

U.S. Army Research, Development and Engineering Command Acquisition Center

Mr. Fred Thomas, Acting Executive Director

U.S. Army Research, Development & Engineering Command

Mission: Get the right integrated technologies into the hands of warfighters quicker.



**Strike
(Exploit FCS Netted
Fires)**

What we do:

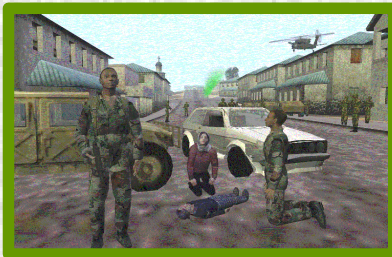
Technology Out of the Laboratories and into the Hands of Warfighters in the Shortest Time
 Direct Support of the Tech Base to Future Combat System (FCS) and Future Force
 Manage Speed and Complexity of Technological Change to Operational Needs
 Systems Engineering, Assessment, and Analysis
 Engineering support to PEOs/PMs, Materiel Management Centers and Current Force
 Identify Foreign Technologies for US Army Use



**Battery Charging
Fuel Cell with Methanol
Steam Reforming Unit**

What we manage:

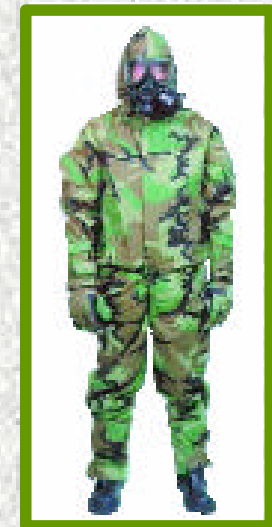
8 Labs and Research, Development, and Engineering Centers (RDECs)
 Army Materiel Systems Analysis Activity (AMSAA)
 Foreign Comparative Testing & Defense Acquisition Challenge Program
 Regional International Technology Centers
 Capability & Technology Integrated Process Teams
 Agile Development Center



**Human Performance &
Embedded Training**



**Objective Force
Warrior**



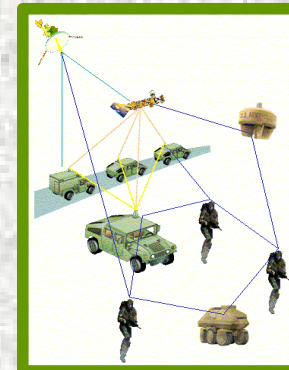
**Protective Mask &
JLIST - Joint Service
Lightweight Integrated Suit
Technology**

The Magnitude:

Over 30K Military, Civilians, and Direct Contractors
 \$3.5 B Annual Budget
 75% of Army Science and Technology Objectives
 All Army Advanced Technology Demonstrations (ATDs)
 6 of 13 Advanced Concept Technology Demonstrations (ACTDs)
 20 Foreign Comparative Testing (FCT) & 7 Defense Acquisition Challenge
 Programs (DACPs) Totaling \$23.8 Million with 13 different Countries



Sensory Enhancement



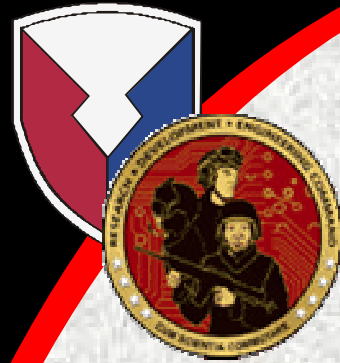
**Collaborative Networked
Situational Understanding**

**RDECOM
Operates
World-wide**

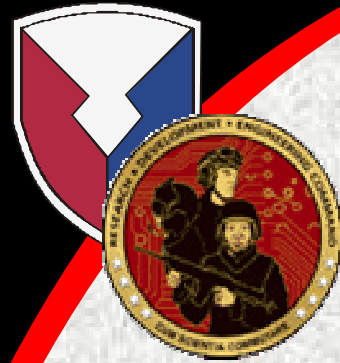
- ★ 110 direct liaisons to the field
- ★ Over 300 International Agreements
- ★ Linkage to Combatant Commanders - FAST Teams
- ★ Engineer and Scientist Exchange Program



Robotics Interface



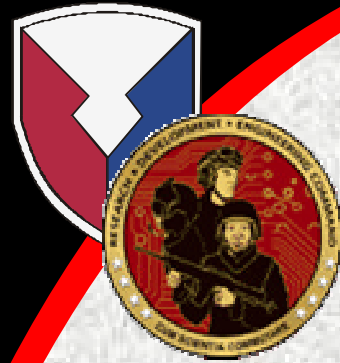
The RDECOM Acquisition Center performs the full range of contract planning, execution and management services for the U. S. Army Research, Development and Engineering Command (RDECOM) and that of the Joint Services for which RDECOM serves as program leader.



Joint Services Chemical Environmental Survivability Mask (JSCESM)

- Lightweight, one size fits all protective mask.
- Respiratory and ocular protection.
- Short duration protection against NBC attacks.

The JSCESM contract ends 16 Nov 2004. Option for additional quantities may be exercised not later than 30 days prior to contract completion date.

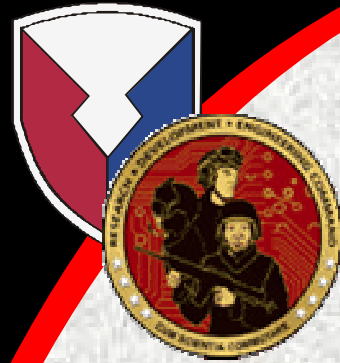


Edgewood Chemical Biological Center Research and Technology (ECBC R&T) Directorate

Edgewood Chemical Biological Center Research and Technology (ECBC R&T) Directorate Task Order Contracts – Provides the ECBC R&T Directorate with research, development, technical management and administrative support for the execution of its assigned programs in basic research and exploratory development.

- Nine ID/IQ Contracts Awarded
- \$500,000,000 maximum ordering amount over a 5 year contract term
- Delivery Orders awarded competitively among 9 contractors when possible
- **Cumulative dollars awarded is over \$70 M**

ALPHA Contracting techniques are used on the R&T Task Order contract to streamline the acquisition process when appropriate.

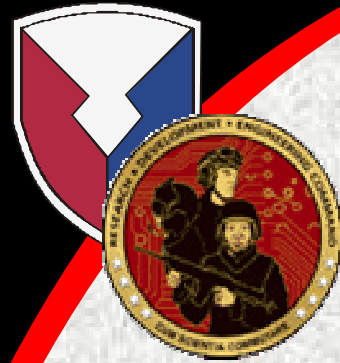


CHEMICAL MATERIALS AGENCY

Program and Integration Support (PAIS) Contracts

- Provides technical and program support services to manage chemical weapons destruction

- PM services in four areas:
 - ✓ Technical
 - ✓ Environmental
 - ✓ Public Outreach
 - ✓ Program Management



Your Best Learning Tool:

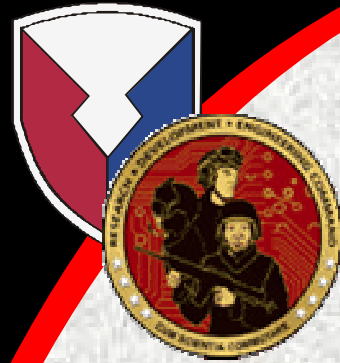
The Debriefing



TO BE SUCCESSFUL IN CHEMICAL BIOLOGICAL DEFENSE PROGRAMS

Technical expertise/knowledge/experience of:

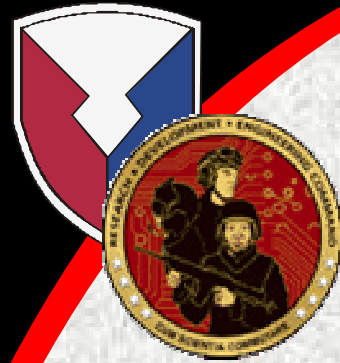
- ✓ Chemical agents and munitions
- ✓ Chemical Weapons Convention (CWC) Treaty
- ✓ Chemical agent/weapons disposal technologies (incineration & alternatives)
- ✓ Chemical stockpile sites
- ✓ Environmental laws and regulations
- ✓ Chemical Surety lab capability
- ✓ Chemical Biological detection devices, equipment, clothing
- ✓ Public interaction/involvement
- ✓ Homeland defense initiatives
- ✓ Chemical/Biological threat



TO BE SUCCESSFUL IN CHEMICAL BIOLOGICAL DEFENSE PROGRAMS

Technical expertise/knowledge/experience of: (continued)

- ✓ Teaming/Partnering when outside your capability
- ✓ Cost/pricing competitive
- ✓ Marketing capabilities for subcontracting possibilities
- ✓ Best value alternatives
- ✓ Commercial items with potential Chemical/Biological application
- ✓ Appropriate mix of skills
- ✓ Responsive Management Team



TO BE SUCCESSFUL IN CHEMICAL BIOLOGICAL DEFENSE PROGRAMS

Technical expertise/knowledge/experience of: (continued)

- ✓ Knowledge of “How to Prepare Proposals”
 - a. Contracting team with experience in development cost and technical proposals
 - b. Administrative skills to responding to solicitations, especially sections L and M (Competitive Evaluation Plan)
- ✓ Be aware of all business opportunities that are out there via <https://www.fedbizopps.gov/> and <https://www.abop.monmouth.army.mil/>
- ✓ Manufacturing Quality Assurance Staff
- ✓ Take advantage of commercial classes available on Proposal Preparation