Briefing for Industry (APBI) are now available in the Reference Materials page under the APBI section.

25-JAN-2010 Personnel Protection BAA Instruction Package

This is the Combating Terrorism Technology Support Office / Technical Support Working Group (TSWG) Broad Agency Announcement (BAA), 10-Q-3338, for the Personnel Protection Subgroup issued under the provisions of paragraph 6.102(d)(2)(i) of the Federal Acquisition Regulation (FAR), to provide for the competitive selection of research white papers followed by proposals. Contracts based on responses to this BAA are considered to be the result of full and open competition and in full compliance with the provisions of Public Law (PL) 98-369, "The Competition in Contracting Act of 1984."

The TSWG Personnel Protection (PP) Subgroup is interested in two (2) advanced technology development efforts. The first effort involves cellular communications and frequency emitters and the second involves small unmanned aerial vehicles and communications technology. Specific details on required performance characteristics and potential mission application for each effort is classified and will be provided at a classified Bidder’s Conference hosted by the TSWG on February 26, 2010. See section 3.1. "Bidders Conference" of the BAA Instruction Package for details.
Technology Readiness Levels

- **TRL 9**: Actual Technology system qualified through successful mission operations.
- **TRL 8**: Actual Technology system completed and qualified through test and demonstration.
- **TRL 7**: Technology systems prototype demonstration in an operational environment.
- **TRL 6**: Technology system/subsystem model or prototype demonstration in a relevant environment.
- **TRL 5**: Technology component and/or basic technology subsystem validation in a relevant environment.
- **TRL 4**: Technology component and/or basic technology subsystem validation in a laboratory environment.
- **TRL 3**: Analytical and experimental critical function and/or characteristic proof-of-concept.
- **TRL 2**: Technology concept and/or application formulated.
- **TRL 1**: Basic principles observed and reported.
Technology Transition

- Objective: Affordable, operationally suitable technology in the hands of our users
- An integral part of TSWG process
  - Begins with the proposal
  - Continues throughout development
  - Requires periodic deliverables
- Prepares for the unexpected
- Planning assistance provided by TSWG/CTTSO
- Accelerates prototype to product cycle
TSWG Project Highlights

HME Precursor Detection Kit

Hardened Trace Explosives Detector

Car Scan – Dual Energy Low Dose X-Ray

Single-Sided X-Ray

Graphical Training Aids
TSWG Project Highlights

- Forward Fighting Positions
- Digital Observation Guard
- Urban Canyon
- Personal Hydration System Water Filter
- Tactical Glove
- FIVAK
TSWG Project Highlights

- X800/X400 Through-Wall Imaging
- Improved Laser/Light Aiming Device
- Vapor Wake Canines
- HSCB – S-CAT Decision aid
CTTSO co-chairs the Domestic Counter-Improvised Explosives Devices (IED) Working Group under the White House National Science and Technology Council Committee on Homeland and National Security.

The working group is conducting a government-wide inventory of R&D efforts to identify responder requirements from CONUS based counter-IED agencies.

The working group will then analyze needs against capabilities and produce a gap analysis for interagency coordination of research, development, test and evaluation to address the technology gaps.


HSPD-19 establishes a national policy and calls for the development of a strategy to prevent, detect, and respond to terrorist’s use of explosives in the United States. The HSPD-19 Implementation Plan mandates the creation of an interagency working group for counter-IED technologies in the science and technology field.
HSPD-22 launches a strategy for focused R&D in chemical PPE to address the utility and availability of PPE for chemical incident response.

The plan recommends objectives to establish a coordinated partnership with standards-setting organizations, industry representatives, and professional organizations that improves the level of protection, utility, and availability of high quality chemical PPE.

The White House approved the plan in January 2009. The implementation plan is under development with the White House Homeland Security Council and has the potential to garner additional focused research and funding in the chemical PPE arena.
Summary

- Forum to Identify, Prioritize, Resolve, and Fund Operational Needs/Requirements
- Driven by Interagency User Elements
- Acquisition / Dual Use / Commercialization
- Fast Track and Flexible Program Forum
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