SAME FY15 DoD and Federal Program Briefings:
Army Design & Construction Programs

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March 24, 2014
USACE Military Missions

- Military Construction
- Overseas Contingency Operations (OCO)
- COCOM Support
- Installation Support
- Environmental
- Real Estate Services
- Interagency and International Services
- Energy and Sustainability
## Campaign Plan – Goal 1

**Support the Warfighter:** *Deliver innovative, resilient, and sustainable solutions to DoD and the Nation.*

<table>
<thead>
<tr>
<th>Obj. 1a : Support the Combatant Commands’ security activities, and the efforts of other U.S. government agencies around the globe, to advance our Nation’s Interests.</th>
<th>Obj. 1b : Partner with Installation Management Communities at all echelons to deliver and maintain enduring installations and contingency basing.</th>
<th>Obj. 1c : Support the Nation and the Army in achieving our energy security and sustainability goals.</th>
<th>Obj. 1d : Support the larger Engineer Regiment to ensure it is designed, equipped, organized, manned, led, trained, and enabled by relevant doctrine to meet the needs of the Army and the Joint Force.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action 1a4: Provide a Capable Expeditionary Workforce.</td>
<td>Action 1b4: Develop strategic capabilities enabling engineering solutions.</td>
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</tbody>
</table>

*BUILDING STRONG®*
FY14 consists of current program on books - totals do not reflect sequestration reduction
FY15 - 17 consist of projected totals
OCO includes OMA OCO for the Overseas Mission and Reconstruction-Reimbursable for Afghanistan Security Forces
Other includes OPA, Non-Fed Reimbursable, Division Support for MILCON (DOS) - direct and Other Dir (MCA SPT/DS-SD/ETC).
Partnering w/ Installation Management

- **Annual Average:** USACE districts, labs, centers provide $3.2 billion worth of reimbursable facilities and public works support to IMCOM, Air Force and DOD installations.

- **The Sustainment Management System (SMS) BUILDER:** our web-based software application that assesses and predicts the condition of major facility components; helps prioritize investment strategies/decisions.

- **Program Manager for The Army Metering Program:** ensuring that Army facilities are metered with advanced electric meters, connected and automatically reporting to the Army’s enterprise reporting system; Meter Data Management System (MDMS).

- **Department of Defense Education Activity (DODEA):** DOD's Design and Construction Agent, authorized to execute DODEA’s construction program in FY11- FY18.
  - The program - 106 projects valued at $4.2B; remodeling, expanding, replacing and providing new schools; locations - Germany, Belgium, Japan, Korea, Continental United States; purpose - bring the standards of the schools (Old and New) to meet 21st Century Innovative Teaching Approaches.

Wilderness Road Complex
Ft Carson, LEED Platinum
Environmental Workload ($M)

FY14
$2.0B

FY15
$1.3B

- BRAC, $50
- DNPPP, $40
- DSMOA, $50
- Superfund, $200
- IRP/MMRP, $330
- NALEMP, $12
- FUSRAP, $104
- ESFO, $30
- FUDS, $208
- EQ, $320

- About 2/3 of the Army’s Environmental Program (excluding BRAC)
- Increase in Army BRAC due to account consolidation
- $50M Plus up for FUDS in FY14 Budget
Support the Combatant Commands

- USACE overseas activity is dictated through foreign policy, national security interests and support to combatant commands.

- Supporting Presidential Initiatives: Re-balance to Asia and Power Africa

  - Medical Facility Construction: Rhine Ordinance Barracks Military Medical Center (Germany)
  - Foreign Military Sales (FMS): F-16 Build-out in Iraq
  - Civil Military Emergency Preparedness Program (CMEP)

Qatar: New construction consolidates several U.S. Air Force functions.
**USACE Capabilities through Federal Authorities**

**Authority**

- Foreign Military Sales and Foreign Military Financing, Arms Export Control Act
  - Sell defense articles and services to foreign countries and international organizations to strengthen the security of the U.S. and promote world peace.
  - Ministry of Defense
  - * Barracks
  - * Military Headquarters Facilities
  - * Hangers
  - * Maintenance Facilities
  - * Geospatial Services
  - * Engineering Equipment
  - * Engineering Services
  - * CENTCOM-Saudi Arabia: F-15 Base
  - * EUCOM-Israel: Hangers
  - * PACOM-India: C-17 Airport

**Section 607**

- Foreign Assistance Act of 1961
  - Provide services and commodities to friendly countries, international organizations, and voluntary nonprofit-relief agencies in support of national security.
  - Ministries other than Defense
  - * Road Construction
  - * Water Resource Planning
  - * Electricity Restoration Facilities
  - * Schools
  - * Engineering Services
  - * Capacity Development
  - * Geospatial Services
  - * CENTCOM-Bahrain: Water Management
  - * SOUTHCOM-Brazil: Dam Assessments
  - * SOUTHCOM-Ecuador: River Watershed
Security Assistance Work by CCMD

Active Cases As of 1 Dec 2013

31 Countries (181 Cases, $2.8B) with an Active USACE Security Assistance Mission

NORTHCOM/ SOUTHCOM
4 Cases ($27M)
Brazil
Canada
Colombia

AFRICOM
15 Cases ($22M)
Cape Verde
Djibouti
Ghana
Kenya
Lesotho
Mali
Mauritania
Rwanda
Sierra Leone
The Gambia

CENTCOM
111 Cases ($1.6B)
Afghanistan
Bahrain
Egypt
Iraq
Jordan
Kuwait
Lebanon
Saudi Arabia
Tajikistan
U.A.E
Yemen

EUCOM
48 Cases ($950M)
Israel
NATO SHAPE
Romania

PACOM
3 Cases ($236M)
Bangladesh
India
Mongolia
Potential Future FMS Work

Gulf Region:
- **Kuwait**: Cases, TPA projects, Technical Assistance (FMS +)
- **Saudi Arabia**: TPA projects, Cases, Technical Assistance (FMS)
- **Bahrain**: Technical Assistance, Projects (607 +)
- **Qatar**: TPA Projects, Cases, Technical Assistance (FMS)
- **Iraq**: TPA Projects, Cases (FMS, FMF)
- **Other Gulf states**: Continued FIDIC-type project involvement, TPA Projects, Cases, Technical Assistance (FMS/FMF)

Middle East other:
- **Egypt**: TPA Projects, Cases (FMF)
- **Other Levant states**: Smaller value Cases, TPA Projects (FMF)

Central and South Asia:
- **Afghanistan**: Smaller value Cases, TPA Projects (FMF)
- **Other “Stans”**: Smaller value Cases, TPA Projects (FMF)

_FIDIC = Federation Internationale Des Ingenieurs Conseils (International Federation of Consulting Engineers)_
_FMFM = Foreign Military Financing (essentially US grant funding)_
USACE Support to Army’s Energy and Water Program

- Military Construction Army (MCA) Sustainable Practices and Energy Efficiency
- Water Conservation
- Research and Development (R&D)
- Master Planning
- Energy Programs and Alternative Financing
  - Metering and MDMS
  - ESPC and UESC
  - EEAP
  - ECIP
  - Commercial Utilities (CUP)
  - Operational Energy
- Energy Initiatives Task Force (EITF)

USACE PROVIDES TECHNICAL, CONTRACTUAL, PROGRAMMATIC, AND POLICY DEVELOPMENT SUPPORT TO THE ARMY ENERGY PROGRAM.
Military Construction
Sustainable Practices and Energy Efficiency

Our objectives follow…

**Lead through example**
LEED, Air Tightness and Deep Energy savings - retrofit

**Deliver on expectations**
Construct to a EUI and monitor building performance

**Create and share knowledge**
Regional Energy Centers of Expertise (RECX)

**Capture and institutionalize best practices**
Enterprise Approach to High Performance Sustainable Building (HPSB) Delivery
Regional Energy CX’s

Established Regional Centers of Expertise
to create and transfer knowledge

NAD - Commissioning, Low impact design, Solar thermal
SAD - District energy, Water, Waste water, Purple pipe
LRD - Charrettes, Conceptual modeling, Geothermal
SWD - OMA / SRM/ existing buildings, Waste to energy
NWD - Building envelope, Air tightness, Passive house, waste
SPD - Life cycle cost analysis, Solar PV, Wind
POD - Energy modeling, Lighting (day lighting and electrical)
HNC - Energy audits, Metering, Acquisitions (ECIP, ESPC etc.)
TAD - Operational energy, Contingency design

ERDC/CERL - Liaison/Advisor assigned to each competency
HDQTRS - Proponent assigned to each center

http://mrsi.usace.army.mil/sustain/
Tenets for Success

- We strive every day to keep the USACE reputation held in high esteem.
- Never waiver on quality or safety.
- We need to be the Army’s Engineer (and often for DoD and interagency).
- We must deliver what we say we will – cost, scope, and schedule.
- You can’t over-communicate in this business.
- Collaboration and Partnering – every Stakeholder and project is important!
- Must nest our planning and operations functions across echelons with IMCOM and Garrisons
USACE
MILITARY CONSTRUCTION
FY 14 ACQUISITION FORECAST
U.S. Army Corps of Engineers Releases Work: s Plans for Fiscal Year 2014 Civil Works Appropriations

Washington: The U.S. Army Corps of Engineers delivered to Congress its plan in Fiscal Year 2014 work plans for the Civil Army Civil Works program. President Obama on January 17 signed into law the Energy and Water Development Appropriations Act, 2014; Division D of by Public Law 113-76, the Consolidated...
# USACE 2014

## Acquisition Forecast - Military Construction

<table>
<thead>
<tr>
<th>No.</th>
<th>Dist</th>
<th>Project Number</th>
<th>Project Description</th>
<th>Installation</th>
<th>Design Method</th>
<th>Acquisition Type</th>
<th>Acquisition Tool</th>
<th>Acquisition Method</th>
<th>PA / Authorized Cost</th>
<th>Award Estimated Date</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>LNL</td>
<td>025684</td>
<td>Center Support CDP</td>
<td>Blue Grass Army Depot</td>
<td>Architect-Engineer</td>
<td>Firm Fixed Price</td>
<td>No set aside used</td>
<td>Non-Competitive RFP - One Step</td>
<td>$63,000,000</td>
<td>29-Aug-14</td>
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<td>2</td>
<td>LNL</td>
<td>025677</td>
<td>Construct a System Integration Maintenance Facility</td>
<td>Fort Campbell</td>
<td>Design-Build, RFP developed by NIH</td>
<td>Firm Fixed Price</td>
<td>No set aside used</td>
<td>RFP - Two Steps</td>
<td>$40,000,000</td>
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<td>3</td>
<td>LNL</td>
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<td>Fort Custer, CA</td>
<td>Fort Custer, CA</td>
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<td>4</td>
<td>LNL</td>
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<td>MultiStar NY - Fort Rucker Logistics Center</td>
<td>MultiStar, NY</td>
<td>Architect-Engineer</td>
<td>Firm Fixed Price</td>
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<td>RFP - Two Steps</td>
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<td>01-Jun-14</td>
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<td>5</td>
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<td>Dover, DE - Johnston Reserve Center</td>
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<td>RFP - Competitive</td>
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<td>LNL</td>
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<td>Aberdeen Proving Ground, MD</td>
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<td>Architect-Engineer</td>
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<td>RFP - Two Steps</td>
<td>$18,900,000</td>
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As of 21 May 2014.