

Industry Day 2013

Integrity - Service - Excellence



Readiness Directorate

Col Mike Mendoza
Director



Readiness Directorate Mission

- **Mission statement: *Provide readiness support to the civil engineer community through technical information and standardized methodology, enabling civil engineers worldwide to execute their expeditionary combat support and emergency services missions safely, effectively and efficiently.***

- **Areas of Responsibilities**
 - **Enabler of OT&E**
 - **Standards, guidance, TTPs, publications**
 - **Functional, Home Station, Contingency Training Support**
 - **Equipment Management/Sustainment**
 - **Functional SMEs**
 - **RD&A**
 - **AFCAP**



Readiness Capabilities: Expeditionary Engineering

- **Develops/maintains CE total force posturing requirements and aligns with National Military Strategy (Blue Suit Review)**
- **SME for AF & Joint Prime BEEF & RED HORSE expeditionary issues**
- **Prime BEEF and REDHORSE Manpower, Equipment, and Force Packaging (MEFPAK)**
- **BEAR Modernization & Joint Concept Technology initiatives**
- **Contingency Training Program Manager and Scheduler**
- **Publications Management**
- **Readiness Operations Center and Unit Deployment Manager**
- **Consolidated customer support/Reach Back Center for AFCEC**



Readiness Capabilities: Explosive Ordnance Disposal

- **Enlisted Career Field Management**
- **EOD Subject Matter Expertise**
- **EOD Equipment Management/Asset Visibility/Asset Reconstitution**
- **Munitions Management & Trends Analysis**
- **EOD Modernization & Joint Concept Technology initiatives**
- **Functional Training/Contingency Training PM**
- **Advanced Training & VIPPSA Coordination**
- **Publications Management**
- **EOD Information Management System – EODIMS**



Readiness Capabilities: Emergency Management

- **Enlisted Career Field Management.** Provides career field direction, resolves technical issues, and provides input to manpower, training, and career field future
- **SME for AF and Joint EM and C-CBRN matters**
- **Leads EM and C-CBRN pgm in guidance, planning, training, and exercise development.** Supports doctrine/policy development
- **Resource advisor for Nuclear, Biological and Chemical (NBC) and Weapons of Mass Destruction (WMD) Program budget**
- **Supports EM UTC modernization and sustainment capability through analysis, acquisition and distribution of equipment**
- **Provide technical expertise on equipment sustainment and management of chemical warfare defense equipment (CWDE)**



Readiness Capabilities: Fire Emergency Services (FES)

- **Provides career field management for 9,205 AF firefighters**
- **Manages AF Fire Vehicle Fleet—1850 Vehicles, \$750M value**
- **Manages FES Certification Program for DoD; course development, DoD Fire Academy, training products**
- **Centrally procures SCBA, Compressors, Hose Test Pumps; working on PPE with Enterprise Sourcing Group**
- **Develops FES Policy Guidance for HAF**
- **Analyzes & Reports Significant Fire Incidents to Senior Leaders**
- **Commissions AF Aircraft Fire Training Facilities; developing plan to centrally manage training facility maintenance**
- **Centrally Manages the FES Assessment Program; standardizes FES criteria and inspections**



Readiness Capabilities: Research, Development & Acquisition

- **Supports CE RD&A requirements generation, systems development, prototype integration, testing and evaluation of COTS/GOTS, acquisition solutions, rapid fielding**
- **Plans and executes programs for acquiring systems, equipment, technology, and data to fulfill CE operational needs and requirements for expeditionary and in-garrison airbases.**
- **Performs military utility assessments, commercial and developmental technology validation and demonstration, and developmental test and evaluation.**
- **Rapid prototype development, low-count unit manufacturing for proof of concept and risk reduction, as well as, rapid engineering and fielding of hardware directly to the warfighter in response to Urgent Operational Needs (UON).**
- **Maintains and manages airbase technology test and assessment facilities.**



Readiness Capabilities: AFCAP

- **Management and execution of the Air Force Contract Augmentation Program (AFCAP) support for contingency requirements.**
- **World-class contingent contract tool, containing a wide array of private sector capabilities, readily available as a force multiplier to rapidly execute global National Command Authority (NCA) mission demands.**
- **Worldwide contingency contract tool, available 24/7/365.**
- **Contract manpower to complete or augment tasks, a full range of logistics support (acquisitions, deliveries, procurement of COTS, heavy equipment, leases, bulk materials, War Readiness Material [WRM] augmentation, etc.)**
- **Provide sustainment of deployed forces and maintenance and operations of facilities and infrastructure supporting U.S. military missions worldwide.**



Business Opportunities

- **Contract Labor Support**
 - **Technical writing service/publications**
 - **Training products**
 - **Reachback support**
 - **Lessons Learned and Trends Analysis**
 - **EOD Battlefield Airman Individual Equipment Management**
 - **Asset Reconstitution - return/recovery of deployed equipment sets and specialized C-IED tools**



Business Opportunities

Emergency Management

- **Collective Protection**
 - **Service, Maintenance, Repair, and Testing**
 - **Three Systems (1 @ Peterson AFB, 2 @ Andrews AFB)**
- **Radiation Portal Monitors (AT-980)**
 - **Service, Maintenance, Repair, and Calibration**
 - **21 Systems (3 @ Peterson AFB, 6 @ Andrews AFB, 9 @ Ramstein AB, 2 @ Charleston and 1 @ Dover)**
- **Decision Support System (IT)**
 - **Service, Maintenance, and Repair**
 - **5 Systems (2 @ Peterson AFB, 1 @ Andrews AFB, 1 @ Ramstein AB, 1 @ Barksdale AFB and 1 @ Robins)**



Business Opportunities

AFCAP “IV” follow on to AFCAP III

- **Acquisition Planning underway**
 - **Expect Draft RFP release late May 2013**
 - **Formal RFP release scheduled for July 2013**
 - **Award scheduled for November 2014**
 - **Services begin 1 October 2015**
- **Multiple award, indefinite delivery, indefinite quantity**
 - **Five year contract duration**
 - **\$5B contract ceiling**
 - **Focus on contingency support (US and overseas)**
 - **Wide variety of services, construction, and commodities will be required**



Current RD&A Business Opportunities

Current Statements of Work (SOW) transferring from AFRL/RXQ

- **Concrete Joint Sealant for High-Temperature Applications (Phase 2), Contract # FA8650-12-C-5116**
- **Deployable Energy Research, Development, Testing and Evaluation, Contract # FA4819-12-C-0008**
- **Fire Fighting and Fire Protection Systems, Contract # FA4819-09-C-0030**
- **Functional Polymeric Materials: From Research Labs to Field Applications, Contract # FA8650-09-D-5900**



Current RD&A Business Opportunities (cont.)

Current Statements of Work (SOW) transferring from AFRL/RXQ

- **R&D on EM Responsive Coatings, Contract # FA8650-09-D-5900-0002**
- **Thermal Decontamination Containment System (TDCS), Contract # FA4819-12-C-0005**
- **Engineering Mechanics and Explosive Effects (EMERG), Contract # FA4819-09-C-0032**
- **Airbase Operating Surfaces (AOS), Contract # FA4819-09-C-0028**
- **Airfield Damage Repair (ADR) Asphalt Materials Research, Contract # FA4819-12-C-0001**



Current RD&A Business Opportunities (cont.)

Current Statements of Work (SOW) transferring from AFRL/RXQ

- **Technology for the Advancement of Protective Structures (TAPS), Contract # FA4819-12-C-0006**
- **Robotic Technologies for Explosive Ordnance Disposal and Hazardous Missions, Contract # FA4819-09-C-0044**
- **Advanced Research Into Robotics and Robotic Technologies, Contract # FA4819-09-C-0039**
- **Robotic Technologies for Airbase Operations and Support Mission Area, Contract # FA4819-09-C-004**
- **Tech & Assoc R&D Lab-Proj Sp, Contract # FA4819-11-C-0003**



Future RD&A Business Opportunities

Future Airbase Capability Pursuits:

- **Airfield Damage Repair (ADR) Technologies**
- **Basic Expeditionary Airfield Resources (BEAR) Technologies**
- **Airbase Facilities and Infrastructure Systems**
- **Airbase Operations**
- **Civil Engineering Materials**
- **Emergency Response and Fire Protection Systems**
- **Infrastructure Protection and Environmental Systems**
- **Robotics and Automation**
- **COTS Civil Engineering Solutions**



Readiness POCs

For additional information on Readiness Contracts:

- **Contract Support, AFCEC/CXA**
 - (850) 283-6474, DSN 523-...

- **Expeditionary Engr, AFCEC/CXX,**
 - (850) 283-6112 or DSN 523-...

- **Exp Engr & RD&A, AFCEC/CXX**
 - (850) 283-6131 or DSN 523-



Readiness POCs

For additional information on current & future RD&A efforts, please contact:

- **CXA Requirements IPT Co-Lead,**
 - (850) 283-6310 or DSN 523-
- **CXA Reqt's IPT Co-Lead,**
 - (850) 283-6191 or DNS 523-
- **CXA Business IPT Co-Lead,**
 - (850) 283-2784 or DNS 523-



Readiness POCs

For additional information on current & future AFCAP efforts, please contact:

- **AFCAP Lead, AFCEC/CXAA**
 - **(850) 283-6216 or DSN 523-**

Emergency Management & EOD

- **AFCEC/CXRO, (850) 283-6537, DSN 523-**

- **AFCEC/CXD, (850) 283-6156, DSN 523-**

QUESTIONS?

