

Air Force Civil Engineer Center



AFCEC Opportunities and Capabilities

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Director, Operations
27 July 2017

Battle Ready ... Built Right!



AFCEC Overview



- **Hot Topics/Trends**
- **Asset Management**
- **AFCEC Contract Toolbox**
- **Facility Engineering & Construction Programs**
- **Industrial Control Systems**
- **Civil Engineer Maintenance Inspection and Repair Team (CEMIRT)**



Hot Topics/Trends



- **Requirements Development**
- **Mission Assurance / Energy Resiliency**
- **Sustainability, Resiliency, and Adaptability**
- **Using Technology to Solve Problems**
- **Working with Industry and Academia**
- **Industrial Control Systems**
- **Asset Management**

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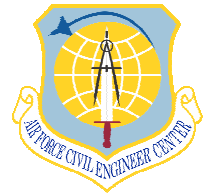
Air Force CE Asset Management



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Overview



- **Facility Condition Assessments (FCAs) Not New Concept**
- **Why Do Asset Management**
- **Asset Management Definition**
- **Asset Management Process**
- **Asset Management – Considerations Today**
- **OSD Mandate**
- **Sustainment Management / Why It Matters**
- **What AFCEC CO Is Doing**
- **How The Data Is Used / Collected**
- **Contract Efforts**



FCAs Not New



- Air Force Regulation (AFR) 85-1 in 1982 required facility assessments by CE personnel

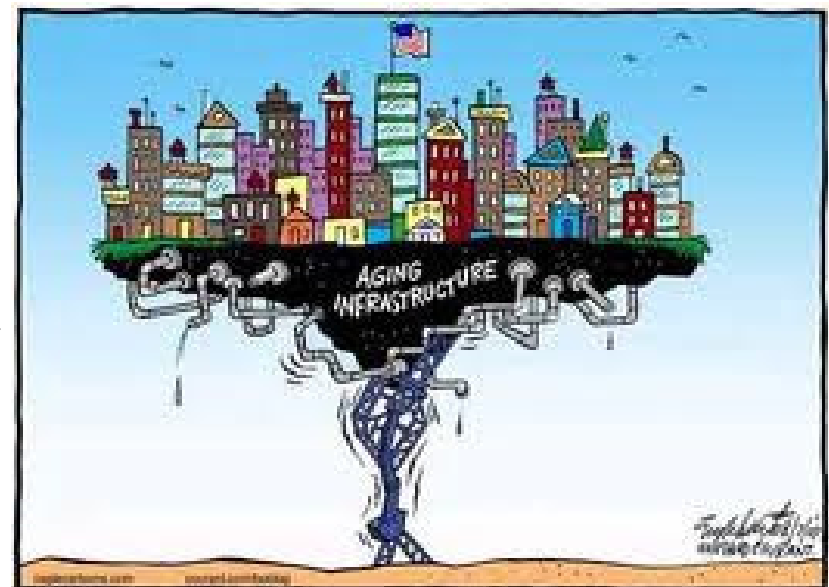
Type of Facility	Minimum Frequency
Wood Trusses	
a. Wood trusses—public assembly	6 months
b. Other wood trusses.	1 year
Airfield pavements	1 year
Heating and gas distribution	1 year
Petroleum, oil, and lubricants (POL) systems	2 years
Exterior electrical distribution	2 years
Electrical power generation plants	2 years
Water supply, sewage, and industrial waste systems.	2 years
Air-conditioning and refrigeration systems	2 years
Railroads	3 years
Other pavements	3 years
Buildings and structures	3 years
Cathodic protection system	3 years
MFH	Change of occupancy
MFH exterior surveys.	Change of occupancy
Built-up roofs	3 years



Asset Management Why?



- We as Engineers could never adequately predict failure and tell / sell the story
- Fiscal reality dictates a new approach
- Too many in our business have been far too cavalier with our limited resources and assumed risk in infrastructure over time
- The result ...
 - Everything looks good on the surface.....
 - Our mission is held up by our aging assets





Asset Management Definition



Definition: The expertise and processes required to integrate enterprise-wide asset investment decisions using factors including: mission impact, facility condition, safety deficiencies, quality-of-life, AF Common Output Levels of Standards (AFCOLS), strategic policy directives, laws, Executive Orders, etc.

Why:

- Improves planning, programming, cost estimating
- Reduces lifecycle costs
- Supports the use of data collected to scope requirements and make resource decisions
- Leverages funding opportunities to address the right requirements at the right time
- “Extends” limited budget to support other needs



Asset Management Process



- **Data driven resourcing decisions means requirements driven by:**
 - **Mission requirements**
 - **Plans**
 - **Condition / Functionality**
 - **Risk**

“Develop sustainable installations by implementing asset management principles for built and natural assets”



Asset Management Considerations today...



- **Program funding significantly reduced... limiting funds for redundant/excess assets**
- **Consider multiple Courses of Action (COAs) that provide needed infrastructure for mission requirements**
 - **Assess Risk to mission...what is acceptable**
 - **Assess Lifecycle and cost impacts**
 - **Apply space management to efforts**
 - **Use Sustainment Management System (SMS) data/reports and Installation Development Plan (IDP) to support requirements and COA development**





Asset Management Considerations today...

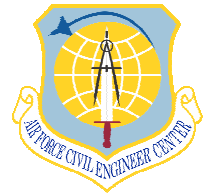


- **Mission changes & drawdown have resulted in excess infrastructure across the enterprise**
- **Examples of how COAs could address redundant or excess assets:**
 - **Redundant secondary runways may be limited to repairs supporting fewer “passes”**
 - **Use space utilization studies to consolidate functions and demo excess facilities**
 - **Degraded ramp space in excess of authorized mission requirement may be abandoned**





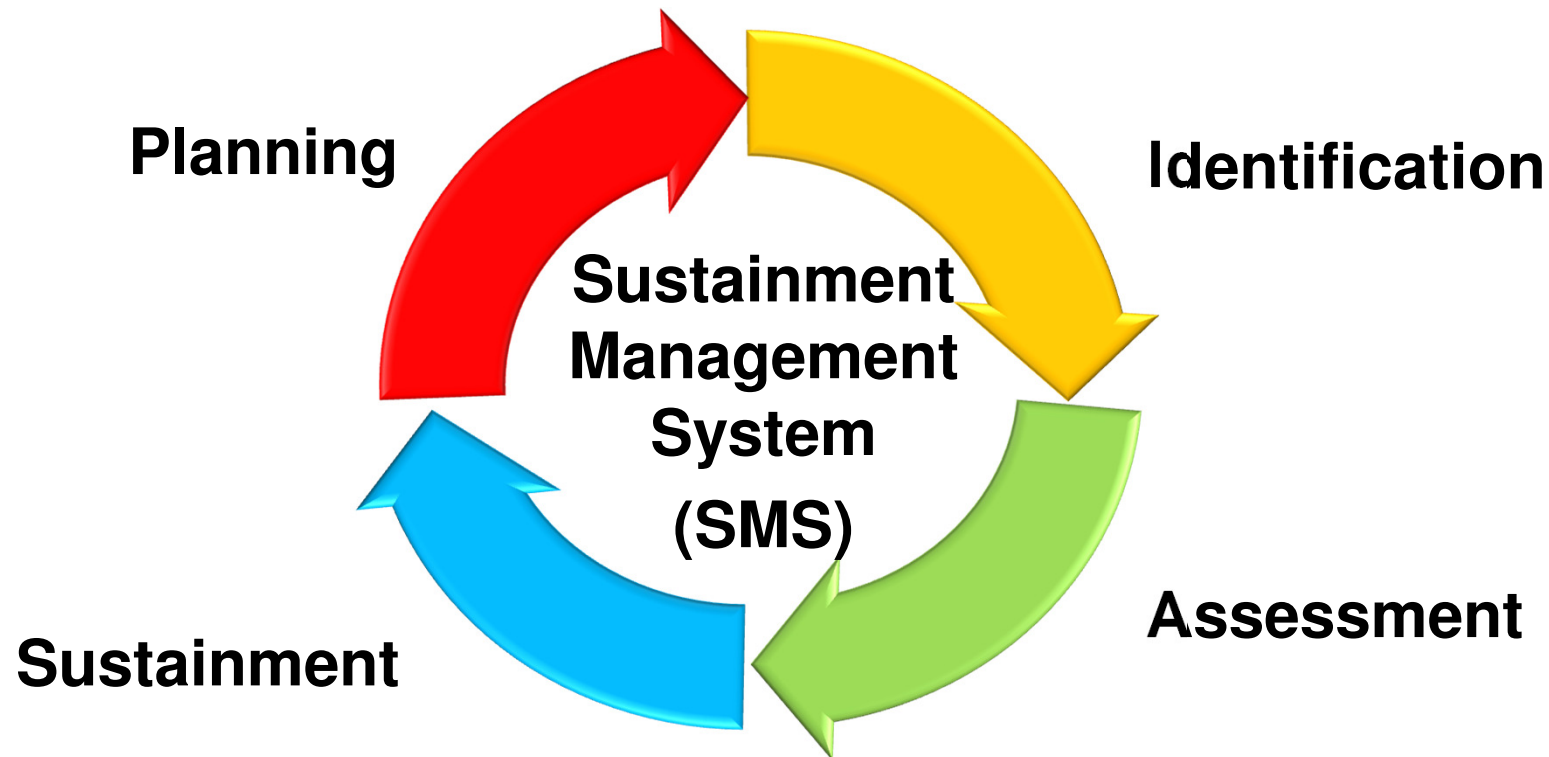
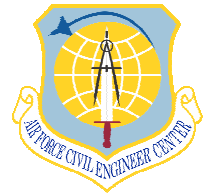
OSD 10 Sep 2013 Mandate



- **Initial Assessment Requirement: ALL real property assets shall have a validated Facility Condition Index (FCI) by September 2017**
 - **All Assets in Real Property (RP) records require assessment**
- **Reassessment Requirement: The condition data of each asset shall undergo a comprehensive validation on no less than a 5-year cycle**
- **Assessments must be entered into the USACE CERL developed SMS Suite (BUILDER, PAVER, RAILER, etc). If no SMS exists, use alternative system (GIS, TRIRIGA, etc.) and industry standards to determine FCI**



Sustainment Management



- **Why It Matters - Enterprise Level**
 - Today – Data being used to validate Facility Sustainment Model (FSM) for POM position
 - Tomorrow – Data used to build and defend POM position
 - ID “large” requirements early to start reqmts development earlier to improve execution, work solution prior to execution program



What AFCEC Operations Is Doing?



- **Support and Operationalize Asset Management**
 - *Train* personnel in Asset Management applications
 - *Calibrate* base efforts and standardize across AF enterprise
 - *Validate* project requirements, data and scope
- **Enabling enterprise standardization to assess condition, prioritize requirements, and articulate risk--probability / consequence of failure**
- **Supporting AFCAMP, IPL and POM builds**
- **Gathering lessons learned for enterprise best practices**



How Data Is Being Used Today



- **Strategic**
 - Installation Health Assessments
 - Installation Prospectus
 - Program Objective Memorandum (POM)
 - Predictive Modeling Project (PMP)
 - Visible Asset Sustainment Tool (VAST)
- **Tactical**
 - Requirements Validation (Primary - AFCEC/AFIMSC)
 - Integrated Priority List (IPL) Prioritization (Primary-AFCEC/AFIMSC)
 - Scope/Timing Validation (Primary - AFCEC/AFIMSC)
 - Requirements ID (Primary - Base Level)
 - Work Planning (Primary – Base Level)



How To Collect Data



- **Facilities:**
 - In-House, BOS Contracts, AFCEC executed centrally managed contracts & base executed contracts
- **Utilities:**
 - Linear Segmentation contract
 - Dams: USACE managed contract
- **Transportation Networks & Airfield Pavements:**
 - PCIs: In-house & AFCEC executed centrally managed contracts
 - Rail: USACE managed contract
 - Bridges: Fed Highway Admin managed contract



How To Collect Data [Contracts]



- **Facilities:**
 - **FY17 Facility Condition Assessment Contract;**
proposals were due 25 Jul 17; 42 bases / ~ 50M SF
- **Utilities:**
 - **FY16-19 Linear Segmentation Contract; supports**
Active and Reserve bases; awarded (only AF owned)
 - **FY 17 Dams Survey; projected award Aug 17**
- **Transportation Networks and Airfield Pavements:**
 - **FY16 PCI Survey Contract; awarded**
 - **FY17 PCI Survey Contract; projected award Sep 17**
 - **FHWA Bridge Survey Contract; awarded**

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**Civil Engineer
Maintenance,
Inspection and
Repair Team**

**Industrial
Control Systems**

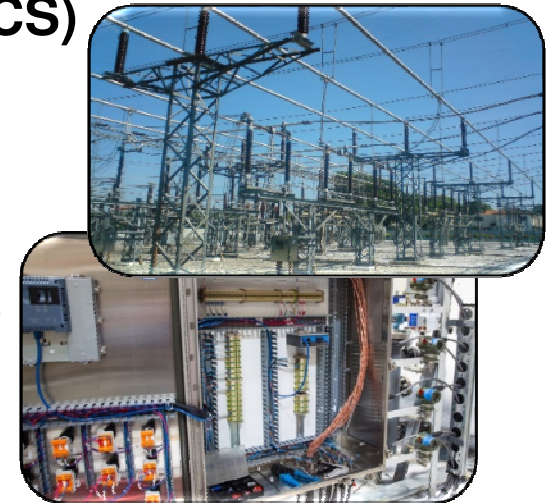
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ICS Basics



- **Type of technology used for local management and control of processes within a physical environment that enable automated control while increasing responsiveness to conditions and reliability**
- **Supervisory control and data acquisition (SCADA) systems**
 - **Fuel distribution, power generation including renewable systems, natural gas, cathodic protection**
- **Energy Management and control systems (EMCS)**
- **Automated Meter Reading System (AMRS)**
- **Fire alarm/fire suppression/mass notification**
- **Utility monitoring and control (UMAC) systems**
- **Airfield lighting and control systems (ALCS)**
- **Traffic signal controls and vehicle barriers**





CEMIRT Industrial Control System Branch Capabilities



Certification & Accreditation

- ***Inventory Collection team:*** Identify all CE-owned, operated and maintained across the AF
- ***Risk Assessment Team:*** Assesses the security posture of the base CE CS in accordance with approved security controls and procedures
- ***Mitigation Team:*** Mitigates and/or resolves CS vulnerabilities to an acceptable level or security posture for CS accreditation by A4C-2
- ***Validation Team:*** Validates risk assessment findings, vulnerability mitigation/resolution actions taken, and prepares/coordinates C&A packages for AFCEC/CO recommendations and AF/A4C-2 accreditation decisions

Technical Support Team:

- Deployment of the CE Community of Interest Network Enclave (COINE)
- Design, develop and test advanced capabilities configurations & installs for future upgrades of CE COINE
- Reach back and on-site base support for operational CE VLANs, CE COINE

Resource base capability through FY18 contracting effort

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AFCEC Contract Toolbox



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AFCEC Contract Toolbox



https://afcec-portal.lackland.af.mil/SitePages/... Air Force Civil Engineer Cen...

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GORDEN, JASON C GS-13 USAF AFMC AFCEC/AF... Search this site...

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TDY Tracker

Libraries
Action Officer Guidance
Base Fact Sheets
Publications
Tyndall Corner

Lists
Senior Leader Meeting Request Form

All Site Content

Air Force Civil Engineer Center > Home

AFCEC News

Organization Chart

CE Portal

Help Desk

The Air Force Civil Engineer Center, located at Joint Base San Antonio-Lackland, Texas, is a 1,900-person primary subordinate unit, assigned to Air Force Material Command and attached to the Air Force Installation and Mission Support Center. AFCEC is responsible for providing responsive, flexible full-spectrum installation engineering services.

The center's missions include facility investment planning, design and construction, operations support, real property management, energy support, environmental compliance and restoration, readiness and emergency management, and audit assertions, acquisition and program management.

Mission Statement:
Provide Civil Engineering services and enterprise lifecycle leadership to Air Force installations that enable the warfighter.

Vision:
To lead the way in delivering Civil Engineering enterprise solutions.

Links

Agency Sites	Civilian Links	AF Sites
<ul style="list-style-type: none">AFCEC Administrative RecordAFCEC Air Force PortalAFCEC DRAFCEC Public SiteAFICA Launch Pad	<ul style="list-style-type: none">AFPC SecureATAAPSObitbank Travel CardDCPDS PortalDefense Travel System (DTS)MyPay	<ul style="list-style-type: none">ACESADLSAFRIMSCE Portale-PublishingeDASHCE DASHNexGen IT/TRIRIGA

Tools

- 772 COR Training
- Contract Toolbox**
- DCS Portal
- Lackland Webmail (OWA)

Mr. Randy E. Brown
Director
JBASA-Lackland

Col Charles Kelm
Deputy Director
Tyndall

AFCEC Reference Guide

For more information, contact Dennis Guadarrama,
AFCEC Enterprise Procurement Division



AFCEC Contract Toolbox



Contract	Total Ceiling	Purchase Type / Contract Type	Competition	Ordering Period	Decentralized Ordering
A-E13ES Worldwide Architect-Engineering Environmental Services	\$500M	<u>A-E</u> Environmental Services IDIQ	10 Full & Open 18 Small Business	Five years, Expires Jun 2021	Available
A-E13DCS Worldwide Architect-Engineering Design Construction Services	\$950M (Shared w/ SB Regions)	<u>A-E</u> Services IDIQ	18 Full & Open	Five years, Expires Sep 2020	Available
A-E13DCS CONUS East Region Architect-Engineering Design Construction Services	\$950M (Shared w/F&O and West & Central Regions)	<u>A-E</u> Services (FSRM) IDIQ (Small Business)	9 Small Businesses	Five years, Expires Aug 2021	Available
A-E13DCS CONUS Central Region Architect-Engineering Design Construction Services	\$950M (Shared w/F&O and East & West Regions)	<u>A-E</u> Services (FSRM) IDIQ (Small Business)	5 Small Businesses	Five years, Expires Aug 2021	Available
A-E13DCS CONUS West Region Architect-Engineering Design Construction Services	\$950M (Shared w/F&O and East & Central Regions)	<u>A-E</u> Services (FSRM) IDIQ (Small Business)	6 Small Businesses	Five years, Expires Aug 2021	Available
RE&C CONUS East Region Regional Engineering and Construction	\$930M (Shared w/RE&C CONUS Regions)	Engineering and <u>Construction</u> IDIQ	12 Small Businesses	Five years & Three one year options, Expires Nov 2024	Not Available at this time
RE&C CONUS Central Region Regional Engineering and Construction	\$930M (Shared w/RE&C CONUS Regions)	Engineering and <u>Construction</u> IDIQ	11 Small Businesses	Five years & Three one year options, Expires Dec 2024	Not Available at this time
RE&C CONUS West Region Regional Engineering and Construction	\$930M (Shared w/RE&C CONUS Regions)	Engineering and <u>Construction</u> IDIQ	11 Small Businesses	Five years & Three one year options, Expires Dec 2024	Not Available at this time



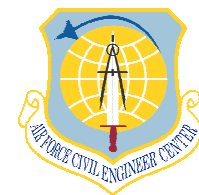
AFCEC Contract Toolbox



Contract	Total Ceiling	Purchase Type / Contract Type	Competition	Ordering Period	Decentralized Ordering
WE&C Worldwide Engineering and Construction	\$950M	Engineering and Construction IDIQ	11 Full & Open	Five years & Three one year options, Expires Feb 2025	Not Available at this time
SATOC Sustainment, Restoration, and Modernization Acquisition and Task Order Contract	\$4B	Engineering and Construction IDIQ	13 Full & Open 6 Small Businesses	Five years plus five one year options, Expires May 2018	Available
WERC09 Worldwide Environmental Restoration and Construction	\$3B	Environmental Restoration Services and Construction IDIQ	23 Full & Open 21 Small Businesses	Expires Sep 2017 Ordering applies only to active PBR actions	NA
ISEAS Independent Systems Engineering & Acquisition Support	\$40M	Advisory & Assistance Services (<u>A&AS</u>) IDIQ	2 Full & Open	Five years, Expires Sep 2018	NA
GEITA11 Global Engineer, Integration & Tech Assistance 2011	\$950M	Advisory & Assistance Services (<u>A&AS</u>) IDIQ	11 Small Businesses	Five years with options, Expires Apr 2018	NA
PMO Portfolio Management Operations Services	\$20M	<u>A&AS</u> Portfolio Management Operations Services IDIQ	1 Small Business	Five years, Expires May 2021	NA
PCM Post Closure Management Services	\$88M	<u>A&AS</u> Privatization Post Closing Management Services IDIQ	1 Large Business	Five years, Expires Aug 2020	NA



AFCEC Contract Toolbox



Contract	Total Ceiling	Purchase Type / Contract Type	Competition	Ordering Period	Decentralized Ordering
ESC USAFE Environmental Services and Construction	\$48M	<u>Environmental Services and Construction</u> IDIQ	6 Full & Open	Five years, Expires Jun 2020	NA
ESC PACAF Environmental Services and Construction	\$48M	<u>Environmental Services and Construction</u> IDIQ	8 Small Businesses	Five years, Expires Nov 2021	NA
USACE ESC- PACAF Environmental Services and Construction	\$30M	Army Corps <u>Environmental Services and Construction</u> MATOC	4 Small Business	Five years, Expires Apr 2019	NA
GSA ES BPA Environmental Services and Compliance CONUS	\$98M	<u>Environmental Services</u> GSA Blanket Purchase Agreement for CONUS (EQ F2F Projects)	6 Small Businesses	Five years, Expires Sep 2019	NA
Fuel Systems Services Project (8a Pilot)	\$4M	Fuel Systems <u>Services</u> SATOC	8(a) set-aside	Five years, Expires Jun 2020	NA
AFCAP IV Air Force Contract Augmentation Program	\$5B	Contingency <u>Services</u> , Construction and Commodities IDIQ	8 Full & Open	Base year plus 4 one year options, Expires Sep 2020	NA



AFCEC Contract Toolbox



Contract	Total Ceiling	Purchase Type / Contract Type	Competition	Ordering Period	Decentralized Ordering
BESRC East Region BRAC Environmental Services & Restoration	\$8M	<u>Environmental Services and Restoration</u> IDIQ	1 Small Business	Five years, Expires Jul 2021	NA
BESRC Central Region BRAC Environmental Services & Restoration	\$8M	<u>Environmental Services and Restoration</u> IDIQ	1 Small Business	Five years, Expires Sep 2021	NA
BESRC West Region BRAC Environmental Services & Restoration	\$8M	<u>Environmental Services and Restoration</u> IDIQ	1 Small Business	Five years, Expires May 2021	NA

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Facility Engineering Programs



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FY17 Facility Investments



• AF MILCON (Active):	\$ 1.4-1.7B*
– UMMC (P-341):	\$ 40M
– Planning & Design	\$ 144M
• MFH MILCON (PAIP):	\$ 57M
• SOF MILCON:	\$ 169M
• Medical MILCON:	\$ 115M
• ECIP MILCON:	\$ 42.5M
• FSRM (O&M):	\$ ~1.7B
• DLA Funded Projects:	<u>\$ ~175M</u>
Total:	\$ 3.8-4.1B

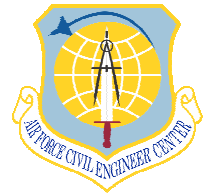


- *range due to unsequestered vs sequestered (Budget Control Act)
- FY17 MILCON Programs are pre-decisional pending final FY17 National Defense Authorization Act (NDAA)



FY17 MILCON

Projects in Acquisition



MAJCOM	BASE	TITLE	PA
AETC	ALTUS	KC-46A FTU FTC SIMULATOR FACILITY PHASE 2	\$11-13M
AFGSC	BARKSDALE	Consolidated Communication Facility	\$20-22M
USAFE	CAMPIA TURZII	ERI: EXTEND PARKING APRONS	\$5-7M
USAFE	CAMPIA TURZII	ERI: CONSTRUCT MUNITIONS STORAGE AREA	\$2-4M
USAFE	CAMPIA TURZII	ERI: CONSTRUCT ONE-BAY HANGAR	\$5-7M
AFSOC	CANNON	Add/Alter HVAC, RPA Ops Center, Bldg 848	\$1-3M
AFSPC	CLEAR	FIRE STATION	\$19-21M
AFMC	EDWARDS	FLIGHT LINE FIRE STATION	\$23-25M
PACAF	EIELSON	F-35A HANGAR/SQUAD OPS/AMU SQD #2	\$42-44M
AETC	FAIRCHILD	SERE PIPELINE DORMITORY (150 RM)	\$26-28M
AFMC	HANSCOM	SYSTEM MANAGEMENT ENGINEERING FACILITY	\$19-21M
AFMC	HILL	649 MUNS Munitions STAMP/Maintenance & Inspection Facility	\$11-13M
ACC	HILL	F-35A MUNITIONS MAINTENANCE COMPLEX	\$9-11M
AFMC	HILL	649 MUNS Munitions Storage Magazines	\$6-8M
PACAF	JOINT BASE ELMENDORF-RICHARDSON	ADD/ALTER AWACS ALERT HANGAR	\$28-30M
AETC	LUKE	F-35 SQUADRON OPERATIONS/AIRCRAFT MAINTENANCE UNIT #5	\$19-21M
AMC	MCCONNELL	AIR TRAFFIC CONTROL TOWER	\$10-12M
ACC	MOODY	PERSONNEL RECOVERY 4-BAY HANGAR/HMU	\$30-32M
USAFE	RAF CROUGHTON	JOINT INTELLIGENCE ANALYSIS COMPLEX CONSOLIDATION, PH3	\$52-54M
AFMSA	SHEPPARD	Construct Replacement Medical/Dental Clinic, B500	\$91-93M
AFMC	WRIGHT PATTERSON	RELOCATE ENTRY CONTROL FACILITY 26A	\$12-14M
PACAF	YOKOTA	ADAL Fuel System Maintenance Hangar For C-130J-30	\$1-3M



FY17 MILCON Projects in Design



MAJCOM	BASE	TITLE	PA	AGENT
CENTAF	AL DHAFRA	LARGE AIRCRAFT MAINTENANCE HANGAR	\$34-36M	Middle East
USAFE	AMARI AIR BASE	ERI: Construct Bulk Fuel Storage	\$5-7M	Europe
PACAF	ANDERSEN	APR - Munitions Storage Igloos, Phase 2	\$34-36M	PACAF
ACC	ANDERSEN	BLOCK 40 MAINTENANCE HANGAR	\$30-32M	PACAF
PACAF	ANDERSEN	APR - SATCOM C4I Facility	\$13-15M	PACAF
AFDW	ANDREWS	CONSTRUCT 21 POINT ENCLOSED FIRING RANGE	\$12-14M	NAV Washington
AFDW	ANDREWS	CONSOLIDATED COMMUNICATIONS CENTER	\$49-51M	Baltimore
AFDW	ANDREWS	PAR - JADOC Satellite Site	\$3-5M	NAV Washington
AFSPC	BUCKLEY	Small Arms Range Complex	\$13-15M	Omaha
USAFE	CAMPIA TURZII	ERI: CONSTRUCT SQUADRON OPERATIONS FACILITY	\$2-4M	Europe
AFSOC	CANNON	North Fitness Center	\$20-22M	Albuquerque
USAFE	CHABELLEY AIRFIELD	Construct Chabelley Access Road	\$3-5M	NAV Europe
USAFE	CHABELLEY AIRFIELD	Construct Parking Apron and Taxiway	\$6-8M	NAV Europe
AMC	CHARLESTON	FIRE & RESCUE STATION	\$16-18M	
AMC	DOVER	AIRCRAFT MAINTENANCE HANGAR	\$38-40M	Philadelphia
AFMC	EGLIN	Flightline Fire Station	\$13-15M	Mobile
AFMC	EGLIN	Advanced Munitions Technology Complex	\$74-76M	Mobile
PACAF	EIELSON	F-35A MISSILE MAINTENANCE FACILITY	\$12-14M	Alaska
PACAF	EIELSON	F-35A AIRCRAFT WEATHER SHELTER SQD #1	\$79-81M	Alaska
PACAF	EIELSON	F-35A Aircraft Weather Shelter SQD #2	\$81-83M	Alaska
USAFE	GRAF IGNATIEVO	ERI: FIGHTER RAMP EXTENSION	\$6-8M	Europe
USAFE	GRAF IGNATIEVO	ERI: CONSTRUCT SQUADRON OPERATIONS/OPERATION ALERT FACILITY	\$3-5M	Europe
USAFE	GRAF IGNATIEVO	ERI: UPGRADE MUNITIONS STORAGE	\$2-4M	Europe
AFMC	HANSCOM	Vandenberg Gate Complex	\$10-12M	New England
AFMC	HILL	649 MUNS Precision Guided Missile Maintenance Facility	\$8-10M	Sacramento



FY17 MILCON

Projects in Design (Cont.)



MAJCOM	BASE	TITLE	PA	AGENT
USAFE	INCIRLIK ADANA	AIRFIELD FIRE / CRASH RESCUE STATION	\$12-14M	Europe
	KADENA AMMO STORAGE			
PACAF	ANNEX	APR - REPLACE MUNITIONS STRUCTURES	\$19-21M	Japan
AETC	KIRTLAND	COMBAT RESCUE HELICOPTER (CRH) SIMULATOR	\$6-8M	Albuquerque
AETC	LACKLAND	BMT RECRUIT DORMITORY 6	\$66-68M	Fort Worth
ACC	LANGLEY	Fuel System Maintenance Dock	\$13-15M	Norfolk
ACC	LANGLEY	Air Force Targeting Center Facility	\$44-46M	Norfolk
USAFE	LASK AB	ERI: CONSTRUCT SQUADRON OPERATIONS FACILITY	\$3-5M	Europe
AFGSC	MALMSTROM	Relocate Missile Maintenance Facility	\$14-16M	Seattle
AETC	MAXWELL	JAG School Expansion	\$15-17M	Mobile
ACC	NELLIS	F-35A POL FILL STAND ADDITION	\$10-12M	Los Angeles
AFSPC	PETERSON	FIRE STATION & EOD ADDITIONS	\$8-10M	Omaha
USAFE	POWIDZ AIR BASE	ERI: CONSTRUCT SQUADRON OPERATIONS FACILITY	\$3-5M	Europe
PACAF	RAAF BASE DARWIN	APR EXPAND AIRCRAFT PARKING APRON	\$28-30M	PACAF
PACAF	RAAF BASE DARWIN	APR AIRCRAFT MAINTENANCE SUPPORT FACILITY	\$1-3M	PACAF
USAFE	RAF CROUGHTON	Main Gate Complex	\$15-17M	
USAFE	RAMSTEIN	CONSTRUCT AIRCRAFT SQUADRON OPERATIONS/AMU FACILITY	\$12-14M	Europe
AMC	SCOTT	Consolidated Communications Facility Add/Alt	\$40-42M	Louisville
USAFE	SIAULIAI	ERI: MUNITIONS STORAGE	\$2-4M	Europe
USAFE	SPANGDAHLEM	EIC - SITE DEVELOPMENT AND INFRASTRUCTURE	\$42-44M	Europe
USAFE	SPANGDAHLEM	ERI: UPGRADE HARDENED AIRCRAFT SHELTERS FOR F/A-22	\$2-4M	Europe
USAFE	SPANGDAHLEM	ERI: F/A-22 LOW OBSERVABLE/COMPOSITE REPAIR FACILITY	\$17-19M	Europe
USAFE	SPANGDAHLEM	ERI: UPGRADE MUNITIONS STORAGE DOORS	\$0-2M	Europe
ACC	TINKER	E-3G MISSION AND FLIGHT SIMULATOR TRAINING FACILITY	\$25-27M	Tulsa
PACAF	UNSPECIFIED LOCATION	APR Land Acquisition	\$8-10M	PACAF
PACAF	YOKOTA	COMBAT ARMS TRAINING MAINTENANCE (CATM) FACILITY	\$7-9M	Japan
PACAF	YOKOTA	C-130J Corrosion Control Hangar	\$23-25M	Japan



FY17 UMMC Projects in Design



MAJCOM	BASE	TITLE	PA	AGENT
AFGSC	BARKSDALE	FIRE STATION NO. 2	\$3-5M	NAV Southeast
ACC	BEALE	MUNITIONS WAREHOUSE AND OFFICE FACILITY	\$1-3M	Sacramento
AFSPC	BUCKLEY	Large Vehicle Inspection Point (LVIP)	\$1-3M	Omaha
ACC	DAVIS-MONTHAN	Add/Alter MXG Engine Maintenance Facility	\$2-4M	Los Angeles
AFMC	EGLIN	CNST AT Entry Control Point North Gate	\$2-4M	Mobile
AFGSC	FRANCIS E WARREN	MILITARY WORKING DOG (MWD) KENNEL FACILITY	\$2-4M	Omaha
AFMC	HILL	Construct East Gate Canopy and Inspection Facility	\$1-3M	Base Execution
PACAF	JOINT BASE ELMENDORF-RICHARDSON	CONSTRUCT LIQUID OXYGEN STORAGE FACILITY	\$1-3M	Alaska
ACC	JOINT BASE SAN ANTONIO	Upgrade Electrical Distribution System, Rm 138 B2000	\$1-3M	
AETC	KEESLER	ENTRY GATE INSPECTION AREA	\$2-4M	NAV Southeast
AETC	KEESLER	COMMERCIAL VEHICLE INSPECTION	\$2-4M	NAV Southeast
AETC	KIRTLAND	LIGHTING FOR AIRCRAFT MAINTENANCE AND PARKING	\$2-4M	
CENTAF	SHAHEED MWAFFAQ	DINING FACILITY	\$1-3M	Base Execution
AETC	SHEPPARD	Repair Sheppard Gate Entry Control Facility	\$2-4M	Tulsa



FY17 Other Projects in Design



•MFH

MAJCOM	BASE	TITLE	PA	AGENT
PACAF	CAMP ZUKERAN FAMILY HOUSING ANNEX	IMPROVE FAMILY HOUSING (NORTH FOSTER TOWERS)	\$51-53M	Japan
PACAF	KADENA	IMPROVE FAMILY HOUSING (KADENA HEIGHTS)	\$3-5M	Japan
USAFE	MORON	RENOVATE MFH UNITS 650 AND 658	\$-1-1M	

•ECIP

MAJCOM	BASE	TITLE	PA	AGENT
AFMC	ARNOLD	REPAIR STEAM INSULATION - MECHANICAL ROOMS	\$0-2M	Mobile
AFIMSC	HILL	Replace Wall Pack Lighting, Multi-Facilities	\$1-3M	Base Execution
PACAF	KADENA	ECIP - UPGRADE EXTERIOR LIGHTING, BASEWIDE	\$3-5M	Japan
PACAF	MISAWA	REPAIR BOILER, BOILER PLANT B1337	\$4-6M	Base Execution
PACAF	OSAN	ECIP: INSTALL SOLAR AIR HEATERS, MULTI FAC	\$0-2M	Far East
AFSPC	SCHRIEVER	Upgrade the EMCS System, Multi Facilities	\$2-4M	Omaha
AFMC	WRIGHT PATTERSON	REPAIR HTHW LINE C (AREA A) WITH NATURAL GAS BOILERS	\$13-15M	Louisville

•SOCOM

MAJCOM	BASE	TITLE	PA	AGENT	STATUS
AFSOC	KADENA	SOF MAINTENANCE HANGAR	\$42-44M	Japan	DSG
AFSOC	KADENA	SOF SIMULATOR FACILITY	\$12-14M	Japan	DSG
AFSOC	YOKOTA	HANGAR/AMU	\$38-40M	Japan	DSG
AFSOC	YOKOTA	OPERATIONS AND WAREHOUSE FACILITIES	\$26-28M	Japan	DSG
AFSOC	YOKOTA	SIMULATOR FACILITY	\$5-7M	Japan	DSG
AFSOC	YOKOTA	AIRFIELD APRON	\$40-42M	Japan	DSG



FY17 Other Projects in Design



•Medical

MAJCOM	BASE	TITLE	PA	AGENT
PACAF	KADENA	THEATER LEAD AGENT FOR MEDICAL MATERIEL (TLAMM) WAREHOUSE	\$20-22M	Japan
AFMSA	LITTLE ROCK	HIGH ALTITUDE AIRDROP MISSION SUPPORT FACILITY	\$1-3M	Little Rock



FY17 Energy Conservation Investment Program (ECIP)



BASE	TITLE	PA
Kirtland	Street & Hangar Lights to LED	\$1M-\$5M
Schriever	EMCS in multiple facilities	\$1M-\$5M
Yokota	EMCS in multiple facilities	\$1M-\$5M
JB Elmendorf	HVAC Energy Upgrade, CDC bldgs	\$1M-\$5M
Hill	Replace Wall Pack Lighting to LED	\$1M-\$5M
Edwards	Micro-turbine	\$1M-\$5M
Wright-Patterson	Install Natural Gas Boilers line C area A	\$10M-\$15M
Arnold	Repair Insulation Mech rooms	\$1M-\$5M
Kadena	Replace Exterior Lights Basewide	\$1M-\$5M
Edwards	Retrofit lighting, multiple facilities	\$1M-\$5M
Misawa	Replace Boilers	\$5M-\$10M



FY17 Centralized Facility Sustainment Restoration & Modernization (FSRM)



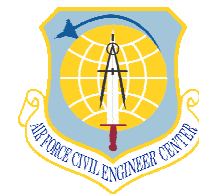
	R&M		Large Sustainment		Demolition		Consolidation/ Demolition		Design/CCD/PCR		Dormitories		Energy	
MAJCOM	# of Projects	\$ Value	# of Projects	\$ Value	# of Projects	\$ Value	# of Projects	\$ Value	# of Projects	\$ Value	# of Projects	\$ Value	# of Projects	\$ Value
ACC	68	\$147.3M	42	\$149.2M	3	\$180K	0	\$0K	32	\$6.6M	0	\$0K	10	\$7.4M
AETC	53	\$77.2M	46	\$134.6M	3	\$4.5M	0	\$0K	18	\$5.8M	0	\$0K	3	\$5.5M
AFDW	6	\$59.4M	5	\$8.1M	1	\$3.3M	0	\$0K	5	\$1.4M	0	\$0K	0	\$0K
AFGSC	44	\$39.5M	43	\$79.2M	1	\$147K	0	\$0K	61	\$12.7M	0	\$0K	4	\$1.6M
AFMC	78	\$93.8M	108	\$104.2M	16	\$14.7M	0	\$0K	47	\$16.7M	0	\$0K	4	\$761K
AFSOC	18	\$15M	2	\$1.2M	0	\$0K	0	\$0K	0	\$0K	0	\$0K	0	\$0K
AFSPC	25	\$35.8M	24	\$93.6M	0	\$0K	0	\$0K	28	\$2.8M	0	\$0K	9	\$1.6M
AMC	48	\$59.7M	46	\$77.6M	4	\$1M	0	\$0K	36	\$17.5M	0	\$0K	2	\$387K
PACAF	63	\$116.3M	72	\$171.7M	3	\$15.1M	0	\$0K	50	\$19.5M	0	\$0K	3	\$3.2M
USAFA	6	\$39.1M	10	\$15.6M	0	\$0K	0	\$0K	5	\$511K	0	\$0K	0	\$0K
USAFE	26	\$20.9M	23	\$27M	4	\$3.1M	0	\$0K	34	\$5M	0	\$0K	2	\$698K
AFCEC	1	\$2.7M	0	\$0K	0	\$0K	0	\$0K	0	\$0K	0	\$0K	1	\$11M
TOTAL	436	\$706.8M	421	\$862.1M	35	\$42M	0	\$0K	316	\$88.7M	0	\$0K	38	\$32.1M

1246 Projects at ~\$1.7B

Full Construction Tasking Order Available at AFCEC Web Site



Business Opportunities



www.afcec.af.mil

The screenshot shows the homepage of the U.S. Air Force Civil Engineer Center. The navigation bar includes links for HOME, NEWS, ABOUT US, DIRECTORIES, BUSINESS, and a search bar. The 'BUSINESS' link is circled in red. Below the navigation bar is a large banner image of a woman speaking into a microphone, with the text 'LARGEST MILITARY SOLAR ENERGY PROJECT IN NORTHEAST breaks ground on JB MDL'. To the right of the banner is a vertical list of service areas: BRAC, FACILITY ENGINEERING, ENVIRONMENT, HOUSING, INSTALLATION SUPPORT, OPERATIONS, READINESS, REAL ESTATE DEVT, and RENEWABLE ENERGY. Below this is a 'NEWS' section with a list of recent articles, including 'AFCEC EOD program manager receives Master Blaster Award' and 'Largest military solar energy project in Northeast breaks ground on JB MDL'. At the bottom left, there is a section titled 'PFOS AND PFOA' with a graphic showing the text 'PFOS & PFOA AIR FORCE RESPONSE'.

U.S. AIR FORCE CIVIL ENGINEER CENTER

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LARGEST MILITARY SOLAR ENERGY PROJECT IN NORTHEAST
breaks ground on JB MDL

BRAC
FACILITY ENGINEERING
ENVIRONMENT
HOUSING
INSTALLATION SUPPORT
OPERATIONS
READINESS
REAL ESTATE DEVT
RENEWABLE ENERGY

NEWS

- AFCEC EOD program manager receives Master Blaster Award
- AFCEC asset visibility team earns FEMP Award
- Largest military solar energy project in Northeast breaks ground on JB MDL
- Largest Air Force ESPC awarded at Tinker Air Logistics Complex
- December Energy Express released


PFOS AND PFOA

PFOS & PFOA
AIR FORCE RESPONSE



FSRM Program




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DOING BUSINESS WITH AFCEC

Headquartered at Joint Base San Antonio-Lackland, Texas, the Air Force Civil Engineer Center is responsible for providing responsive, flexible full-spectrum installation engineering services across the Air Force enterprise.

 **FEDBIZOPPS.GOV**

All AFCEC solicitations are listed on the Federal Business Opportunities (FedBizOpps) website, the single government point-of-entry for U.S. federal government procurement opportunities over \$25,000.

For general Air Force contracting information, visit the Air Force Installation Contracting Agency website at <http://www.wpafb.af.mil/afica>.

ENTERPRISE PROCUREMENT CLEARINGHOUSE REPORTS

The Clearinghouse Report is a list of projects that have been reviewed and cleared for execution by AFCEC based on mission, matching requirements with the best appropriate contract venue for execution. The most current Clearinghouse Report, as well as report archives, are available [here](#). Do not contact the installations listed as these projects will be managed by AFCEC.

Final decisions on the extent of competition, small business participation, estimated value or any aspect of the procurement action will not be made until each is initiated. The forecast data is for planning purposes only. It does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal and is not a commitment by the government to purchase the desired products or services.

PRESENTATIONS

- SAME Small Business Conference - Atlanta, Georgia 2016
 - [Slide presentation](#)
- SAME Industry Day - Panama City, Florida 2016
 - [Slide presentation](#)
- SAME Small Business Market Research Industry Day - San Antonio, Texas 2015
 - [Slide presentation](#)
- SAME San Antonio Small Business Market Research Fair 2015
 - [Slide presentation](#)

TASKING ORDERS

- Construction**
 - [Fiscal 2017 Construction Tasking Order](#)
- Environmental**
 - [Fiscal 2017 Environmental Tasking Order](#)
- Military Family Housing**
 - [Fiscal 2017 Military Family Housing Tasking Order](#)

BUSINESS NEWS

- Teamwork essential as AFCEC produces newest integrated priority list**
- AFCEC seeks innovative solutions to equipment**



FY18 Facility Investments



• AF MILCON (Active):	\$ 1.6-1.9B*
– UMMC (P-341):	\$ 30M
– Planning & Design	\$ 98M
• SOF MILCON:	\$ 64M
• ERCIP MILCON (in selection):	\$ 49.5M
• FSRM (O&M):	\$ ~1.7B
• DLA Funded Projects:	<u>\$ ~175M</u>
Total:	\$ 3.7- 4.0B



- *Range due to unsequestered vs sequestered (Budget Control Act)
- FY18 MILCON Programs are pre-decisional pending final FY18 National Defense Authorization Act (NDAA)



MILCON

Projects in Design



MAJCOM	BASE	TITLE	PA	AGENT
AFMC	HILL	Composite Aircraft Antenna Calibration Facility	\$25-27M	Sacramento
USAFE	US AIR FORCES, EUROPE	ERI: POL - INCREASE CAPACITY	\$12-14M	Europe
USAFE	US AIR FORCES, EUROPE	ERI: CONSTRUCT AIRFIELD UPGRADES	\$12-14M	Europe
USAFE	CAMPIA TURZII	ERI: UPGRADE INSTALLATION UTILITIES INFRASTRUCTURE	\$2-4M	Europe
USAFE	US AIR FORCES, EUROPE	ERI: CONSTRUCT ECAOS DABS STORAGE	\$66-68M	Europe
USAFE	US AIR FORCES, EUROPE	ERI: POL - INCREASE CAPACITY	\$19-21M	Europe
USAFE	US AIR FORCES, EUROPE	ERI: AIRFIELD UPGRADES	\$3-5M	Europe
USAFE	US AIR FORCES, EUROPE	ERI: AIRFIELD UPGRADES	\$21-23M	Europe
AMC	MCGUIRE	KC-46A ADAL B2324 REGIONAL MX TRAINING FAC	\$17-19M	New York
AMC	MCGUIRE	KC-46A TWO BAY GENERAL PURPOSE MX HANGAR	\$71-73M	New York
ACC	FORT CARSON	13 ASOS Expansion	\$12-14M	Omaha
AETC	ALTUS	KC-46A FTU Fuselage Trainer Phase 2	\$4-6M	Tulsa
AFDW	ANDREWS	PAR Land Acquisition/Easement	\$17-19M	
AMC	ANDREWS	PRESIDENTIAL AIRCRAFT RECAPITALIZATION COMPLEX	\$253-255M	NAV Washington
CENTAF	AL UDEID	Consolidated Squadron Operations Facility	\$14-16M	Middle East
CENTAF	SHAHEED MWAFFAQ	MSAB Development	\$142-144M	Middle East
AFSPC	BUCKLEY	SBIRS Operations Facility	\$37-39M	Omaha
AFSOC	CANNON	Dangerous Cargo Pa Relocate CATM	\$41-43M	Albuquerque
AFSOC	HURLBURT FIELD	SOF SIMULATOR & FuT FACILITY	\$11-13M	
AFMC	EGLIN	Dormitories Replace Dorm 19	\$43-45M	Mobile
AFSOC	EGLIN AUX FLD #3	SOF SIMULATOR FACILITY (C-146)	\$4-6M	Mobile
ACC	EGLIN	F-35A Armament Research Facility Addition (B614)	\$8-10M	Mobile
AFGSC	EGLIN	LONG-RANGE STAND-OFF ACQUISITION FACILITY	\$37-39M	Mobile
PACAF	EIELSON	Repair Central Heat/Power Plant Boiler PH 4	\$39-41M	Alaska
PACAF	EIELSON	F-35A OSS/Weapons/Intel Facility	\$11-13M	Alaska
PACAF	EIELSON	F-35A AGE Facility / Fillstand	\$20-22M	Alaska



MILCON

Projects in Design

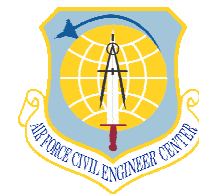


MAJCOM	BASE	TITLE	PA	AGENT
PACAF	EIELSON	F-35A R-11 Fuel Truck Shelter	\$9-11M	Alaska
PACAF	EIELSON	F-35A SATELLITE DINING FACILITY	\$7-9M	Alaska
PACAF	EIELSON	F-35A Consolidated Munitions Admin Facility	\$26-28M	Alaska
PACAF	EIELSON	F-35A ADAL Conventional Munitions Facility	\$1-3M	Alaska
PACAF	EIELSON	F-35A School Age Facility	\$21-23M	Alaska
PACAF	EIELSON	F-35A Extend Utiliduct to South Loop	\$47-49M	Alaska
AFGSC	FRANCIS E WARREN	CONSOLIDATED HELO/TRF OPS/AMU AND ALERT FACILITY	\$61-63M	Omaha
AETC	LACKLAND	Air Traffic Control Tower	\$9-11M	Fort Worth
AFMC	HILL	INSTALL NEW PCC APRON (HOT PAD 8)	\$8-10M	Sacramento
ACC	HILL	UTTR CONSOLIDATED MISSION CONTROL CENTER	\$27-29M	Sacramento
ACC	HOLLOMAN	RPA Fixed Ground Control Station Facility	\$3-5M	Albuquerque
USAFE	INCIRLIK ADANA	DORMITORY - 216 RM	\$28-30M	Europe
PACAF	KADENA	AIRFIELD SECURITY BARRIERS	\$2-4M	Japan
AETC	LACKLAND	BMT RECRUIT DORMITORY 7	\$89-91M	Fort Worth
AETC	LACKLAND	BMT SATELLITE CLASSROOMS/DINING FACILITY 4	\$36-38M	Fort Worth
USAFE	RAF LAKENHEATH	CONSOLIDATED CORROSION CONTROL FACILITY	\$19-21M	
USAFE	RAF LAKENHEATH	F-35A FLIGHT SIMULATOR FACILITY	\$21-23M	
USAFE	RAF LAKENHEATH	F-35A FIELD TRAINING DETACHMENT FACILITY	\$11-13M	
USAFE	RAF LAKENHEATH	F-35A 6-BAY HANGAR	\$23-25M	
USAFE	RAF LAKENHEATH	F-35A SQUADRON OPERATIONS AND AMU	\$40-42M	
AMC	MACDILL	KC135 Beddown Add Flt Simltr Training	\$3-5M	Mobile
PACAF	TINIAN INTERNATIONAL AIRPORT	APR - LAND ACQUISITION	\$12-14M	PACAF
PACAF	RAAF BASE DARWIN	APR - BULK FUEL STORAGE TANKS	\$75-77M	PACAF
AMC	MCGUIRE	KC-46A ADAL B3209 FOR FUSELAGE TRAINER	\$2-4M	New York
AMC	MCGUIRE	KC-46A ADD TO B1837 FOR BODY TANKS STORAGE	\$1-3M	New York



MILCON

Projects in Design



MAJCOM	BASE	TITLE	PA	AGENT
AMC	MCGUIRE	KC-46A Alter BLDGS FOR OPS AND TFI AMU-AMXS	\$8-10M	New York
AMC	MCGUIRE	KC-46A ADAL B1816 FOR SUPPLY	\$6-8M	New York
AMC	MCGUIRE	KC-46A ADAL B1749 FOR ATGL & LST SERVICING	\$1-3M	New York
AMC	MCGUIRE	KC-46A AEROSPACE GROUND EQUIPMENT STORAGE	\$3-5M	New York
AFGSC	MINOT	INDOOR FIRING RANGE	\$26-28M	Omaha
ACC	NELLIS	RED FLAG 5th GEN FACILITY ADDITION	\$22-24M	Los Angeles
ACC	NELLIS	VIRTUAL WARFARE CENTER OPERATIONS FACILITY	\$37-39M	Los Angeles
USAFE	KEFLAVIK NAS	ERI: AIRFIELD REPAIRS AND UPGRADES	\$13-15M	NAV Europe
USAFE	AMARI AIR BASE	ERI: POL CAPACITY PHASE 2	\$4-6M	Europe
USAFE	AMARI AIR BASE	ERI: TACTICAL FIGHTER AIRCRAFT PARKING APRON	\$8-10M	Europe
USAFE	RYGGE AIR BASE	ERI: Repair and Expand Quick Reaction Alert Pad	\$9-11M	Europe
USAFE	LIELVARDE AIR BASE	ERI: EXPAND STRATEGIC AIRLIFT APRON	\$3-5M	Europe



Other Projects in Design



•UMMC

MAJCOM	BASE	TITLE	PA	AGENT
CENTAF	ALI AL SALEM	Construct Dining Facility Addition	\$1-3M	Base Execution
CENTAF	AL UDEID	North East Ramp Dining Facility	\$2-4M	Base Execution
AMC	AIR MOBILITY COMMAND	CONST AGE FACILITY (US COST SHARE TO NATO)	\$0-2M	Louisville
AFMC	EGLIN	CNST Range Road 218 By-pass @ D-51	\$2-4M	Mobile
AETC	KESLER	GATE ENTRY ROAD	\$1-3M	NAV Southeast
AFSOC	MELROSE AIR FORCE RANGE	CNS Fire Dept on NWDA, MAFR	\$2-4M	Base Execution
ACC	MOUNTAIN HOME	Construct Well 14, Fac 46015	\$2-4M	
ACC	NELLIS	HYDRAZINE FUEL STORAGE & SERVICING FACILITY	\$2-4M	Los Angeles
AFSPC	PETERSON	MWD Kennel Facility	\$2-4M	Omaha
AFMC	TINKER	IMPROVE LIBERATOR GATE	\$1-3M	Tulsa
USAFA	USAF ACADEMY	Const Perm ECP-N Stad Blvd	\$1-3M	Omaha
USAFA	USAF ACADEMY	Const Perm ECP-Visitor Ctr	\$1-3M	Omaha

•SOCOM

BASE	TITLE	PA	AGENT	STATUS
HURLBURT FIELD	SOF MUNITIONS MAINTENANCE FACILITY	\$2-4M		DSG
HURLBURT FIELD	SOF COMBAT AIRCRAFT PARKING AREA (CAPA)	\$34-36M	Mobile	DSG
KADENA	SOF SPECIAL TACTICS OPERATIONS FACILITY	\$28-30M	Japan	DSG

•ECIP

MAJCOM	BASE	TITLE	PA	AGENT
AFSPC	SCHRIEVER	ECIP Upgrade Cogeneration Micro-Grid Building 600 (B600)	\$14-16M	Omaha
PACAF	OSAN	ECIP: BASE-WIDE NATURAL GAS CONVERSION PHASE I	\$13-15M	Far East



FYDP Highlights



- **MILCON**
 - F-35 Beddown (Eglin, Luke, Nellis, Eielson, Lakenheath)
 - KC-46 Beddown (McConnell, Altus, Tinker, MOB 4)
 - AFSOC Beddowns (Yokota, Kadena, Spandahlem)
 - European Infrastructure Consolidation Initiative
 - PAR Beddown (Andrews)
 - WSF Recap (Barksdale, Malmstrom, Whiteman, Minot)
- **FSRM**
 - USAFA Chapel
 - Large Airfield Pavement Repairs (Andrews, Offutt, Others)

Air Force Civil Engineer Center



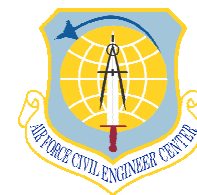
CE DASH - Civil Engineer Dashboard

Battle Ready ... Built Right!



CE DASH

Online Technical Support



- <https://cs.eis.af.mil/sites/10159/Scripts/Homepage/Home.aspx>

INFOCON: 3 UNCLASSIFIED FPCON: Bravo

SharePoint UNCLASSIFIED//FOR OFFICIAL USE ONLY BRANNON, MICHAEL J Lt Col USAF AFMC AFCE...

CE DASH A to Z Index Reachback Center (RBC) Workspaces CE DASH Support

Need Help? Ask RBC Got Feedback? Submit Review

About CE DASH

Welcome to CE DASH, the Air Force Civil Engineering technical support portal designed with the field in mind. The framework behind CE DASH is simple – provide the resources that every agile engineer needs in an easy to navigate online site. Civil Engineers will find information on a variety of subjects, from fire protection to pavements, all easily searchable by either the A to Z index of service and topic areas or by keywords if you are looking for something very specific.

Collaborative tools, comprehensive resources, and technical support are just a click away. The Reachback Center is a key component of CE DASH, featuring easy technical support requests and a database of frequently asked questions.

SAFETY NOTICE
3M Fall Protection issues Product Stop Use on Free Standing Counterweight Anchor

Services, Topics, Keywords

What are you looking for? Previous 1 2 3 4 5 ... 8 Next

Services	Topics	Keywords
AFCAP Contract Vehicle		acquisitions AFCAP augmentation backfills beddown commodities contingency contracting contracts construction DD Form 1391 design design/build emergency leases O&M OM&R programming reconstitution recovery services shipping studies supplies transportation warehousing
Air Force Activity Management Plan (AFAMP)	TNAP Support Systems (Barriers/Barricades/AAS) Sub-AMP	Activity Management, Asset Management, AMP, AFCAMP
Air Force Comprehensive Asset Management Plan (AFCAMP)	TNAP Support Systems (Barriers/Barricades/AAS) Sub-AMP	CAMP, AFCAMP, Asset Management, IPL, CTO, ETO, HTO, Facilities, Utilities, TNAP, Real Estate, Real Property, Mission Dependency Index, Condition Index, Building Condition Index, Pavement Condition Index, Utilities Condition Index, Probability of Failure, PoF, CoF, Consequence of Failure, Facility Condition Index
Air Force Facility Metering Program	AMRS Deployment, AMRS Software, AMRS Training, Benchmarking, Housing Meters, Meter Data Management Plan	AMRS Deployment Schedule, Housing Meters, Utility Meters, MDMP, AMRS Management, AMRS Guidance, AMRS
Airbase Requirements and Acquisition	Acquisition, Requirements	Functional, Requirement, Capability, RTD&E, Research Development, Needs Assessment, Analysis, R&D, JCIDS
Aircraft Arresting Systems (AAS)	Electrical Power Production (3E0X2), TNAP Support Systems (Barriers/Barricades/AAS) Sub-AMP	BAK, AAS, MAAS, pendant, fairlead beam, BAK 14, overhaul, polypad, donuts, arresting, hook skip, engagement, barrier, anchor, equipment, certification, tape, run out
Airfield Geometry		surfaces, incursions, obstructions, Airfield waiver, approach zone, geometry
Airfield	Engineering (3E5X1), Structures (3E3X1)	retroreflective, painting, restriping, rubber, removal, markings, reflective

9:03 PM 5/18/2017

FOUO, Common Access Card (CAC) - Enabled

Air Force Civil Engineer Center



Civil Engineer Maintenance, Inspection and Repair Team

Battle Ready ... Built Right!



Civil Engineer Maintenance, Inspection, and Repair Team (CEMIRT)



■ Mission

Provide specialized routine and emergency maintenance, installation and repair support on electrical distribution and power generation systems; aircraft arresting systems (AAS); industrial control systems (ICS); and heating, ventilating and air conditioning (HVAC) systems.



■ Roles & Responsibilities

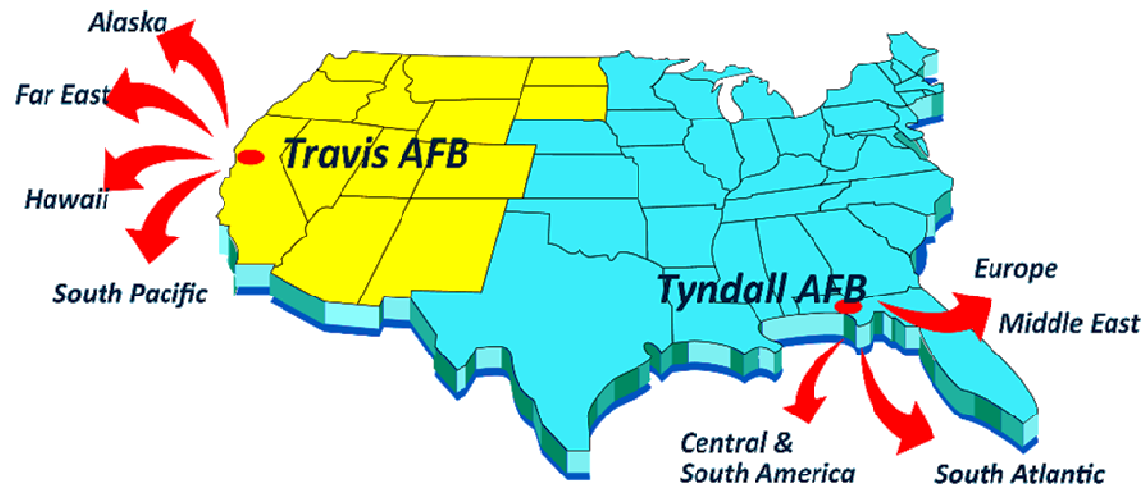
- Aircraft Arresting System (AAS) Overhauls/Installation Support
- HVAC Systems Support
- Electrical Distribution Systems Support
- Power Generation Systems Support
- Industrial Control Systems (ICS) Support
- CEMIRT Emergency Power Systems (CEPS)
- Technical & Logistics Support
- Real Property Installed Equipment Reutilization Program
- Emergency/Natural Disaster Response Assistance





CEMIRT

Response Regions



Travis

Home to the Air Force's in-house repair and overhaul facility.

- Provides Power Production and Electrical support at bases in the Western U.S., the Pacific basin, Southeast Asia, Alaska, Australia, and the Indian Ocean area.

Tyndall

Home to the HVAC team and the in-house AAS overhaul facility.

- Provides Power Production and Electrical support at bases in the Eastern U.S., Europe, Southwest Asia, Central America and the South Atlantic region.
- HVAC team provides worldwide support and the AAS program provides overhaul for bases throughout CONUS.

Industrial Control Systems

Based at Tyndall the Industrial Control Systems Branch:

- Provides AF level support in the areas of certification and accreditation of ICS
- Provides technical support in the design, installation, and sustainment of ICS
- Supports AF and DoD programs with subject matter expertise in the fields of industrial automation and cyber security of ICS



QUESTIONS?





AFICA Launch Pad



<https://cs.eis.af.mil/sites/10074/afcc/afica/sslp/sslp.aspx>



Air Force Contracting Central Home - AF Installation Contracting Agency Directories Operating Locations Numbered Units Commodity Councils

Search this site

Air Force Installation Strategic Sourcing (SS) Launch Pad



AFICA Launch Pad



Home of Enterprise Sourcing Solutions

Questions: email afica.k

Facilities and Construction Category

Airfield Rubber/Paint Removal & Restriping (R3) – 11 AF Bases in Texas, New Mexico, Oklahoma, and Kansas.
Provides skill professional contract support using state-of-the-art equipment and approved processes.

Architect-Engineering 2013 (A-E13) Design and Construction Services (DCS)
Sustainment, restoration, modernization, and other areas of essential support for Military Construction (MILCON), Military Family Housing (MFH)

Architect-Engineering (A-E13) – Environmental Services (ES)
Includes requirements for A-E services in support of the AF Civil Engineer's environmental programs areas.

Construction – Sustainment, Restoration, & Modernization Task Order Contract (SATOC) – 5% SB, 5% MOSB, 5% DOSB
Sustainment, restoration, & modernization task order contract including design, construction, implementation, demolition, repair, etc.

Elevator maintenance, repair, and inspection services. – MANDATORY USE – CONUS, AK, & HI
Maintenance and repair services for AF vertical transportation equipment (VTE)

Roofing - MANDATORY USE - CONUS – 100% SB
Replace & repair commercial low- & steep-slope roofs on active duty, AF-led CONUS facilities

--- TRAINING for CE Roof Repair & Replacement Contract

Taxiway Lighting – MANDATORY USE – CONUS, AK, & HI – 50% SB
Current incandescent taxiway lighting fixtures in use on airfield with LED taxiway fixtures. Includes elevated and in-pavement LED taxiway lighting fixtures, with and without an arctic heater.

Tools and Parts Program (AFTAPP) – CONUS & OCONUS - 80% SB
Hardware, hand tools, electrical supplies, adhesives & sealants, industrial filtering, HVA parts & supplies, compressors, paint, etc.

Office Management Category

Executive Office Furniture – MANDATORY USE – CONUS – 100% SB
Executive furniture for private office, conference room, and reception area with accessories.

Systems and Modular Furniture – MANDATORY USE – CONUS – 100% SB participation in Tier II level
Monolithic and stackable cubicle systems, freestanding modular desks, demountable walls, accessories, design, and installation.

Office Seating – MANDATORY USE – CONUS – 40% SB
Executive level desk chairs, guest chairs, task and conference room chairs.

Office Supplies – MANDATORY USE – CONUS – 96% SB
Copier papers, computer paper, labels, toner, inkjet cartridges, binding & filing supplies, calendars & organizers, mouse pads, wrist rests, anti-glare screens, screen cleaning supplies, media storage, keyboard drawers, pens, pencils, highlighters, markers, clocks, stools, picture frames, wastebaskets, etc.

TRAINING for Office Management Portfolio Contract Vehicles
How to use the Executive Office Furniture, Filing & Storage, systems and Modular Furniture, Office Seating, and Office Supplies programs.

Weapons and Ammunition Category

Defensor Fortis – Load Carrying System 2 – MANDATORY USE – CONUS & OCONUS – 100 % SB
Camouflage harness system with 36 equipment-carrying attachments.

Explosive Ordnance Disposal (EOD)
On-site EOD support services of accountability, documenting EOD training, maintaining demolition equipment, drafting plans & procedures, reviewing EOD technical reports, and more.

Security Forces' Under Body Armor Shirt – MANDATORY USE – CONUS & OCONUS – 100% SB
Non-flame resistant version of combat shirt. Security Forces' mission essential gear meet.pdf

Information Technology Category

Cellular Services and Devices – MANDATORY USE – CONUS – 0% SB
BPAs for four US cellular companies to offer a consolidated one-stop shopping for devices and services

Client Computing and Servers – MANDATORY USE – CONUS & OCONUS – 50% SB
Desktop, laptop, and monitor products.

!!!NEW!!!Client Computing Solutions (CCS-2) – MANDATORY USE – CONUS & OCONUS – 67% SB
Desktop, laptop, and monitor products.

!!!NEW!!!Comparing and Contrasting IT Commodity Council and NETCENTS-2 Products

Digital Printing and Imaging – MANDATORY USE – CONUS & OCONUS – 67% SB
Commercially-available business-class digital printing and imaging devices to include digital network printers, network multifunction devices, associated ink/toner, cartridges/supplies, replacement parts and associated services

Information Technology Software – Mandatory Use
Commercial software, enterprise licensing, and Software as a Service (SaaS)

NETCENTS 2 – MANDATORY USE – CONUS & OCONUS
The Network-Centric Solutions-2 (NETCENTS-2) contracts provide the Air Force with a primary source of NetCentric and IT products, services, and solutions.

Tablets for Electronic Flight Bags (EFBs) and Electronic Technical Orders (ETOs) - NETCENTS-2 Mandatory Use - Conus and OCONUS

Professional Services Category

OASIS
Multiple-award, Indefinite Delivery Indefinite Quantity (IDIQ) contracts that provide flexible and innovative solutions for complex professional

<https://cs.eis.af.mil/sites/10074/afcc/afica/sslp/Launch%20Pad%20Documents/R3%20Essential%20gear%20meet.pdf>