U.S. ARMY CORPS OF ENGINEERS EUROPE DISTRICT

Society of American Military Engineers Briefing

January 2024





Spangdahlem Medical Clinic, Germany



EUROPE DISTRICT – MISSION LINES

MILCON

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

Operations and Maintenance

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

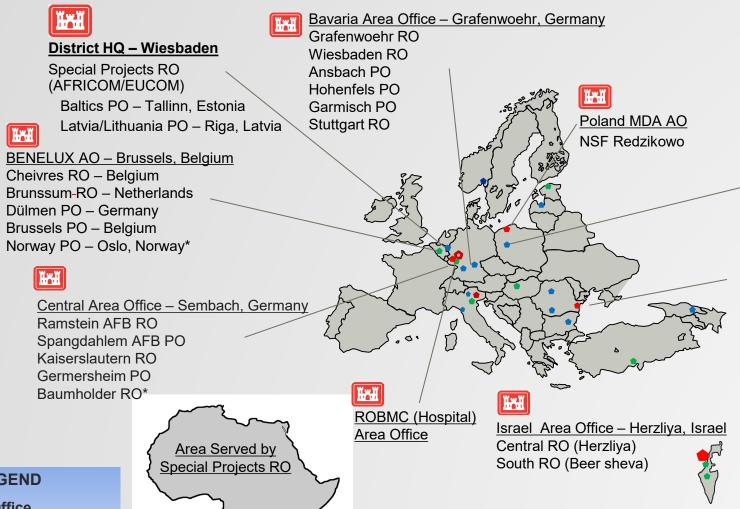
International and Interagency Support

- ► Foreign Military Financing (FMF) Israel, Poland
- ► NATO Security Investment Program (NSIP)
- ► Family and Morale, Welfare and Recreation Command (FMWRC)
- ► Non-Appropriated Funds (NAF) Army Lodging
- ▶ DeCA / AAFES
- ► EUCOM / AFRICOM Support (Humanitarian Assistance, Section 333, EXBC, etc.)





EUROPE DISTRICT MISSION AREA



- •500+ employees
- •20% Local Nationals
- •30+ field offices in 14 countries

HHH

Northern Europe Area Office (Poznan, Poland)

Powidz RO – Powidz, Poland Hungary PO - Budapest*

Southern Europe Area Office (Vicenza, Italy)

Romania RO – Mihail Kogălniceanu (MK)

Câmpia Turzii PO - Romania

NSTA PO - Bulgaria

Mediterranean RO - Vicenza, Italy

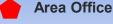
Aviano PO - Italy

Livorno PO - Italy

The U.S. Engineer Group Turkey (USEG)- Incirlik AB

Caucasus PO - Tbilisi, Georgia

LEGEND



RO: Resident Office

PO: Project Office

*Planned



USACE – TOTAL PROGRAM EUROPE DISTRICT AOR

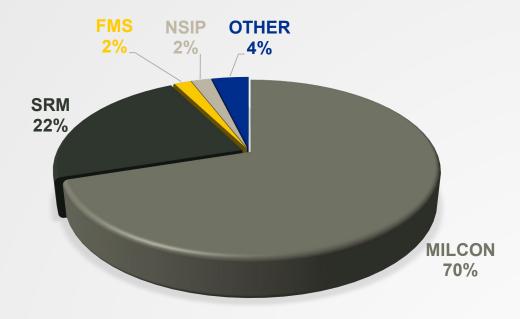
(DESIGN & CONSTRUCTION)

Funds Source	Program Amount (\$M)
MILCON	\$7,079
SRM	\$2,277
FMS	\$174
NSIP	\$207
OTHER	\$383
Total	\$10,120

TOTAL PROGRAM

- MILTARY CONSTRUCTION (MILCON)
- SUSTAINMENT, RESTORATION, & MODERNIZATION (SRM)
- FOREIGN MILITARY FINANCING (FMF)
- NATO SECURITY INVESTMENT PROGRAM (NSIP)
- OTHERS
 - DIRECT SUPPORT TO EUCOM & AFRICOM
 - ENVIRONMENTAL
 - REAL ESTATE
 - NON-APPROPRIATED FUNDS
 - PLANNING
 - HOST NATION SUPPORT

TOTAL PROGRAM PROFILE



TOTAL PROGRAM: \$10,120 M



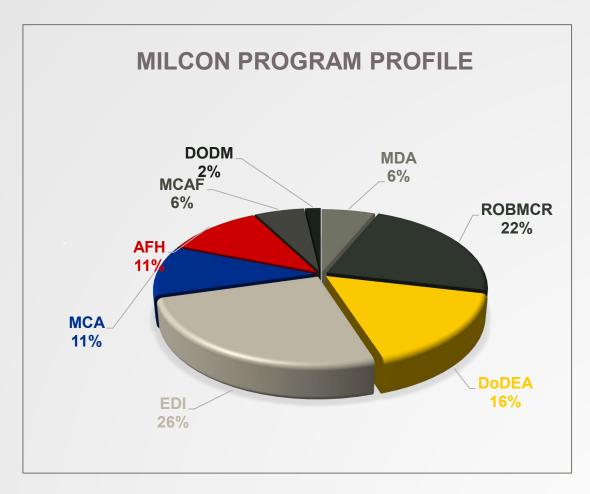
MILCON ONLY PROGRAM - USACE AOR

(DESIGN & CONSTRUCTION)

Project Phase	Program Amount (\$M)
Design	\$3,851
Construction	\$3,229
Total	\$7,080

Military Construction (MILCON)

- Missile Defense Agency (MDA)
- Rhine Ordnance Barracks Medical Center (ROBMC-DHA)
- European Deterrence Initiative (EDI)
- European Infrastructure Consolidation (EIC)
- Department of Defense Education Activity (DoDEA)
- MILCON Army (MCA)
- MILCON Air Force (MCAF)
- DoD Medical (DODM)
- Army Family housing (AFH)
- · Other:
 - Defense Logistics Agency (DLA)
 - Defense Information Systems Agency (DISA)
 - Unspecified Minor MILCON (UMMCA)
 - Energy Conservation Investment Program (ECIP)
 - Special Operations Command (SOCOM)
 - Marine Forces Europe and Africa (MARFOREUR/AF)



Total MILCON Program \$7,080 M



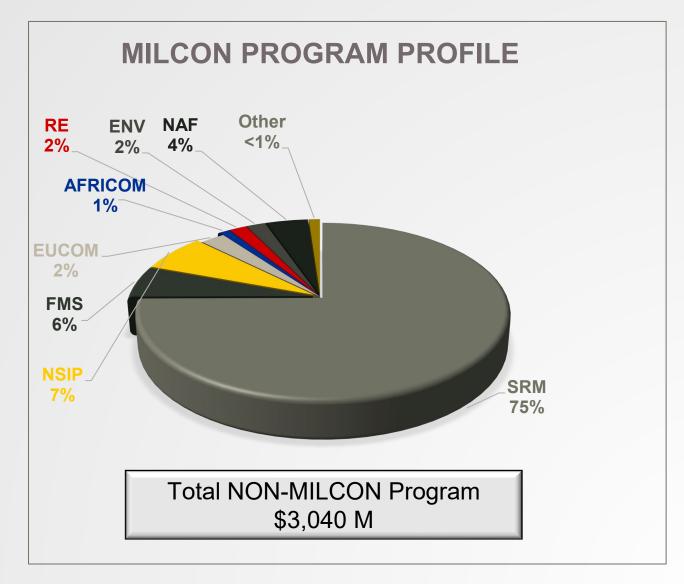
NON-MILCON PROGRAM - USACE AOR

(DESIGN & CONSTRUCTION)

Funds Source	Program Amount (\$M)
SRM	\$2,276.9
FMS	\$174
NSIP	\$207
OTHER	\$370.76
Total	\$3,040

Non-MILCON Programs

- SUSTAIMENT, RESTORATION, & MODIFICIATION (SRM)
- NATO SECURITY INVESTMENT PROGRAM (NSIP)
- FOREIGN MILITARY FINANCING (FMF)
- DIRECT SUPPORT TO EUCOM & AFRICOM
- ENVIRONMENTAL (ENV)
- REAL ESTATE (RE)
- NON-APPROPRIATED FUNDS (NAF)
- OTHER
 - HOST NATION SUPPORT
 - MISCELLANEOUS MISSION SUPPORT





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.
- Israeli content limited to exempt items

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

Denmark, Czech Republic, Sweden, Finland

Pending Country Agreements

Turkey

- Construction and Design Projects, material lists, and building permits must be approved by Turkish government
- Turkey recently implemented a unilateral determination that all Construction and AE Design firms must have full corporate registration in Turkey. This implementation is effected by refusing to grant installation access to all non-Turkish contractors. The U.S. strongly disagrees with this policy, however, has had limited success in reversing it.
- The Turkish Government insists on primarily Turkish-sourced material for all construction. This can increase time and cost if material is not readily available in Turkey.
- Quality of construction and/or poor QC can be a challenge for USACE QA oversight

Romania, Bulgaria, Poland, Estonia, Latvia, Lithuania, Hungary, Norway, Slovakia

- All have some form of country agreements; however, each is different:
 - SOFA Supplemental
 - Defense Cooperation Agreements
 - Implementing Arrangements

Africa

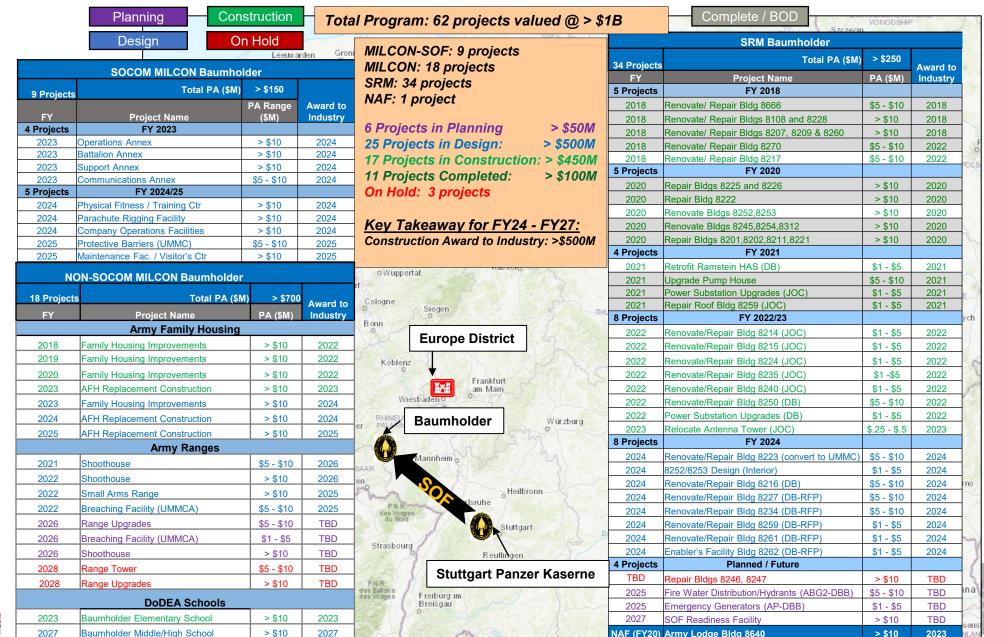
- Austere Environment
- Limited SOFA and Defense Cooperation Agreements (DCAs)
- Absent SOFA and DCAs, diplomatic notes to cover status of personnel, contractors, tax and customs privileges must be secured
- Construction Quality and Safety is a Challenge
- Underdeveloped Transportation Network
- Force Protection challenges especially in FPCON "Charlie" countries

RHINE ORDNANCE BARRACKS MEDICAL CENTER REPLACEMENT – CAMPUS LAYOUT





Baumholder / SOF-to-BH: Project Overview



NAF (FY20) Army Lodge Bldg 8640



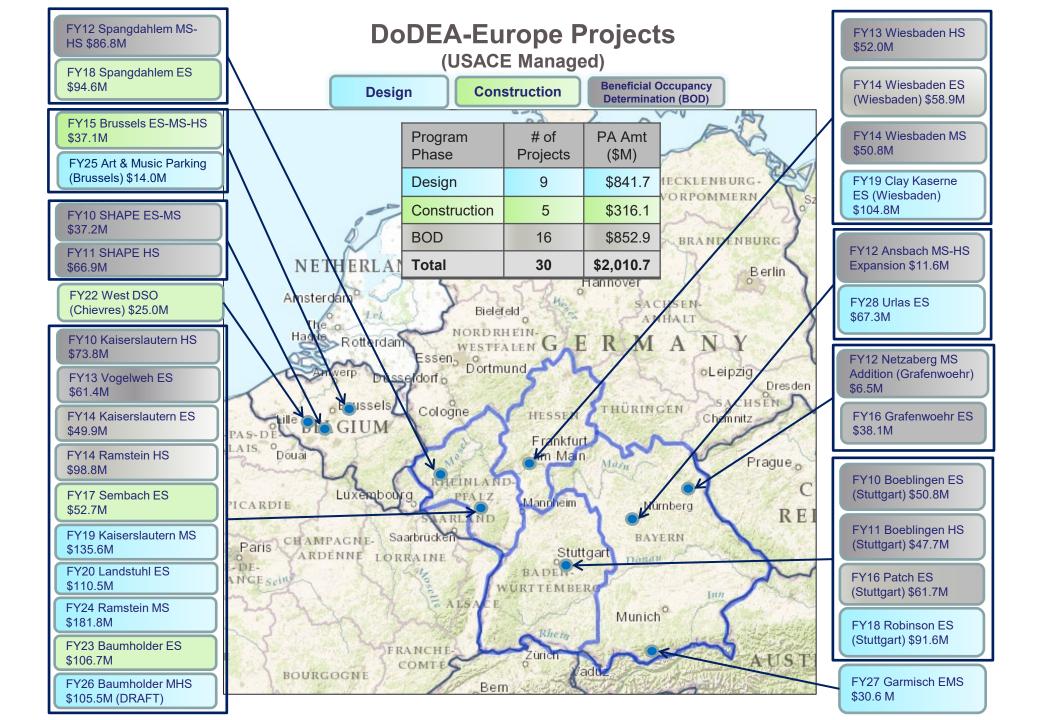
> \$10

2023

2027

Baumholder Middle/High School

2027





ISRAEL FMF PROGRAM

The Israel FMF Program is significant and relevant, supporting U.S. foreign policy and regional security goals by enabling Israel to improve their defense capabilities, work toward common security goals while continuing cooperative bilateral military relationships, and enhancing interoperability with U.S. Forces. USACE projects span from military facilities to infrastructure.

Typical Projects

- Support of F35i (Hardened Aircraft Shelters, Airfields/Runways, Fueling Stations, Squadron Ops, Training Facilities, Simulators)
- · Ammunition Storage
- Barracks
- Command and Control Facilities
- Complete new bases (Air Defense Base, Brigade)
- Missile Defense Program (Iron Dome, David's Sling (Arrow), Ballistic Missile Defense (BMD))
- Intelligence Facilities
- Military Port Expansion
- Pier construction
- Underwater Surveillance Projects

Execution

- Over \$1.8B in signed Letters of Offer and Acceptance (LOAs) since 2001
- \$100M average annual program awards.
- Estimating FY24 awards valued at approximately \$140M:
 - a. Design: 4 projects approx. \$30M
 - b. Construction: 2 projects approx.\$110M

F35i Program

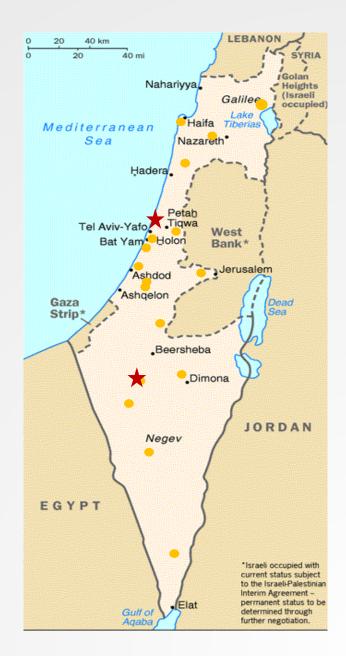
- Over \$400M awarded
- Phased delivery through 2024

KC46 Bed down

Over \$100M planned 2024-2026

CH53K Bed down

Over \$250M planned 2024-2026





FY24+ IDIQ BASE CONTRACTS A/E, PLANNING, MAPPING, ENV (BEST VALUE)

General A/E

Environmental

	I LAMMINO, MAI I III	<u> </u>		IAVE	
	Geographical Area / Purpose (*FY24		Sources		
IDIQ Tool	start/FY25 award)	Amount / Term	Sought (MMM YY)	Soliciation (MMM YY)	Award (MMM YY)
MATOC	Bridge-General AE Services MILCON	\$95M / 2 Years	APR 23	FEB 24	MAY 24
MATOC	Bridge-General AE Services Non MILCON	\$95M / 2 Years	'APR 23	FEB 24	MAY 24
MATOC	General AE: DE, BENELUX, PO,CZ, NO, DK - MILCON	\$248.4 / 5 Years	APR 23	MAR 24	OCT 24
MATOC	General AE: DE, BENELUX, PO,CZ, NO, DK - Non MILCON	\$248.4 / 5 Years	APR 23	MAR 24	OCT 24
MATOC	Planning (EUCOM-wide)	\$95M / 5 Years	MAR 23	NOV 23	JUL 24
MATOC	Mapping (EUCOM-wide)	\$50M / 5 Years	MAR 23	DEC 23	JUL 24
MATOC	Commissioning (EUCOM-wide)	\$15M / 5 Years	APR 23	DEC 23	APR 24
MATOC	General AE: Turkey	\$9M / 5 Years	FEB 22	JUL 22	DEC 23 (A)
MATOC	General AE: Africa	\$9M / 5 Years	MAY 22	SEP 22	NOV 23 (A)
MATOC	ITAM Erosion Control	\$40M / 5 Years	MAR 24	MAY 24	SEP 24
MATOC	Eastern Europe Compliance	\$15M / 5 Years	JAN 24	APR 24	JUL 24
MATOC	Western Europe Compliance	\$40M / 5 Years	DEC 23	APR 24	SEP 24
MATOC	DLA SRM	\$29M / 5 Years	JAN 23	JUN 23	DEC 23
MATOC	Remediation MATOC	\$45M / 5 Years	AUG23	JAN 24	MAY 24



USACE EUROPE DISTRICT A/E TORN FORECAST

	US Army Corps of Engineers Europe District						
	Task Order Requirements Notice Forecast, Januray 2024						
ID	Project Title	Location	Service Type	Projected Award (FY22 Quarter)			
AE-24-0001	OM-Utility Upgrades for Contingency Ops Near B1152	Clay Kaserne	Design	FY24 Q3			
AE-24-0007	FY27 PN 97800 Army Family Housing Junior NCO-Enlisted RB PH4	Vilseck	Design	FY24 Q3			
AE-24-0008	Interior Design, B3340	Clay Kaserne	Design	FY24 Q3			
AE-24-0016	Mechanical Electrical Report and Recommendation Building 1500	Clay Kaserne	Design	FY24 Q3			
AE-24-0020	Zutendaal IEP USAG BE	Belgium	Planning	FY24 Q3			
AE-24-0039	Bldg Water Study USAG BV	Tower Barracks	Planning	FY24 Q3			
AE-24-0042	USAREUR-AF Theater Plan for CLS III and V		Planning	FY24 Q3			
AE-24-0043	USAREUR-AF 7-ADPs		Planning	FY24 Q3			
AE-24-0044	Repair Water Damages, Bldg 8083	Baumholder	Design	FY24 Q3			
AE-24-0049	Renovate B4007	Mainz Kastel	Design	FY24 Q3			
AE-24-0052	NSTA, Repair Utility Vaults per Survey	Bulgaria	Design	FY24 Q3			
AE-24-0058	Legionella Study Phase II	LRMC	Design	FY24 Q3			
AE-24-0069	Repairs to the Post Office B5817	Ansbach	Design	FY24 Q3			
AE-24-0072	Repair UPH Barracks (B. 216 & 260)	ROB	Design	FY24 Q3			
	Crestview Right Size B7006 & B7008	Wiesbaden	Design	FY24 Q4			
	1) This list is projected, for information only, and subject to cha any of the listed projects.	nge. As of the publica	ation date, NAU i	is not obligated to award of			
NOTES:	2) No firm is expected to receive a TORN for every potential pro each potential project.	oject listed. NAU will	determine which	n firms receive TORNs for			
	3) NAU will not reply to requests for information about this list.						



Construction

FY24+ IDIQ BASE CONTRACTS CONSTRUCTION (BEST VALUE)

#	IDIQ Tool	Geographical Area / Purpose (*FY24 start/FY25 award)	Amount / Term	Sources Sought (MMM YY)	Soliciation (MMM YY)	Award (MMM YY)
1	JOC	Italy	\$50M / 5 Years	JAN 23	JAN 24	MAY 25
2	JOC	Poland	\$35M / 5 Years	MAR 23	JAN 24	MAY 25
3	JOC	Bavaria, Germany	\$95M / 5 Years	JUL 23	JAN 24	MAY 25
4	JOC	Baden-Wurttemberg, Germany	\$30M / 5 Years	JUL 23	JAN 24	MAY 25
5	JOC	Hessen, Germany	\$75M / 5 Years	JUL 23	JAN 24	MAY 25
6	JOC	Rheinland-Pfalz, Germany	\$80M / 5 Years	JUL 23	JAN 24	MAY 25
7	JOC	BENELUX (Belgium, Netherlands, Luxembourg)	\$30M / 5 Years	JUL 23	JAN 24	MAY 25
8	MATOC	Poland	\$98M / 5 Years	MAR 23	SEP 23	MAY 25
9	MATOC	Israel Pre-Fab Elements	\$50M / 5 Years	FEB 24	APR 24	SEP 24
10	MATOC	Germany / Benelux	\$495M / 5 Years	NOV 23	APR 24	DEC 24



(MILITARY CONSTRUCTION – EDI)

Project Title	Est Contract \$	Location	Est Fiscal Year Award
Airfield Upgrades - Kecskemet Parallel Taxiway – Kecskemet Increase POL Capacity - Kecskemet	\$5-\$20M \$10-\$40M \$10-\$40M	Hungary Hungary Hungary	2024 2024 2024
	A		
Perimeter Fence – Rygge	\$5-\$10M	Norway	2024
Beddown Site Prep - Rygge	\$5-\$10M	Norway	2025
DABS- Rygge	\$25-\$100M	Norway	2025
Expand MSA – Rygge Quick React Alert Fac – Rygge	\$25-\$50M \$25-\$100M	Norway Norway	2025 2026
Increase POL Capacity - Kuchnya / Malacky	\$10-\$40M	Slovakia	2025
Airfield Upgrades - Kuchnya / Malacky	\$1-\$5M	Slovakia	2025
Munitions Storage Area - Kuchnya / Malacky	\$25-\$100M	Slovakia	2025
Explosives/Ammo Load/Unload Apron - MK	\$20-\$50M	Romania	2024



(MILITARY CONSTRUCTION – MCA, SOF TO BH, DODEA, VARIOUS)

Project Title	Est Contract \$	Location	Est Fiscal Year Awd
Intl. School – Belgium School - SHAPE	\$10 - \$15M	Belgium	2024
Family Housing Replacement Const Baumholder	\$25-\$100M	Germany	2024
Operations Annex - Baumholder	\$10-\$25M	Germany	2024
Support Annex – Baumholder	\$10-\$25M	Germany	2024
Battalion Annex – Baumholder	\$10-\$25M	Germany	2024
Communications Annex - Baumholder	\$1-\$10M	Germany	2024
Joint Parachute Rigging Facility - Baumholder	\$10-\$25M	Germany	2024
Repair/Reno Dive Locker - Baumholder	\$10-\$25M	Germany	2024/25
Company Operations Facility - Baumholder	\$25-\$100M	Germany	2024
Perimeter Fence/Barriers – Baumholder	\$1-\$10M	Germany	2025
Family Housing Replacement Const Baumholder	\$25-\$100M	Germany	2025
New Family Housing - Chievres	\$25-\$100M	Belgium	2025
Satellite Fire Station - Spangdahlem	\$5-\$10M	Germany	2025
Smith Barracks UPH - Baumholder	\$25-\$100M	Germany	2025/26
Youth Center - SHAPE	\$25-\$100M	Belgium	2025/26
Military Working Dog Bldg – Mainz Kastel	\$5-\$10M	Germany	2025/26



(ISRAEL FMF CONTRACTS)

Project Title	Est Type	Est Contract \$	Est Awd Year
Ammunition Storage Facilities	C-Type	\$25M-\$100M	2024/25
CH53K Bed-down	C-Type	\$100M-\$250M	2025
Atlit HQ Building (INF)	MATOC	\$10M-\$25M	2025
KC46A Bed-down	C-Type	\$100M-\$250M	2024
Defense Systems Utilities	C-Type	\$100M-\$250M	2025
F-35 Beddown #2	C-Type	\$100M-\$250M	2025/26
TAMA 38	C-Type	\$100M-\$250M	2025/26



(EUCOM AOR)

Project Title	Est Contract \$	Location	Est Awd Year
1 Section 333 Project – Entry Control Point Improvement	\$1M-\$2.5M	Bulgaria	2024
1 Humanitarian Assistance Project – Maritime CCTC	\$0-\$1M	Croatia	2024
3x Humanitarian Assistance Project – School, Kindergarten, Home Care	\$0-\$1M	Estonia	2024
2x Humanitarian Assistance Projects – Nursing Home, Emergency Services Garage	\$0-\$1M	Latvia	2024
1 Humanitarian Assistance Projects - Fire and Rescue Station	\$0-\$1M	Lithuania	2024
3x Humanitarian Assistance Projects – Fire and Rescue Stations	\$0-\$1M	Armenia	2024
1 EXBS Project	\$1M-\$2.5M	Georgia	2024



(AFRICOM AOR)

Project Title	Est Contract \$	Location	Est Awd Year
2 Humanitarian Assistance Projects – school, and clinic	\$0-\$1M	South Africa	2024
2 Humanitarian Assistance Projects - schools	\$0-\$1M	Eswatini	2024
1 Humanitarian Assistance Project - clinic	\$0-\$1M	Botswana	2024
1 Humanitarian Assistance Project - hospital	\$0-\$1M	Liberia	2024
1 Humanitarian Assistance Project – perimeter fence	\$0-\$1M	Gabon	2024



PROJECTED INDIRECT CONTRACTS

(MILCON - DESIGN BID BUILD)

Project Title	Est Contract \$	Location	Est Awd Year
ORTC PH. 1.1A	\$100-\$250M	Grafenwoehr, Germany	2024/2025
ORTC PH. 1.2	\$25-\$100M	Grafenwoehr, Germany	2024/2025
ORTC PH. 1.1B	\$25-\$100M	Grafenwoehr, Germany	2024/2025
Bulk Storage Warehouse	\$1-\$10M	Germersheim, Germany	2024
Commissary	\$25-\$100M	Stuttgart, Germany	2024
Mission Training Complex	\$25-\$100M	Grafenwoehr, Germany	2024
Squad OPS/AMU	\$10-\$25M	Ramstein, Germany	2024/2025
Human Performance Training Center	\$10-\$25M	Baumholder, Germany	2024/2025
Unaccompanied Personnel Housing (Barracks)	\$25-\$100M	Ansbach, Germany	2025/2026
Low Observable/Component Repair Facility	\$10-\$25M	Spangdahlem, Germany	2025
Small Arms Range	\$10-\$25M	Baumholder, Germany	2025



PROJECTED INDIRECT CONTRACTS

(MILCON- DODEA - DESIGN BID BUILD)

Project Title	Est Contract \$	Location	Est Awd Year
Ramstein Middle School	\$100-\$250M	Ramstein, Germany	2024



CHALLENGES

- ➤ War in Ukraine, Israel/Gaza conflict, and uncertain Geopolitical/Security Environment in Europe/NATO
- ➤ Market Saturation and Interruption in Supply Chain
 - Industry in Central Europe is robust
 - Higher costs of design & construction
 - Lack of readily available subcontractors for some trades
 - Scarce & expensive raw materials
 - Logistics and shipping delays
 - High gas and fuel prices

> Inflation

- Rising costs and long-lead times for sourcing of raw materials
- Contractors unwilling to hold pricing for more than 60-90 days
- Unstable subcontractor pool and subcontractor pricing
- Managing to project budget
- Contractors' price proposals trending toward inclusion of added risk



CHALLENGES CONTINUED

- Uncertainty of MILCON Appropriation
 - Budget Impacts
- Uniqueness of Europe District AOR
 - Host Nation Relationships
 - Germany, Italy, Belgium, Turkey, Romania, Bulgaria, Poland, Estonia, Latvia, Lithuania, Slovakia, Norway, Luxembourg, Hungary, Israel, etc.
- Cost of Doing Business Overseas
 - Exchange rate impacted







ITEMS OF INTEREST

- Discussion and way forward on Artificial Intelligence (AI) tools for design and construction – Industry vs. Government Limitations
- Discussion and way forward on estimating design and construction costs addressing the current challenges
- Revision to EM 385-1-1 (Safety and Health Requirements Manual) will go into effect for all solicitation on or after 15 March of 2024. Available here: https://www.publications.usace.army.mil/



