USACE Outlook
Military Missions and Civil Works

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9 January 2013
USACE Mission Areas

**Military Programs**
- Military Construction
- COCOM Support, Overseas Contingency Operations (OCO)
- Installation Support, Environmental, Energy and Sustainability

**Real Estate**
- Acquire, Manage and Dispose
- DoD Recruiting Facilities
- Contingency Operations

**Civil Works**
- Navigation, Hydropower
- Flood Control, Shore Protection
- Water Supply, Regulatory
- Recreation, Disaster Response
- Environmental Restoration

**Research & Development**
- Warfighter
- Installations & Energy
- Environment
- Water Resources

**Homeland Security**
- Critical Infrastructure
- Anti Terrorism Plans
- Intelligence
- Facility Security Partnership

**Interagency Support**
- Federal
- State
- Local
- International

**Geospatial Support**
- Support to Civil Works Programs
- Support to Military Programs
- Common Operating Picture/Environment
- Support to Emergency & Contingency Ops

**USACE Has a Diverse Mission Set Driven by Diverse Customers**

*BUILDING STRONG – USACE Supports the Army and the Nation*
USACE FY12 Accomplishments

85,203 Contracting Actions = $22 B
$12.3 B Civil Works obligations
307 Military Projects awarded = $7.76 B
Executed $1.58 B in Environmental programs
$7.4 B awarded to Small Businesses = 45 percent of all USACE CONUS obligations
Civil Works Program Trends FY01-16

- Miss. River & Tributaries
- FUSRAP
- Investigations
- SFO and Other Reimbursement
- ARRA
- Non-Federal
- Other Direct FCCE & RP
- Construction
- Operation & Maintenance

Current $ as of Nov 2011

Fiscal Year
Private Sector Partnerships

Construction Contractors:
- Unlimited Capability
- Perform 99%+ of Civil Works & Military Construction

Architect-Engineer Firms
- Perform 67% of Military Missions & 42% of Civil Works Planning & Design

36,000 Corps Employees

Sponsors, Agencies, Associations
Commanding General’s Emerging Priorities

Civil Works Focus: Transform Civil Works

Military Focus: Defend and Protect our Nation

Strategic Focus: Prepare USACE For the Future
“The Perfect Storm” Hitting the CW Program

- Aging capital stock portfolio with program becoming unsustainable
- Underfunded CW budgets
- Declining performance across all CW business lines
- Increasing demand and competition for water & water resources
- Climate Variability – increased frequency, intensity and location of extreme events
- Under-appreciated value of the CW infrastructure with continuing challenges for communicating the “Value to the Nation” to American people & decision-makers
Nearly 8100 Major Dams in the Nation
Impounding 600,000 mi of river (about 17% of US rivers)

*USACE National Inventory of Dams (2005)

Grade is from 2009 ASCE Report Card for America’s Infrastructure
United States Levees

14,000 mi. of inventoried levees in the USACE National Levee Database 105,000 (+) mi. (est.) of other levees in the Nation

Grade is from 2009 ASCE Report Card for America’s Infrastructure
A Maritime Nation

12,000 Miles of Navigable Waterways

15% of the domestic freight; 60% of the grain exports; 22% of coal and petroleum products

1/3 of U.S. GDP and 14 million jobs
Major Transformation Initiatives

Planning

Budget Development

Infrastructure Strategy

Methods of Delivery

As of 23 Oct 12
New Models for Doing Business

New Orleans Risk Reduction

Port of Miami

Everglades Restoration

Los Angeles River
Methods of Delivery

• Regional and National Production Centers
  • Regional – one or more within a MSC, but not every district
  • National – one or more within the Nation, but not every MSC

• Business Process Changes
  • Centers of Standardization

• Integrate a Human Capital Plan—the competence factor to delivery
USACE Military Missions

- Military Construction
- Installation Support
- Environmental
- Energy and Sustainability
- Interagency Support
- International Services
- Real Estate Services
- COCOM Support
- Research and Development
- Geospatial Support
What is Changing in Military Programs

- Reduction in MILCON program and number of projects
- Ascending Host Nation Program
- Proportional reduction in the Army and increase in the Air Force and DOD programs (% of program)
- Potential increased requirements to support COCOM theater engagement
- Increased requirements for energy and sustainability
- Increased potential requirements for Restoration and Modernization of existing facilities
- Increased customer expectation for enterprise solutions
Project Delivery

- Project Delivery
  - Acquisition of standard facilities using more regional vice product line contracts
  - Developing regional models and updating standard designs for energy.
  - Employ multiple delivery methods
    - Design Bid Build
    - Design Build
    - Adapt Build
Energy and Sustainable Design

- ASHRAE 189.1 is our standard. (version 2009)
- ASHRAE 189.1 is exceeded as the project moves towards compliance with EISA 2007
- A Life Cycle Cost Analysis, (LCCA) is required for all energy enhancement measures exceeding ASHRAE 189.1
- Tri-service initiative underway for design proposals to include a LCCA for evaluation
- LEED Certification – FY 12 NDAA prohibition on LEED Gold and Platinum, requires LCCA for items Above LEED silver
Army Facility Strategy Going Forward

• Sustain Required
• Dispose of Excess
• Improve Energy / Cost Savings
• Improve Facility Quality
• Build-out Critical Facility Shortfalls
FY13 MILCON Overview

• FY13 Budget Overview Document can be found at:


• USACE Contracting website:
What Can You Do?

➢ Understand the District Missions
➢ Sustain Competency and Proficiency
➢ Drive Innovation and Ingenuity
➢ Sustain Strong Industry Partnerships