

Chemical and Biological Installation Force Protection

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**David W. Cullin, PH.D.
Director of Technology
Program Executive Office for Chemical and Biological defense
(703) 681-9607
dave.cullin@peocbd.army.mil**

Direction

- **PDM 1**
 - Procurement of equipment to extend near maximum (Level 3) chemical and biological protection coverage to 200 DoD installations (185 within the United States and 15 outside the United States) according to the schedule below. Priority will be given to installations that are critical to C3I missions or the early generation of combat power, and second priority will be given to installations that have the the largest populations in or near them.
 - CJCS, in coordination with the Services , USD(P), USD(AT&L), and PA&E will develop standards that rationalize AT/FP and CB defense of DoD installations into an integrated prioritized list of defense needs. The standards and implications of applying the standards in the FY05 budget will be presented to the Deputy Secretary for approval by **June 15, 2003**

- **DODI 2000.18, DoD Installation Chemical, Biological, Radiological, Nuclear and High-Yield Explosive Emergency Response Guidelines – E3.3.3.1** This guideline requires portable detection devices, a communications capability to the central emergency operations center, as well as individual protective equipment.

- **Deputy Secretary of Defense Memo, dtd 5 Sept 2002, Subject: Preparedness of U.S. Military Installations and Facilities Worldwide Against Chemical, Biological, Radiological, Nuclear and High-Yield Explosive (CBRNE) Attack**

Specified and Implied Tasks

- **Specified Tasks –**
 - Provide an Effective CBRN Protection, Detection, Identification and Warning System for Installation Protection
 - Ensure Integration of CBRN Network With Existing C3I Capabilities to Provide Effective Information Management
 - Provide a Capability for Rapid Restoration of Critical Installation Operations
 - Protect DoD Civilians, Contractors and Other Persons Working on U.S. Military Installations and Facilities and Family Members Assigned Overseas or Who Work or Live on Our Installations Worldwide
 - Develop Standards Rationalizing AT/FB and CB Defense of DoD Installations in FY05 Budget. Brief to DEPSECDEF NLT **15 June 03**

- **Implied Tasks –**
 - Minimize Equipment and Operating Costs
 - Maximize System Effectiveness and Efficiency
 - Provide a Biological Warfare Agent Confirmatory Capability

- **Execution Tasks –**
 - Establish Mission Need Statement/Requirements Document
 - Conduct an Analysis of Alternatives (AoA)
 - Stand-up Program Management Office
 - Field to Prioritized List of Installations

Concurrent Actions Required

- **Mission Needs**
 - **Requirements**
 - **Analysis of Alternatives**

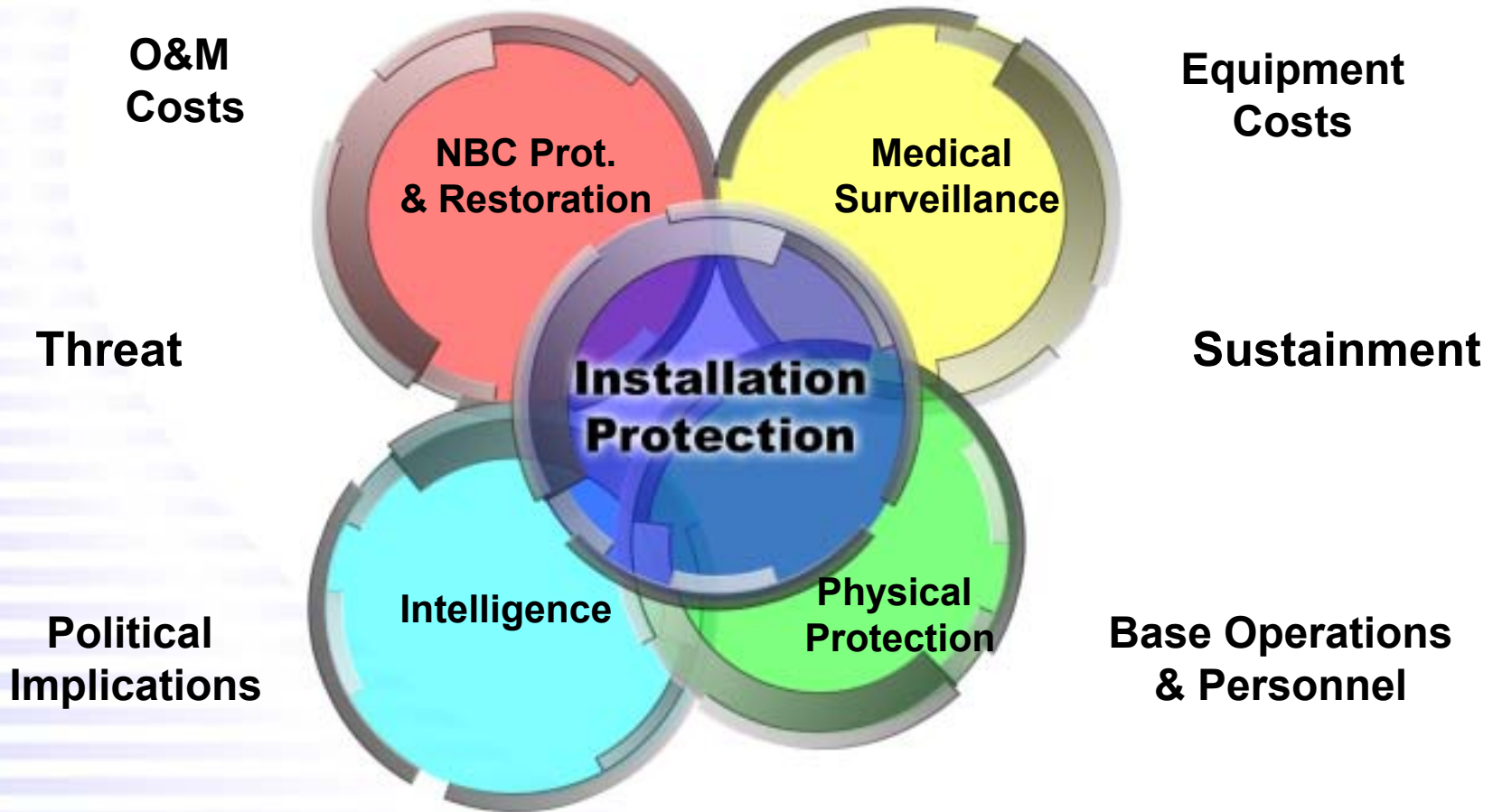
**Establish
Program Management
Office**

**Synchronize
With/Leverage
Anti-Terrorism/
Force Protection
Activities**

**Budget Briefing 15 June 03
Fielding Begins FY04**

Installation Protection Components

Tradeoffs Must Occur Across All Major Components In Response To Requirements To Achieve The Most Effective Installation Protection Capability



Requirements

- **Vary by Installation**
 - Size
 - Geography
 - Type (Port, Airfield, Base, Post, etc.)
 - Mission
 - Etc.
- **Vary by Threat Assessment**
- **Requires Trade-Off Analysis**
 - Cost/ Benefit/ Risk

Flexible Capstone Requirements Required

Path Forward

- **Development of Models and Analysis Dependent Upon**
 - **Mission Definition**
 - **A Requirements Document to Support AoA and Program Development and Execution**
 - **Key Associated Issues, e.g.**
 - **Definition of Appropriate Threat Profiles**
 - Requirement For TIC/TIM/NTA
 - Protection/ Detection of Food and Water
 - **On-Post Civilian/Family Member Protection**
 - **Off Post Protection and Response**
 - **Rad & Nuclear – In or Out**
 - **Individual protection**
 - **Dedicated or Regional Response Support**
 - **Cost/Benefit/Risk Metrics**

Joint JRO/PEO Task Force

Potential Opportunities

Although there is nothing in stone:

- **PEOCBD plans to make maximum use of COTS**
 - **Government independent testing**
 - **Heavily leverage Homeland Security activities**
- **Installation requirements may be different than battlefield**
- **Many different acquisitions strategies under consideration**
 - **Make use of existing service/installation specific contracting vehicles**
 - **Prime systems contracts**

**Multiple paths, multiple industry opportunities
will exist on many levels**

What we need-

- **COTS solutions**
- **Systems solutions**
 - **CBRN + C3I**
- **Systems of systems approaches**
 - **CBRN + C3I + AT/FP (G³)**

We need your input!