Welcome to Current Engineer Operations: NATO Support and Procurement Agency

Moderator: Mark Albe, Arcadis

Speaker:
- Stuart Ruxton, Chief, Engineer Branch, Logistics Programmes & Operations Directorate, NATO Support and Procurement Agency
Current Engineering Operations

PREPARED FOR
Engineer Capabilities Workshop
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PRESENTED BY
Stuart RUXTON
Operational Logistics Planning and Support Program / Engineering Branch Chief
NSPA Organizational Design

NATO NORTH ATLANTIC COUNCIL (NAC)

NSPO AGENCY SUPERVISORY BOARD

NSPA GENERAL MANAGER

BUSINESS UNITS

CENTRAL EUROPE PIPELINE SYSTEM (CEPS)

NATO AIRLIFT MANAGEMENT (NAM)

LOGISTICS OPERATIONS

SUPPORT FUNCTIONS

- PROCUREMENT
- FINANCE
- HUMAN RESOURCES
- INFORMATION TECHNOLOGY

1,172 NATO International Civilians
Support to Operations

NSPA staff & Contractors

- Logistics Planning
- Contracting/ Mobilization
- Construction
- Service delivery & sustainment
- In-theatre management / oversight
- Billing/ accounting
- Demobilization
- Redeployment

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Support to Operations

Base Support Services
- Domestic Fire Services
- Laundry, Cleaning, Ablution & Wash Rack
- Pest (Vector) Control
- Pass & Permits, Security Vetting Services
- Mortuary Services
- Demining, Equipment Demilitarization (D3)
- Morale, Welfare & Recreation, Internet Svcs
- Vehicle Rental
- Translation

Catering Services
- Food and Bottled Water

Airfield Services
- Air Traffic Management, incl. CNS
- Medical Crash Crew (MCCS)
- Fire Crash Rescue Svcs (FCRS)
- Movement Control & Air Terminal (CATO)
- Aircraft Cross Servicing
- Airfield Equipment & Vehicle Maintenance
- Transport, Supply & Billeting
- METEO and Safety Management Office (SMO)
Support to Operations

Engineering Services

- Power Generation & Distribution
- Water Treatment and Distribution
- Waste (Solid, Liquid & Hazard) Disposal
- Camp Facilities Maintenance
- Medical Facilities Maintenance
- Facilities, Roads and Grounds Maintenance
- Aircraft Op Surfaces & Aircraft Grounds Maintenance

Fuel Services

- Bulk Fuel Delivery (Purchase, Transfer, Store, Delivery)
- Quality Control
- Retail Fuel Operations
- Flight Line Refueling
- BFI O&M
- Fuel Movement and Sales Administration
- Norwegian Fuel Management Project
NSPA Infrastructure Capability

- Infrastructure projects in support of NATO missions and national infrastructure requirements

- Multiple engineering areas of expertise:
  - Force protection / hardened structures
  - Airfield infrastructure
  - Medical facilities
  - Camp facilities & Utilities
NSPA Infrastructure Capability

Experience
Wide range of customer nations and funding processes

COMBINED WITH
NSPA flexible procurement regulations
Access to 28 nations’ A&Es and construction contractors

NSIP = 28 Nations
Common Funding

National Funding

Multi-National Funding

Trust Funds

NATO Agency supporting NATO Nations

ACO / JFC
Brunssum / JFC
Naples

CSTC-A / USFOR-A

GBR / DEU / ESP / ITA

EUCOM / USAFE / USAREUR / USNAEUR

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NSPA Infrastructure Capability

Planning / Design Phase

- Master planning support and Feasibility studies
- 30% up to 100% design
- Bill of Quantities and Cost estimates
- Technical specifications
- Support in tender preparation / evaluation
- Specialist advice to customer

Construction Phase

- Topographical measurements
- Geological testing: Soil / foundation / materials
- Horizontal and vertical works
- Tier 1 to Tier 3 construction
- Contractor monitoring & Quality assurance
- Testing, commissioning and hand over
Force Protection Structures

**Force protection; Base Perimeter; Buildings**
- Blast assessment studies / design
- Construction of blast resistant perimeter structures and guard towers
- Construct new ECP’s

**Hardened Buildings**
- Blast resistant permanent structures
- IAW defined threat level
Medical Facilities
Camp / Base Utilities

Camp Facilities & Maintenance

- Sewage treatment plants (up to 30k users)
- Sewer networks
- Water extraction and treatment plants
- Water storage and distribution grids
- Solid waste incineration plant
- Fuel storage and dispensing facilities
- Power stations and distribution grids
Where We Are Currently Working

NATO UNCLASSIFIED

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European Construction Projects - ERI

**LOCATION: Rukla Training Area**
CUSTOMER: USAREUR
SERVICES:
- Construction: Ranges, Maintenance and Storage Facilities

**LOCATION: Adazi Training Area, Latvia**
CUSTOMER: USAREUR
SERVICES:
- Construction: Ranges, Maintenance and Storage Facilities

**LOCATION: Siauliai Airfield, Lithuania**
CUSTOMER: USAFE
SERVICES:
- Construction: Hangars, Aprons, storage facilities, MSA and roads

**LOCATION: Lielvarde Airfield, Latvia**
CUSTOMER: USAREUR & USAFE
SERVICES:
- Construction: Accommodation, Storage Facilities, MSA and Roads

**LOCATION: Pabrade Training Area**
CUSTOMER: USAREUR
SERVICES:
- Construction: Ranges, Maintenance and Storage Facilities

**LOCATION: Mumaiciai Training Area, Lithuania**
CUSTOMER: USAREUR
SERVICES:
- Construction: Maintenance facilities and roads
European Construction Projects

CFR Vehicle Shelter/Sun Screen

Fire Station Water Reservoir

Rotary Wing DOB and Clamshell

Naval Refueling Pier with Fire Suppression Control Bldg & Refurbishment
European Construction Projects

SAC Permanent Facilities at Pápa Air Base – Hungary

PAPA airbase NATO C17 Hangar Complex – Hungary

Lielvarde Airfield Reconstruction – Latvia

Sigonela Airbase – Temporary AGS Facility - Italy
SOC Deployable/Mobile Engineering

To NATO (NSIP) and Nations - Assist Customer Requirements - Design / Engineering / Integration - Assets acquisition / procurement - Inspection, Acceptance & Delivery -

CAMPS ACQUISITION

Warranty Management - Contracted maintenance - Spare Parts / New acquisitions - Contracted Training - Reverse Engineering -

CONTRACTED SUPPORT

SOC

OPERATIONAL SUPPORT
- To NATO ACO & Nations
  - Train the Trainers
  - Exercises planning
  - Camp configuration
  - Camp deployment & Assembly
  - Deployed Support
  - Camp tear down / redeployment

WAREHOUSE LOGISTICS MAINTENANCE
- Reconditioning
  - Warehousing & logistics
  - 1st level Maintenance
  - 2nd level Maintenance
  - Readiness preparation

Capellen, Luxembourg  Taranto, Italy

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Funding (NATO NSIP):
• 2.2 MEUR (small – 1 x 100 person camp)
• 7.5 MEUR (medium - 2 x 200 person camps)
• 140 MEUR (large – 4 x 500 person camps)

Tasking:
• ALL INCLUSIVE CAMPS
• Tented and Containerized Facilities, R1+ MTF, Utilities, Power
• Fuel, Vehicles, Handling Equipment, Helipads
• Heating, Venting, Cooling / Electrical Power production and distribution
• AWTS (Ablution and Water treatment System), Laundry, etc
• 30-days NTM - Facilities for missions up to 2 years
• 95% completed and handed over

Partially deployed in support of TRIDENT JUNCTURE EX15
Funding (NATO NSIP)
- 157M EUR

Tasking:
- Define and acquire 9x300 person camps in support of Deployable NRF and RAP
  More rapidly deployable and operational effectiveness than CP156
  Light, modular, flexible, sustainable, interoperable,
  5 days NTM, C-130 air-transportable
  Collective Protection COLPRO for essential operations
  Austere conditions with no Host Nation Support

Scope/Status:
- Tented and Containerized Facilities, Utilities, Vehicles, Power, Fuel, FP.
- Much Faster deployment and erection than CP156
- Currently refining camps design and preparing TBCEs – OCT16
- NATO approval expected FEB17
- ONGOING - IOC estimated end 2018
Luxembourgish Villages for Refugees

- 4 sites of containerized housing
- Sleeping accommodations
- Kitchen, Dinning, leisure areas
- Classrooms, Offices for social workers, medical, other
- 600 people per site
- Building and long term maintenance
- First site completed,
Follow-on-Support - Deployable Assets

Contracted Support

After assets delivery….

- Assets Maintenance & Repairs services
- Provision of spare parts
- Support to exercises
- Transport and *on-road* assistance
- Training and certification

In peacetime location, during transit, and on exercises / operations
Future Focus

Supporting Deployed Operations

• Increasing programme of work in Afghanistan, Kosovo and Iraq:
  • Force protection structures
  • Refurbishment of airfield pavements and facilities
  • Upgrading utilities
  • Accommodations
• Delivery of Deployable Camp Facilities

Supporting Requirements in Europe

• Continuing delivery of ERI projects for the USA
• Delivering commonly funded RAP facilities (Forward Storage and RSOM)
• Assisting nations with the delivery of infrastructure in support of Enhanced Forward Presence
• Delivery of core infrastructure in support of the Allied Ground Surveillance (AGS) capability
Questions