"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."
MISSION LINES

MILCON
– Military Construction Army (MCA)
– Military Construction Air Force (MCAF)
– Department of Defense – Medical (DoDM)
– Department of Defense Education Activity – MILCON
– Missile Defense Program
– Army Family Housing (AFH)

Operations and Maintenance
– Operations and Maintenance Army & Air Force (OMA & OMAF)
– Environmental (Army & Air Force)

International and Interagency Support
– Foreign Military Sales (FMS) – Israel
– Family and Morale, Welfare and Recreation Command (FMWRC)
– DeCA / AAFES
– EUCOM / AFRICOM Support (USAID, MCC, Humanitarian Assistance, etc.)
PARTNERS

Armed Forces
► U.S. European Command
► U.S. Africa Command
► U.S. Army Europe
► Installation Management Command - Europe
► U.S. Air Forces in Europe/Air Forces in 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 Education Activity-Europe
► 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)
### MILCON PROGRAM – EUROPE DISTRICT AOR
#### (DESIGN & CONSTRUCTION)

<table>
<thead>
<tr>
<th>MILCON Project Phase</th>
<th>Program Amount ($M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>$3,715</td>
</tr>
<tr>
<td>Construction</td>
<td>$1,051</td>
</tr>
<tr>
<td>Total</td>
<td>$4,766</td>
</tr>
</tbody>
</table>

#### Military Construction (MILCON)
- Missile Defense Agency (MDA)
- Rhine Ordnance Barracks Medical Center (ROBMC)
- European Deterrence Initiative (EDI)
- European Infrastructure Consolidation (EIC)
- Department of Defense Education Activity (DoDEA)
- MILCON Army (MCA)
- MILCON Air Force (MCAF)
- DoD Medical (DODM)
- Special Operations Command (SOCOM)
- NATO Security Infrastructure Program (NSIP)
- Army Family housing (AFH)
- Other:
  - DLA
  - DISA
  - Unspecified Minor MILCON (UMMCA)
  - Energy Conservation Investment Program (ECIP)

Total MILCON Program $4,766 M
MILCON PROGRAM - EUROPE DISTRICT AOR
(MILCON DESIGN & CONSTRUCTION PROJECT LOCATIONS)

- NORWAY $44M
- BELGIUM $60M
- LUXEMBOURG $67M
- GEILENKIRCHEN AFB $28M
- USAG WIESBADEN $352M
- SPANGDAHLEM AFB $514M
- USAG RHINELAND-PFALZ $352M
- RAMSTEIN AFB $2,156M
- USAG STUTTGART $138M
- USAG BAVARIA $207M
- ESTONIA $45M
- LATVIA $15M
- LITHUANIA $16M
- POLAND * $712M
- SLOVAKIA $151M
- HUNGARY $61M
- ROMANIA $96M
- BULGARIA $19M
- TURKEY $79M

* Poland Program numbers include NSIP (1 Project @ $200M)

MILCON Workload by Country ($000)

<table>
<thead>
<tr>
<th>Country</th>
<th>Workload</th>
</tr>
</thead>
<tbody>
<tr>
<td>GERMANY</td>
<td>712,170</td>
</tr>
<tr>
<td>POLAND</td>
<td>151,400</td>
</tr>
<tr>
<td>SLOVAKIA</td>
<td>45,180</td>
</tr>
<tr>
<td>ROMANIA</td>
<td>95,800</td>
</tr>
<tr>
<td>TURKEY</td>
<td>78,782</td>
</tr>
<tr>
<td>LUXEMBOURG</td>
<td>61,400</td>
</tr>
<tr>
<td>HUNGARY</td>
<td>59,981</td>
</tr>
<tr>
<td>BELGIUM</td>
<td>45,180</td>
</tr>
<tr>
<td>ESTONIA</td>
<td>44,000</td>
</tr>
<tr>
<td>NORWAY</td>
<td>19,200</td>
</tr>
<tr>
<td>BULGARIA</td>
<td>16,120</td>
</tr>
<tr>
<td>LITHUANIA</td>
<td>14,560</td>
</tr>
<tr>
<td>LATVIA</td>
<td>0</td>
</tr>
</tbody>
</table>
FY 15-21 EDI Program (USACE Managed)

Total Army, Air Force, SOCEUR Program
$1,787.86M
FY15–20 FSRM $103.39M
FY15–20 MILCON $1684.47M
Total NSIP Program
FY19 NSIP €199.42M

Poland
$734.66M
FSRM $26.36
MILCON $708.30M
FY19 NSIP €199.42M

Luxembourg
$67.40M
FSRM $0
MILCON $67.40M

Germany
$288.75
FSRM $3.55M
MILCON $285.20M

Slovakia
$151.40M
FSRM $0
MILCON $151.40M

Slovenia
$1.00M
FSRM $1.00M
MILCON $0

Hungary
$60.70M
FSRM $0
MILCON $60.70M

Norway
$168.99M
FSRM $0M
MILCON $168.99M

Estonia
$67.39M
FSRM $16.13M
MILCON $51.26M

Latvia
$11.45M
FSRM $0
MILCON $11.45M

Lithuania
$17.89M
FSRM $4.00M
MILCON $13.89M

Bulgaria
$25.35M
FSRM $13.98M
MILCON $11.37M

Romania
$238.88M
FSRM $38.36M
MILCON $200.52M

Barth
$288.75
FSRM $3.55M
MILCON $285.20M

Poland
$734.66M
FSRM $26.36
MILCON $708.30M
FY19 NSIP €199.42M

Total

US Army Corps of Engineers
U.S. Army
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

• Romania, Bulgaria, Poland, Estonia, Latvia, Lithuania
  – 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
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
  - Preventative Maintenance Contract (PMC)

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

### Military Construction & O&M

**EUCOM**
- 1 Humanitarian Assistance Project $0-1M, Croatia 19
- 1 Counter Narcotics Project $0-1M, Croatia 19
- 2 Counter Narcotics Projects $1-5M, Macedonia 19
- 1 Foreign Military Sales $0-1M, Macedonia 19
- 1 Humanitarian Assistance Projects $0-1M, Latvia 19
- 1 Humanitarian Assistance Project $0-1M, Serbia 19
- 1 Foreign Military Sales $1-5M, Azerbaijan 19
- 1 Humanitarian Assistance $0-1M, Azerbaijan 19
- 3 Foreign Military Sales Project $1-5M, Ukraine 19

**AFRICOM**
- 4 Humanitarian Assistance Project $1-5M, Benin 19
- 1 Global Peace Operations Initiative $0-1M, Malawi 19
- 2 Building Partner Capacity Program Projects $0-1M, Chad 19
- 1 Building Partner Capacity Program Project $0-1M, Cameroon 19
- 1 Counter Narcotics Project $0-1M, Togo 19
- 1 Humanitarian Assistance Project $0-1M, Senegal 19
- 1 Counter Narcotics Project $0-1M, Senegal 19
# PROJECTED DIRECT CONTRACTING

## Military Construction

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost Range</th>
<th>Location</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controlled Humidity Warehouse</td>
<td>$10-25M</td>
<td>Wiesbaden</td>
<td>19</td>
</tr>
<tr>
<td>Army Prepositioned Stocks (APS) Maintenance Complex</td>
<td>$100-250M</td>
<td>Poland</td>
<td>19</td>
</tr>
<tr>
<td>Rail Extension and Railhead</td>
<td>$10-25M</td>
<td>Poland</td>
<td>19</td>
</tr>
<tr>
<td>Explosive &amp; Ammo Loading/Unloading Apron</td>
<td>$10-25M</td>
<td>Romania</td>
<td>19</td>
</tr>
<tr>
<td>Bulk Fuel Storage</td>
<td>$5-10M</td>
<td>Estonia</td>
<td>19</td>
</tr>
<tr>
<td>POL Capacity Phase 2</td>
<td>$1-5M</td>
<td>Estonia</td>
<td>19</td>
</tr>
<tr>
<td>Replace Perimeter Fence,</td>
<td>$5-10M</td>
<td>Turkey</td>
<td>19</td>
</tr>
</tbody>
</table>
## PROJECTED DIRECT CONTRACTING

**Military Construction – Cont’d**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Cost Range</th>
<th>Location</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construct Parallel Taxiway</td>
<td>$25-100M</td>
<td>Hungary</td>
<td>20</td>
</tr>
<tr>
<td>Construct Airfield Upgrades parking</td>
<td>$10-25M</td>
<td>Hungary</td>
<td>20</td>
</tr>
<tr>
<td>POL - Increase Capacity</td>
<td>$10-25M</td>
<td>Hungary</td>
<td>20</td>
</tr>
<tr>
<td>Repair and Expand Quick Reaction Alert Pad</td>
<td>$5-10M</td>
<td>Norway</td>
<td>20</td>
</tr>
<tr>
<td>Ammunition Storage</td>
<td>$25-100M</td>
<td>Poland</td>
<td>20</td>
</tr>
<tr>
<td>Ammunition Holding Area</td>
<td>$1-5M</td>
<td>Bulgaria</td>
<td>20</td>
</tr>
<tr>
<td>Tactical Fighter Aircraft Parking Apron</td>
<td>$5-10M</td>
<td>Estonia</td>
<td>20</td>
</tr>
<tr>
<td>POL - Increase Capacity</td>
<td>$10-25M</td>
<td>Slovakia</td>
<td>19</td>
</tr>
<tr>
<td>Airfield Upgrades</td>
<td>$1-5M</td>
<td>Slovakia</td>
<td>19</td>
</tr>
<tr>
<td>Airfield Upgrades</td>
<td>$10-25M</td>
<td>Slovakia</td>
<td>19</td>
</tr>
<tr>
<td>Munitions Storage Area</td>
<td>$25-100M</td>
<td>Slovakia</td>
<td>19</td>
</tr>
<tr>
<td>Construct Taxiway</td>
<td>$10-25M</td>
<td>Norway</td>
<td>19</td>
</tr>
</tbody>
</table>
## PROJECTED DIRECT CONTRACTING

### Israel Contracts

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Contract Method</th>
<th>Magnitude</th>
<th>FY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Munitions Storage Area</td>
<td>C-Type</td>
<td>$10M-$25M</td>
<td>19</td>
</tr>
<tr>
<td>HAS #5</td>
<td>C-Type</td>
<td>$25M-$100M</td>
<td>20</td>
</tr>
<tr>
<td>Complex Material Workshop &amp; Repair Hangar</td>
<td>C-Type</td>
<td>$10M-$25M</td>
<td>20</td>
</tr>
<tr>
<td>Infantry Base</td>
<td>C-Type</td>
<td>$100-250M</td>
<td>20</td>
</tr>
<tr>
<td>Kitchen</td>
<td>MATOC</td>
<td>$1M-$5M</td>
<td>19</td>
</tr>
<tr>
<td>Elevator Shaft</td>
<td>MATOC</td>
<td>$1M-$5M</td>
<td>19</td>
</tr>
<tr>
<td>Squad Facility</td>
<td>MATOC</td>
<td>$1M-$10M</td>
<td>19</td>
</tr>
</tbody>
</table>
PROJECTED DIRECT CONTRACTING

- Environmental Contracts
  - DLA Energy Fuels RMMR - Portugal $ 0-1M 19
  - Environmental Remediation MATOC Belgium, Netherlands, Italy $ 1-5M 19
  - ITAM Erosion Control MATOC - Germany $ 10-50M 19
## PROJECTED DIRECT CONTRACTING

### Base Contracts

- Israel North DBB MATOC $10-50M 19
- Israel South DBB MATOC $10-50M 19
- Israel FCL DB/DBB MATOC $10-50M 19
- Israel DB MATOC $10-50M 19
- Turkey JOC $10-30M 19
- Facility Clearance MATOC
  - Germany, Belgium, Netherlands $10-50M 19
- Italy JOC $10-50M 19
- Italy DoDEA Preventative Maintenance with Ancillary Services $10-50M 19
- Poland JOC $10-50M 19
- ATFP SATOC $10-50M 19
- Albania/Kosovo MATOC $10-50M 19
- Poland MATOC $100-250M 19
- Poland MATOC $10-50M 19
PROJECTED DIRECT CONTRACTING

- A/E Base Contracts
  - Planning IDC – EUCOM (shared capacity) $ 50-100M 2019
  - GIS Mapping IDC – EUCOM (shared capacity) $ 10-50M 2019
  - General AE - Norway/Denmark $ 10-50M 2019
PROJECTED INDIRECT CONTRACTING

DoD Medical
- Medical Center Replacement $990M ROB 12-20
- Medical/Dental Clinic $25-50M Geilenkirchen 20

Army Military Construction
- Vehicle Maintenance Shop $25-50M Grafenwoehr 19
- Dining Facility $10-25M Garmisch 19
- Commissary $25-50M Stuttgart 19
- Training Aid Center $25-50M Grafenwoehr 19
- Construct New Admin Bldg $10-25M Wiesbaden 19
- Hazardous Material Storage $1-5M Wiesbaden 19
- Mission Training Complex $25-50M Grafenwoehr 19
- Family Housing Improvements $25-100M Baumholder 20
- Family Housing New Construction $10-25M Vilseck 20
PROJECTED INDIRECT CONTRACTING

U.S. Air Force Europe

- Family Housing MGMT Facility $5-10M Ramstein 20
- 37 AS Squad Ops/AMU $10-25M Ramstein 20
- F/A-22 Upgrade Infrastructure/Comm/Util $10-25M Spangdahlem 21
- Upgrade Hardened Aircraft Shelters $1-5M Spangdahlem 21
- Underfloor Hydrant Fueling, Ramp 1 $10-25M Ramstein 22
- Two-Bay Wide-Body Tanker Aircraft Hangar $25-100M Ramstein 22
- Site Development and Infrastructure $25-100M Spangdahlem 22
- MC130J / CV22 Airfield Pavements $25-100M Spangdahlem 22
- MC130 Hangar / AMU / Storage $25-100M Spangdahlem 22
- 3-Bay CV-22 Hangar / AMU / Storage $25-100M Spangdahlem 22
- 2-Bay Maintenance Support Hangar $25-100M Spangdahlem 22
- MC130J / CV22 Simulator Complex $10-25M Spangdahlem 22
- Parachute Drying Tower $1-10M Spangdahlem 22
- MC130J / C22 Squadron Operations Cmplx $10-25M Spangdahlem 22
Department of Defense Schools

- Spangdahlem ES $25-100M  Spangdahlem 20
- Sembach ES $25-100M  Sembach 20
- DODEA West DSO $10-25M  Chievres 21
- Clay Kaserne ES $25-100M  Wiesbaden 22
- Kaiserslautern MS $25-100M  Kaiserslautern 22
- Robinson ES $25-100M  Stuttgart 22
CHALLENGES

Uncertainty of MILCON Appropriations
  – Budget Impacts

Unique Business Requirements
  – Host Nation Relationships
    o Germany, Italy, Belgium, Turkey, Romania, Bulgaria, Poland, Estonia, Latvia, Lithuania, Slovakia, Norway, Luxembourg, Hungary, Israel, etc.

Cost of Doing Business Overseas
  – Exchange Rate Impact
District Commander: COL John K. Baker - x2700
Deputy District Engineer: Mr. John L. Adams - x2702
Chief Programs Branch: Mr. Lalit Wadhwa - x2500
Contracting Division: Contact Contracting officer

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