International Business Opportunities: USAFRICOM

Sponsored by SAME International Committee

Moderator:
- David A. Luke, Jr, PE, LEED™ AP BD+C, Vice President, Merrick & Company

Speakers:
- CAPT Rodney O. Worden, Director, Engineering Branch, AFRICOM
- Mr. Nicholas Bordlemay, Chief, Program Analysis Section, US Army Engineer District, Europe
- Colonel (USAF) Aaron K. Benson, Chief, Civil Engineer Division, Logistics, Engineering and Force Protection Directorate, U.S. Air Forces Europe
- Mr. Tom Clark, Cl Construction PLC, NAVFAC EURAFSWA
Agenda

• Overview
• FY16 Construction Plan
• Djibouti First Legislation
• MILCON
• Energy and Environmental Engagements
• Challenges / Issues
• Closing Remarks
It’s a BIG job!

Challenging Environment
- Tyranny of Distance
- Lack of Infrastructure
- 53 Countries
- 22 Declared Disasters in Africa by USAID OFDA
- 15 High Risk Diplomatic Missions
- Dynamic & Uncertain Security Environment
- Rapidly growing requirements/responsibilities

Economy of Force
- 1 Forward Operating Site – Camp Lemonnier Djibouti
- ~40 Cooperative Security or Contingency Locations
  - Small locations / many not permanently manned
  - Expeditionary and Austere Conditions
Going Far - Together

Operational Contract Support
“Djibouti First” Legislation
Vendor Day–Contractor Development
Theater Business Clearance
Contractor Accountability

Military Construction
Djibouti
Niger
USACE / NAVFAC
Austere Standards

Environmental & Energy
Military to Military Engagements
Operational Energy
Climate Change & Rsrce Conflict
Water Security

Engineer Project Targeting
Counter Narcotics-Piracy
Humanitarian Assistance & Civil Assistance, Foreign Mil Sales,
Global Peacekeeping Initiative, Defense Institution Building

Exercises
Building African Partner Capabilities
Military to Military Engagements
Exercise Related Construction
Troop Construction Coordination

Contingency Basing
Theater Contingency Posture
- Contingency Locations
- Cooperative Security Lctns
FY16 Project Summary
88 projects (71 projects)
21 countries
$200.7M

Construction Program (# projects/$)
Operations & Maintenance (24/$57.1M)
MILCON (2/$93.7M)
Exercise Related Construction (4/$1.4M)
Humanitarian Assistance (12/$3.9M)
Humanitarian Civic Assistance (5/$783K)
Counter Terrorism Partnership Fund (CTPF)/2282 (12/$8.7M)
Counter Narcotics (7/$4.5M)
Africa Peacekeeping Rapid Response Partnership (2/$1.2M)
Global Peacekeeping Operations Initiative (18/$13.5M)
Defense Threat Reduction Agency (2/$15.8M)
Djibouti First Legislation

• Djibouti is a key strategic partner and ally in East Africa, essential to U.S. operations in the region

• Public Law 113-291 (19 Dec 2014) provides enhanced authority to acquire goods and services in support of U.S. Operations in Djibouti through limiting competition to or providing a price preference for products and/or services of Djibouti

• Participation Opportunities
  ▪ Incorporate use of Djiboutian products, services and/or subcontracts into offerors/proposals
  ▪ Develop arrangements similar to mentor-protégé and Joint Venture relationships to build up Djiboutian company capabilities
Camp Lemonnier Projects

CLDJ Master Plan: 39 MILCON projects $890M

- Air Cargo Terminal & Joint Mobility Processing Center
- Aircraft Parking Apron
- Medical / Dental Facility
- Electrical Generation

<table>
<thead>
<tr>
<th>Color</th>
<th>Status</th>
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<tr>
<td>White</td>
<td>NDAA Authorized</td>
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<tr>
<td>Green</td>
<td>Programmed</td>
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<tr>
<td>Yellow</td>
<td>Future</td>
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# Environmental & Energy Engagements

## Operational Energy

<table>
<thead>
<tr>
<th>Description</th>
<th>Location</th>
<th>QTR</th>
<th>Note</th>
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<tbody>
<tr>
<td>Energy Assessment</td>
<td>Burkina Faso</td>
<td>3rd</td>
<td>Defense Committee (DEFCOM)</td>
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<tr>
<td>Energy Assistance</td>
<td>South Africa</td>
<td>Ongoing</td>
<td>DEFCOM</td>
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</table>

## Defense Environmental International Cooperation (DEIC)

<table>
<thead>
<tr>
<th>Description</th>
<th>Location</th>
<th>QTR</th>
<th>Note</th>
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<tbody>
<tr>
<td>Oil Spill Preparedness</td>
<td>Morocco</td>
<td>3rd</td>
<td>Planning w/ UNEP</td>
</tr>
<tr>
<td>Niger River Basin Management Planning Visit</td>
<td>Nigeria</td>
<td>3rd</td>
<td>USARAF Execution</td>
</tr>
<tr>
<td>Environmental Security</td>
<td>Mozambique</td>
<td>3rd</td>
<td>Partner w/OCHA</td>
</tr>
<tr>
<td>Water Capacity Building</td>
<td>Ethiopia</td>
<td>4th</td>
<td>NAVFAC Execution</td>
</tr>
<tr>
<td>Wildlife Trafficking</td>
<td>South Africa</td>
<td>3rd</td>
<td>USACE Execution</td>
</tr>
<tr>
<td>Outreach for Mission Sustainability</td>
<td>South Africa</td>
<td>4th</td>
<td>DEFCOM</td>
</tr>
</tbody>
</table>
Challenges / Issues

• Synchronizing Engineering efforts
• Matching local procurement goals with local capabilities
• Shifting priorities

Barclayville ETU

Agadez Niger Milling operation
“If you want to go quickly, go alone. But, if you want to go far, go together.”

- African Proverb
Naval Facilities Engineering Command
Europe Africa Southwest Asia
(NAVFAC EURAFSWA)

Society of American Military Engineers
International Business Opportunities Webinar Series

March 2016
Overview / Agenda

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PSC 817 BOX 51
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Agenda:
NAVFAC Europe Africa Southwest Asia – Area of Responsibility
Products and Services
Asset Management Business Line
Capital Improvements Business Line
Contingency Engineering Business Line
Environmental Business Line
Public Works Business Line
Summary
EURAFSWA by the #s

3 Theaters of Operations
- Europe, Africa, Southwest Asia

5 COCOMs
- AFRICOM, CENTCOM, EUCOM, TRANSCOM, SOCOM

2 Fleet Commanders
- CNE-CNA-C6F, NAVCENT-C5F

1 REGCOM

8 Public Works Departments, 1 ROICC
- Bahrain Deveselu, Romania Djibouti Naples, Italy Redzikowo, Poland Rota, Spain Sigonella, Italy Souda Bay, Greece ROICC N. Italy

7 countries, labor laws, work groups, and pay systems + 27 countries for HA Projects
- 9,321 acres
- 4,251 buildings
- $761M FY15 VOB
- $9.1B PRV
- 168 leases in 15 countries
- $108.6M annual value

NAVAFAC EURAFSWA Area of Responsibility

Civic Engagement – Active Projects
Civic Engagement – Active Projects, Legacy AOR
Civic Engagement – No Active Projects

Pre-Decisional / Deliberative Process / For Official Use Only
## Major Product & Services*

### Capital Improvements
- Construction
- Design A&E
- Design In-House
- Specialized Technical Services

### PublicWorks
- Facility Sustainment
- Utility and Energy Management
- Base Support Vehicles & Equipment
- Facility Services

### Environmental
- Environmental Planning
- Environmental Compliance
- Environmental Conservation
- Overseas Drinking Water

### Asset Management
- Real Estate
- Land & Installation Planning
- Facilities Planning
- Encroachment Management
- Facilities Integrated Logistics Support
- Real Property Acq, Mgmt & Disposal

*Forward Presence: NAVFAC EURAFSWA with Reach back support provided by NAVFAC Atlantic*
NAVFAC EURAFSWA Business Metrics

Takeaways

- VOB relatively steady
- NAVFAC Atlantic Reach back is part of our Business Model.
- Highly Leveraged in MILCON, BOS, AM
- Wheeling of work within the FEC

*as off 22 Feb 2016
### Primary Workload Summary

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>PRE-AWARD MILCON</th>
<th>MILCON UNDER CONSTRUCTION</th>
<th>CENTRALLY MANAGED PROGRAMS</th>
<th>HUMANITARIAN ASSISTANCE PROGRAMS</th>
<th>CONSTRUCTION TOTALS</th>
<th>LEASES</th>
<th>BASE OPERATING SUPPORT CONTRACTS</th>
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</thead>
<tbody>
<tr>
<td>EUCOM</td>
<td>$356M</td>
<td>$419M</td>
<td>$42.2M</td>
<td>$3.0M</td>
<td>$820.2M</td>
<td>$58.5M/Yr</td>
<td>$31.4M/yr</td>
</tr>
<tr>
<td>AFRICOM</td>
<td>$82.1M</td>
<td>$352M</td>
<td>$10.6M</td>
<td>$1.2M</td>
<td>$445.9M</td>
<td>$1.7M/Yr</td>
<td>$55M/Yr</td>
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<tr>
<td>CENTCOM</td>
<td>$125.9M</td>
<td>$185M</td>
<td>$31.9M</td>
<td>-</td>
<td>$342.8M</td>
<td>$49M/Yr</td>
<td>$32.1M/Yr</td>
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<tr>
<td>TOTALS</td>
<td>$732.4M</td>
<td>$956M</td>
<td>$84.7M</td>
<td>$4.2M</td>
<td>$1,608.9M</td>
<td>$109.2M/Yr</td>
<td>$118.5M/yr</td>
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</table>

#### COCOM Construction Distribution

- EUCOM: 51%
- AFRICOM: 21%
- CENTCOM: 28%
Capital Improvements – Products and Services

• Design / Engineering Services
  – Architect-Engineer IDIQ Contracts
    • Typically 3 year contracts (Base year + 2 option years)

• Construction
  – Multiple Award Construction Contracts (MACC)
    • Design-Build MACC Contract Capability
    • Multiple Construction Contractors (3+)
    • Typically 5-year MACC contracts (Base year + 4 option years)
  – Job Order Contract (JOC)
    • Design-Build JOC Contract Capability
    • Single Construction Contractor
    • Typically 5-year JOC contracts (Base year + 4 option years)
  – Stand Alone Procurements
    • Low Price Technically Acceptable (LPTA)
    • Best Value Source Selection (BVSS)
  – Special Trade/Multi-trade IDIQs
ACQ Toolbox – Tools and Remaining Capacity

- EUROPE SW Asia AE IQ
- Europe Only AE IQ
- Rota AE IQ
- Souda Bay AE IQ

Remaining (M)

Used (M)
ACQ Toolbox – Tools and Remaining Capacity
Capital Improvements – Construction Procurements

• **Low-Price-Technically Acceptable (LPTA)**
  – Determine Lowest Priced of Technically Acceptable Offerors

• **Best Value Source Selection the Tradeoff Process**
  – Most common format for Source Selection
  • Considers price and technical evaluation factors
    – Contractors evaluated against pre-determined sources selection plan
      » Source selection plan = What the government deems acceptable responses
      » **PRE-DETERMINED CRITERIA**!
  • Allows Government to consider VALUE in relation to PRICE
  • Federal Acquisition Regulation (FAR)
    – FAR Part 15 – Contracting by Negotiation
    – FAR Part 36 – Construction and A/E Contracts

• May award with or without discussions
• Possible new Specialty Trades and Multi-trade IDIQs

• **EURAFSWA site for posting solicitations**
  • [http://euro.neco.navy.mil](http://euro.neco.navy.mil) or [https://www.fbo.gov](https://www.fbo.gov)
<table>
<thead>
<tr>
<th>Location</th>
<th>Projects</th>
<th>Value</th>
<th>Projects</th>
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<th>Value</th>
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<td>GCC</td>
<td></td>
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<td></td>
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<td>Sigonella</td>
<td>4</td>
<td>$141M</td>
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<td>Souda Bay</td>
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<td>$4.4M</td>
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<td>$13M</td>
<td>1</td>
<td>$13M</td>
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<tr>
<td>Rota</td>
<td>2</td>
<td>$43.9M</td>
<td>3</td>
<td>$30M</td>
<td>2</td>
<td>$17M</td>
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<tr>
<td>Vicenza</td>
<td>6</td>
<td>$116M</td>
<td>3</td>
<td>$16M</td>
<td>2</td>
<td>$11M</td>
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<td>Romania</td>
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<td>-</td>
<td>2</td>
<td>$191M</td>
<td>2</td>
<td>$191M</td>
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<td>Poland</td>
<td>1</td>
<td>$51.2M</td>
<td>1</td>
<td>$169M</td>
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<tr>
<td>EUCOM Total</td>
<td>14</td>
<td>$356M</td>
<td>10</td>
<td>$419M</td>
<td>7</td>
<td>$232M</td>
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<td>AFRICOM</td>
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<td></td>
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<tr>
<td>Djibouti</td>
<td>2</td>
<td>$82.1M</td>
<td>13</td>
<td>$352M</td>
<td>9</td>
<td>$180M</td>
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<td>CENTCOM</td>
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<tr>
<td>Bahrain</td>
<td>5</td>
<td>$126M</td>
<td>6</td>
<td>$185M</td>
<td>5</td>
<td>$165M</td>
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### NAVFAC EURAFSWA Centrally Managed Programs

<table>
<thead>
<tr>
<th>FY</th>
<th>CNIC SPECIAL PROJECTS</th>
<th>MAJOR MAINTENANCE REPAIR PROGRAM (MMRP)</th>
<th>OTHERS (DLA, NAF, BUMED ETC…)</th>
<th>TOTAL DOLLAR VALUES</th>
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<tbody>
<tr>
<td>FY16</td>
<td>$56.0M</td>
<td>$2.7M</td>
<td>$10.2M</td>
<td>$68.9M</td>
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<tr>
<td>FY17</td>
<td>$9.6M</td>
<td>$6.2M</td>
<td>TBD</td>
<td>$15.8M</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$65.6M</td>
<td>$8.9M</td>
<td>$10.2M</td>
<td>$84.7M</td>
</tr>
</tbody>
</table>

**FY16 Pie Chart:**
- CNIC SPECIAL PROJECTS: 81%
  - MMRP: 15%
  - OTHERS: 4%

**FY17 Pie Chart:**
- CNIC SPECIAL PROJECTS: 61%
  - MMRP: 39%
  - OTHERS: 0%
Issues / Items for consideration

• Working for EURAFSWA
  • Must comply with U.S. and Host Nation Laws
    • Unified Facility Criteria – Design to US Standards
    • Host Nation Laws may require additional analysis/design requirements
    • Bahrain, Greece, Italy, Spain, Djibouti, etc.
  • May or may not require Host Nation consultant (Host Nation AE oversight)
  • Utilize locally available materials meeting appropriate standards and norms

• EURAFSWA site for posting solicitations
  • [http://euro.neco.navy.mil](http://euro.neco.navy.mil) or [https://www.fbo.gov](https://www.fbo.gov)
  • Proposals must be in English

• Technical Evaluation Factors (LPTA or BVSS)
  • Read requirements carefully – answer the question & address the requirements!
  • Safety Factor – “Different requirements than projects with the United States”

• We CANNOT do it without you!
  • Industry partners to execute the work.
NAVFAC EURAFSWA Contingency Engineering Business Line (CEBL) supports:

AFRICOM – Humanitarian Assistance (HA) / Counter Narcotics (CN)

- Currently executing 39 construction projects valued at $11.2M in 13 countries
  - Educational / medical facilities, water resource projects and community centers
  - Benin, Djibouti, DROC, Gabon, Kenya, Liberia, Mauritania, Rwanda, Sao Tome and Principe, Seychelles, Sierra Leone, Tanzania, Uganda

- 2 Funding Programs:
  - 37 Humanitarian Assistance, $9.4M
  - 2 Counter Narcotics and Terrorism, $1.75M
## AFRICOM – FY16

<table>
<thead>
<tr>
<th>Country</th>
<th>Project Title</th>
<th>Contract Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Djibouti</td>
<td>Galafi Clinic</td>
<td>$379,000</td>
</tr>
<tr>
<td>Djibouti</td>
<td>Kalaf Water Cistern Restoration</td>
<td>$12,000</td>
</tr>
<tr>
<td>Djibouti</td>
<td>Kontali Clinic</td>
<td>$225,000</td>
</tr>
<tr>
<td>Tanzania</td>
<td>Zizaki Secondary School</td>
<td>$242,500</td>
</tr>
<tr>
<td>Tanzania</td>
<td>Dima Primary School</td>
<td>$125,000</td>
</tr>
<tr>
<td>Uganda</td>
<td>Lopeii Valley School</td>
<td>$200,000</td>
</tr>
</tbody>
</table>

**6 Projects**

**$1,208,000**
**EURAFSWA Environmental – Roles and Responsibilities**

<table>
<thead>
<tr>
<th>NAVFAC</th>
<th>CNRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Serve as the Programming, Planning, Budgeting, and Execution System (PPBES) interface for Regional EV requirements</td>
<td>• Lead on all policy decisions and issues: Final Governing Standards (FGS), Overseas Environmental Baseline Guidance Document (OEBGD), Region Instructions, etc.</td>
</tr>
<tr>
<td>• Executing Program Manager for all Environmental (EV) special interest code(s) (SIC)</td>
<td>• Manages FGSs in designated countries: Spain, Italy, Greece, Bahrain, United Arab Emirates (UEA).</td>
</tr>
<tr>
<td>• Technical Support and Expertise for all Environmental Requirements (Compliance, Services, and Ashore Planning) to REGCOM and ICOs including host nation/EUCOM (for N40)</td>
<td>• Navy On-Scene Coordinator (NOSC) duties per the occupational health and safety (OHS) Plans</td>
</tr>
<tr>
<td>• Environmental Management System (EMS) Oversight</td>
<td>• Environmental Security Program (EUCOM, AFRICOM, CENTCOM)</td>
</tr>
<tr>
<td>• Community Management and Succession Planning/Staffing for EV at Installation Public Work Departments (PWD)</td>
<td>• Navy representative on EUCOM Environmental Principals Working Group</td>
</tr>
<tr>
<td>• Compliance Programming and Planning</td>
<td>• Operational/Fleet EV Planning: Forward Deployed Naval Forces (FDNF); Aegis Ashore; At-Sea Training.</td>
</tr>
</tbody>
</table>

**NAVFAC and CNRE Coordinate with each other on many EV related items**
NAVFAC EURAFSWA Environmental Services

- Environmental Planning
- Management Plans (UST/AST/Hazardous Waste, etc.)
- HW Disposal for Installation activities
- FGS Updates
- Spill Drills
- EV Mgt Plans (asbestos, HW, Solid Waste, NR/CR, etc.)
- Required inspections (HW, HM, tanks, fuels, etc.)

- Examples of current Environmental Contracts
  - Environmental Used Oil Recycling – Camp Lemonnier, Djibouti
  - Environmental Lab Services – Italy
  - Environmental Final Governing Standards (FGS) Services
  - Oil & Hazardous Substance Incident Response & Training Services – Bahrain & UAE
Energy Management and Utilities:
- Major Maintenance (MMRP) valued at approx $8M (annually)
- eSRM projects valued at approximately $3M-14M (annually)
- ECIP projects valued at approximately $8M (annually)

Facility Support Contracts (FSC) / Base Operating Support (BOS) Contracts

ESPC (Energy Savings Performance Contracts)
- 3rd Party investment with guarantee from ESCO (Siemens) on energy savings
- Siemens currently performing Investment Grade Audits for energy savings opportunities
- No capital investment from Navy except for planning and PM/CM cost
- Typically demand savings projects such as lighting, HVAC, and solar-thermal

Where to find Opportunities
Energy Program Strategy

• **Awareness**
  – Regional Energy Plan
  – Robust Building Energy Manager
    – (BEM) program
  – Quarterly Regional Energy Council
  – Energy Biggest Loser
  – Energy Action Month

• **Renewable/Sustainability**
  – Pursuing purchase of renewable power in Italy by the Renewable Energy Program Office (REPO)
  – Smaller renewable projects in place
  – Energy Savings Performance Contract (ESPC)

• **Investment & Technology**
  – Conservation: Energy Sustainment Restoration Modernization (eSRM) projects, Energy Conservation Improvement Plan (ECIP), Energy Support Budget
  – Leveraging audits and building data to develop generic Energy Conservation Measures (ECMs) which can be applied to like buildings
  – Concentrating on CLDJ (highest energy user/intensity and most expensive): Advanced Metering Infrastructure (AMI), generator consolidation, HVAC

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![Graph showing energy savings over years with baseline and goal settings.](chart.png)
• Work across the EURAFSWA Area of Operation continue!

  – AFRICOM AOR
    • Camp Lemonnier, Djibouti
      – OCO funding for FY17
    • Various locations across Africa
      – Airfields
      – Contingency Engineering supported efforts

• Budgets and Funding – Smaller and Limited
  – Opportunities are closely linked to new mission…and available!
Questions

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Aeroporto Capodichino, 80144 Napoli

EURAFSWA site for posting solicitations:
• http://euro.neco.navy.mil or https://www.fbo.gov/
Mission:
Provide premier engineering, construction, stability operations, and environmental management products and services to the Army, Air Force, other US Government Agencies, and foreign governments throughout the US European Command and US Africa Command areas of responsibility.

Major Mission Lines:
- Major Construction (MILCON)
- Installation Support & USAREUR Support Contract (OMA)
- International and Interagency Support
- Environmental
- Foreign Military Sales
Europe District Offices

District HQ – Wiesbaden
Special Projects RO (AFRICOM/EUCOM)

Central Area Office
BENELUX – Belgium RO
Ramstein RO
Spangdalem PO
Kaiserslautern RO
Baumholder PO
Sembach PO
Germersheim PO
Stuttgart RO

Hessen Area Office
Wiesbaden RO
CIC PO

Poland MDA Resident Office

Romania MDA Resident Office
NSA Deveselu

Bavaria Area Office
Grafenwoehr RO
Ansbach RO
Hohenfels PO
Garmisch PO

Kosovo USC Office
ACO (Camp Bondsteel)
ACO (MK FOS, RO)

Mediterranean Area Office
Italy RO (Vicenza)
Aviano PO
Turkey RO (TUSEG, Incirlik AB)
Site K PO (Malatya, Turkey)
Caucasus PO (Tbilisi, Georgia)
Bulgaria PO (Novo Selo FOS)

Israel Area Office
North RO (Herziliya)
Haifa PO
Central RO (Tel Aviv)
South RO (Beersheva)

ROBMC (Hospital) Area Office
(future FY 16)

• 400+ employees
• 25% Local Nationals
• 30 field offices in 9 countries
Our Partners

- **Armed Forces**
  - U.S. European Command
  - U.S. Africa Command
  - U.S. Army, Europe
  - Installation Management Command - Europe
  - U.S. Air Forces, Europe/Air Forces Africa
  - U.S. Army, Africa
  - Special Operations Command, Europe
  - Special Operations Command, Africa
  - U.S. Navy Region, EURAFSWA

- **Department of Defense Agencies**
  - Missile Defense Agency
  - Department of Defense Medical
  - Department of Defense Dependent Schools
  - Defense Commissary Agency
  - Defense Logistics Agency
  - Army and Air Force Exchange Service

- **Other Governmental Agencies**
  - U.S. Department of State
  - Millennium Challenge Corporation
  - Government of Israel (Ministry of Defense – MOD)
Major Programs

- MILCON
  - Department of Defense – Medical (DoDM)
    - Hospital Replacement – FY12-21
  - Department of Defense Dependent Schools (DoDDS)
    - 21st Century Schools Across the EUCOM AOR – FY12-18
  - Missile Defense Agency (MDA)
  - European Reassurance Initiative (ERI)
  - European Infrastructure Consolidated Study (EIC)
  - Military Construction Air Force (MCAF)

- Family Housing
  - Army Family Housing (AFH)
    - Army Townhouse Initiative
      - Baumholder / Wiesbaden – FY10-16

- Foreign Military Sales (FMS) - Israel
Major Programs

continued

- Operations and Maintenance
  - Operations and Maintenance Army (OMA)
  - Environmental

- Other Programs
  - EUCOM / AFRICOM
    - Exercise Related Construction, Humanitarian Assistance, and Counter-Narco Terrorism
  - Family and Morale, Welfare and Recreation Command (FMWRC)
Europe and Africa Unique Operating Conditions

- **Germany**
  - ABG75 Agreement and Implementing Instructions
  - Work through ‘Bauamts’ (state construction agents)
  - Contracts with Unit Pricing
  - Estimated Basis Contracting
  - Limited Design-build ability
  - Europe District initiatives to modify and influence change

- **Belgium**
  - Current agreements interpreted differently by U.S. and Belgium
  - Every new project requires a separate project execution procedure
  - Additional Host Nation coordination and processing fee

- **Israel**
  - Foreign Military Funding (FMF)
  - Restricted to U.S. Firms Only
  - 51% of non-exempt content must be U.S.

- **Italy**
  - Construction and repair projects require Mixed Commission notification or approval
  - Additional contract certifications are required by Italian law (S.O.A)
  - Contractors must pass Anti-Mafia screening

- **Turkey**
  - Projects, material list, and building permit must be approved by Turkish government
  - Turkish material and construction firms must be used for all construction (adds time and cost)
  - Quality of construction is a challenge for QA oversight
  - Low cost of Turkish labor limits our S&A income

- **Romania, Bulgaria, Poland**
  - SOFA Supplemental
  - Defense Cooperation Agreements
  - Implementing Arrangements

- **Africa**
  - Austere Environment
  - Limited SOFA and Defense Cooperation Agreements (DCAs)
  - Absent SOFA and DCAs, diplomatic notes to cover status of personnel, contractors, tax and customs privileges must be secured
  - Construction Quality and Safety is a Challenge
  - Under Developed Transportation Network
  - Force Protection challenges especially in FPCON “Charlie” countries
### TOTAL PROGRAM FY12 – FY18

**MILCON, OMA, SFO, USC, and FMS**

<table>
<thead>
<tr>
<th>Year</th>
<th>MILCON</th>
<th>OMA</th>
<th>SFO</th>
<th>USC</th>
<th>ERI (15-17)</th>
<th>FMS</th>
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<tbody>
<tr>
<td>2012</td>
<td>$564M</td>
<td>$163M</td>
<td>$37M</td>
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<tr>
<td>2013</td>
<td>$366M</td>
<td>$112M</td>
<td>$70M</td>
<td>$55M</td>
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<td>$80M</td>
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<td>2014</td>
<td>$388M</td>
<td>$90M</td>
<td>$69M</td>
<td>$60M</td>
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<td>$74M</td>
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<tr>
<td>2015</td>
<td>$237M</td>
<td>$125M</td>
<td>$45M</td>
<td>$50M</td>
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<td>$176M</td>
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<td>2016</td>
<td>$511M</td>
<td>$75M</td>
<td>$45M</td>
<td>$50M</td>
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<td>$150M</td>
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<tr>
<td>2017</td>
<td>$555M</td>
<td>$75M</td>
<td>$45M</td>
<td>$5M</td>
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<td>$100M</td>
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<tr>
<td>2018</td>
<td>$718M</td>
<td>$75M</td>
<td>$45M</td>
<td>$0M</td>
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<td>$100M</td>
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</table>

**MILCON** – Military Construction (includes EIC in FY17-18)
**ERI** – European Reassurance Initiative
**OMA** – Operations & Maintenance, Army
**SFO** – Support For Others
**USC** – USAREUR Support Contract
**FMS** – Foreign Military Sales
Acquisition Methodology

- **Direct Contracting (IAW FAR, DFARS, AFARS, etc.)**
  - Construction
    - Multiple Award Task Order Contracts (MATOC)
    - Design Build / Design-Bid-Build
    - Job Order Contracts (JOC)
    - Indefinite Delivery Indefinite Quantity (IDIQ)
  - Architect-Engineer (A-E) Services
    - Master Planning
    - Design
    - Environmental
    - Title II Services (Quality Assurance QA)
  - Services
    - Total Maintenance Contract (TMC)

- **Indirect Contracting (IAW ABG75 Agreement/Implementing Instructions)**
  - Must work through local ‘Bauamts’ (regional construction agents)
  - Award to Host Nation (German Gov’t – Bauamt)
## AFRICOM Support

**USACE/IEC Projects By Geographical Regions**

**As of 10 Mar 2016**

<table>
<thead>
<tr>
<th>REGIONS</th>
<th>TOTAL</th>
<th>PRE-AWARD</th>
<th>CONST</th>
<th>BOD</th>
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<tr>
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<tr>
<td>Western</td>
<td>52</td>
<td>33</td>
<td>18</td>
<td>1</td>
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<tr>
<td>Central</td>
<td>8</td>
<td>7</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Northern</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Southern</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>75</strong></td>
<td><strong>41</strong></td>
<td><strong>31</strong></td>
<td><strong>1</strong></td>
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</tbody>
</table>

*Countries with IEC Projects*
AFRICOM Support
Theater Security Cooperation (TSC) & Theater Security Assistance (TSA) Programs

- Humanitarian Assistance (HA)
- Exercise Related Construction (ERC)
- Special Operations Command Africa (SOCAFRICA)
- Counter-Narcotics and Trafficking (CNT)
- Foreign Military Sales (FMS)
- 2282 Train and Equip
- US Army Africa (USARAF)
- US Air Force Africa (USAFAF)
- Millennium Challenge Corporation (MCC)
- Partnership for Regional East Africa Counterterrorism (PREACT)
- African Peacekeeping Rapid Response Program
- Disaster Preparedness Program (Post OUA Transition)
<table>
<thead>
<tr>
<th>Program</th>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
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</thead>
<tbody>
<tr>
<td></td>
<td># projects</td>
<td>As Awarded</td>
<td># projects</td>
<td>As Awarded</td>
</tr>
<tr>
<td>Humanitarian Assistance Other (HAO)</td>
<td>8</td>
<td>$2,454,000</td>
<td>3</td>
<td>$1,223,135</td>
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<tr>
<td>FMS/Global Train &amp; Equip (GT&amp;E 1206/2282-CTPF)</td>
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<td>$1,211,000</td>
<td>7</td>
<td>$3,188,302</td>
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<td>Partnership for Regional East African Counter Terrorism (PREACT)</td>
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<td>$0</td>
<td>0</td>
<td>$0</td>
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<tr>
<td>Disaster Preparedness Program (Post OUA Transition)</td>
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<td>$0</td>
<td>0</td>
<td>$0</td>
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<tr>
<td>Counter Narcotics (CNT)</td>
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<td>$0</td>
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<td>USAFAF</td>
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<td>$4,938,714</td>
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<tr>
<td>African Peacekeeping Rapid Response Partnership (APRRP)</td>
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<td>$0</td>
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<tr>
<td>Exercise Related Construction (ERC) – SOCAF/JSOTF/USARAF</td>
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<td>$1,524,000</td>
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<td>$525,000</td>
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<tr>
<td>Millennium Challenge Corporation (MCC) – Design Only</td>
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<td>$0</td>
<td>5</td>
<td>$6,197,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td><strong>$8,158,000</strong></td>
<td><strong>17</strong></td>
<td><strong>$16,072,151</strong></td>
</tr>
</tbody>
</table>
USACE Africa MATOCS By Countries

- West 1: Chad, Cameroon, Nigeria, Benin, Togo, Ghana, Burkina Faso, Sierra Leone, Liberia
- West 2: Senegal, Gambia, Cote D’Ivoire, Cape Verde, Niger, Mali, Guinea Bissau, and Guinea
- North: Morocco, Tunisia, Algeria, Libya, Sudan (Khartoum) Mauritanian.
- East: Tanzania, Burundi, Rwanda, Uganda, Kenya, Somalia, Djibouti, Eritrea, and South Sudan
District Commander: COL Matthew Tyler - x2700
Deputy District Engineer: Mr. John L. Adams - x2799
Chief Programs Branch: Mr. Lalit Wadhwa - x2500
Chief Contracting Division: Ms Rachael Raposa - x2600

For more information about Europe District, visit our web site: http://www.nau.usace.army.mil
USAFE / AFAFRICA

AFAFRICA
Civil Engineer Update

OVERALL BRIEFING CLASSIFICATION: UNCLASSIFIED

Col Aaron Benson
HQ USAFE-AFAFRICA/A4C
Agenda

- USAFE-AFAFRICA Transformation
- A4C – AF Installation & Mission Spt Center (AFIMSC) Transition
- AFAFRICA Humanitarian Assistance (HA) Construction
- AFAFRICA Construction
- Challenges
- Questions
USAFE-AFAFRICA Transformation

1990’s

Supported 1 COCOM

Four Separate Staffs
- HQ USAFE
- 3 AF
- 16 AF
- 17 AF

Forces
- 25 Main operating bases (MOBs)
- AF Personnel ~ 72,000
- Aircraft Squadrons: 34
- Number of Aircraft: 805

Mission Tempo
- 10 Major Combat Operations
- Zero Africa forward basing
- Russian Deterrence/Counterforce
- NATO Interoperability

Focus: Balkans, Russia, CENTCOM

Today

Supporting 2 COCOMs

One Integrated Staff
- HQ USAFE-AFAFRICA
- 3 AF, 17 EAF
- 16 AF (Inactive)

Forces
- 6 MOBs (76% reduction)
- AF Personnel ~ 32,000 (60% reduction)
- Aircraft Squadrons: 10 (74% reduction)
- Number of Aircraft: ~200 (75% reduction)

Mission Tempo
- 13 Major Combat Operations
- 4 African Forward Operating Locations – Multiple ISR Combat Air Patrols
- Levant, New Normal Operations, BMD
- NATO Ops, Papa HAW, Baltic Air Policing, Theater Security Cooperation, Building Partnership Capacity

Focus: Russia, Levant, Baltics, N. Africa, N.W. Africa, CENTCOM

Forward. Ready. Now!
Air Force Installation & Mission Support Center activated Aug 14
  • HQ AFIMSC at JB San Antonio w/ 10 Detachments world-wide

AFIMSC Det 4 located at Ramstein AB activated May 15
  • In-Garrison installation support (MILCON, FSRM)
  • Infrastructure Ops, Basing (EIC), Housing, Emergency Services

USAFE-AFAFRICA/A4C Retained Responsibilities
  • Deliberate, adaptive, exercise planning support
  • Expeditionary beddown, site surveys, pvmt evals, & sustainment
  • Manage NATO, HN, & GeoReach programs
  • Develop/manage ERI, ERC, HA programs
  • Nuclear Accident/Incident / Response Task Force (NAI/RTF)
  • Posture/source USAFE Engr forces for world-wide deployment
USAFE-AFAFRICA/A4C
Civil Engineer Division

A4C
Civil Engineer
39 – 12/16/9/2

A4C Deputy
1 – 1/0/0/0

A4CP
Future Plans
11 - 2/0/0/0

A4CPG
GeoReach
0/0/3/0

A4CPR
Plans/Reqmts
2/0/3/2

A4CO
Current Operations
20 - 5/13/2/0

A4COC
Operations
4/9/1/0

A4COE
Emergency Svs
0/3/1/0

A4CW
UK Regional Engineers
2 - 2/0/0/0

A4CX
Contingency Support
4 - 1/3/0/0

Total - Officer/Enlisted/US Civilian/LN Civilian
On-Going/Planned Construction Projects Cost (K) Funded
South Africa
- $260K School
- 65% constructed
- $330K School
  - Funded
- $350K School
  - Funded
Lome, Togo
- $318K Clinic
  - 51% constructed
AFAFRICA Other Construction

Agadez, Niger (AB201)
- $4.9M Runway Mill/Overlay
  - FY14 O&M; ECD: Mar 16
- AB201 Beddown
  - $50M FY16 MILCON
  - $31M FY16 O&M
  - ECD: Dec 17

Niamey AB, Niger
- $2.5M DFAC
  - FY16 O&M ($240K const cost)
  - RLB construction

N’Djamena, Chad
- Possible future AF mission

Chabelley AB, Djibouti
- $7.6M Perimeter Fence
  - FY15 MILCON
  - ECD: Feb 17
- $3.5M Improve Road
  - FY17 MILCON
- $6.9M Pave Apron/Twy
  - FY17 MILCON

Arba Minch, Ethiopia
- Closed Dec 15

On-Going/Planned Construction

<table>
<thead>
<tr>
<th>Projects</th>
<th>Cost (M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>O&amp;M</td>
<td>3</td>
</tr>
<tr>
<td>MILCON</td>
<td>4</td>
</tr>
</tbody>
</table>

Manda Bay, Kenya
- Possible future AF mission

Gaborone, Botswana
- Possible future AF mission

Douala, Cameroon
- Possible future AF mission

Established Location

Future Location

Closed Location
Agadez (AB201) Timeline

- **Future**
  - Apr 16: RDD CRG/Prime BEEF Forces & Start Temp LSA Build (45 days)
  - Jun 16: RED HORSE ADVON Arrives
  - Oct 13: TASKORD, Agadez airfield scalable ISR/transient C-130/C-17
  - Dec 15: FY16 Appropriations Bill Signed
  - May 15: AFAF is notified that AFRICOM cannot source LSA assets creating $9M deficit

- **Historic**
  - Aug 16: ESD Airfield const
  - Jul 16: ECD Hangar 1 (IOC = 4 RPAs)
  - Jul 16: RH Main Body Arrives & RDD for RH Eqpmt
  - Mar 16: ECD North Rwy

**Dates and Events**
- 31 Dec 17: FOC
- MILCON Execution
- \( \text{MOD 3 (develop Agadez-S & 250 “BOG” +/- 25)} \)
Agadez (AB201) Layout

Design Status: ~40% complete overall (3/11 designs 100% complete)
Challenges

- AFIMSC Transition
- HN Approvals, Access, and Coordination
- WRM Shortages (i.e., expeditionary aircraft shelters, AM-2 matting)
Questions