

Air Force Civil Engineer Center

Integrity - Service - Excellence



**Welcome to the
Air Force Civil
Engineer Center
Industry Forum**

22 Aug 2013



Agenda

- **0800-0810-Opening Remarks**
 - **0810-0945- AFCEC Business Opportunities**
 - Planning and Integration Directorate (CP)-Enterprise Procurement Division (CPE)
 - Facility Engineering Directorate (CF)
 - Environmental Directorate (CZ)
 - Energy Directorate (CN)
 - Installations Directorate (CI)
 - ***0945-1000 Break***
 - **1000-1130 AFCEC Contract Vehicles**
 - Enterprise Procurement Division (AFCEC/CPE)
 - 722 Enterprise Sourcing Squadron (ESS)
 - AFCEC/CFMB
 - Small Business (ESS/SB OL)
 - **1130-1200 Questions & Answers**
-



Administrative

■ Question Cards

- Available for questions & comments at the registration desk
- Please write all questions on the cards provided so that a formal response may be provided
- Briefing slides & official answers to all questions will be posted
 - FedBizOpps (keyword search AFCEC)
 - AFCEC Business Opportunities Webpage at www.afcec.af.mil
- Registered attendees will be notified when answers are posted

■ Evaluation Forms

- Request that you please take time to complete an evaluation form and return it to the registration desk or staff member
- Your feedback helps us measure the return on our investment and drives the content for future Industry Forums

*Staff support is available to assist with logistical questions/issues and are identified by **Staff** ribbons attached to their name badges*

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Planning & Integration Directorate— Enterprise Procurement Division

Tammy O'Neill

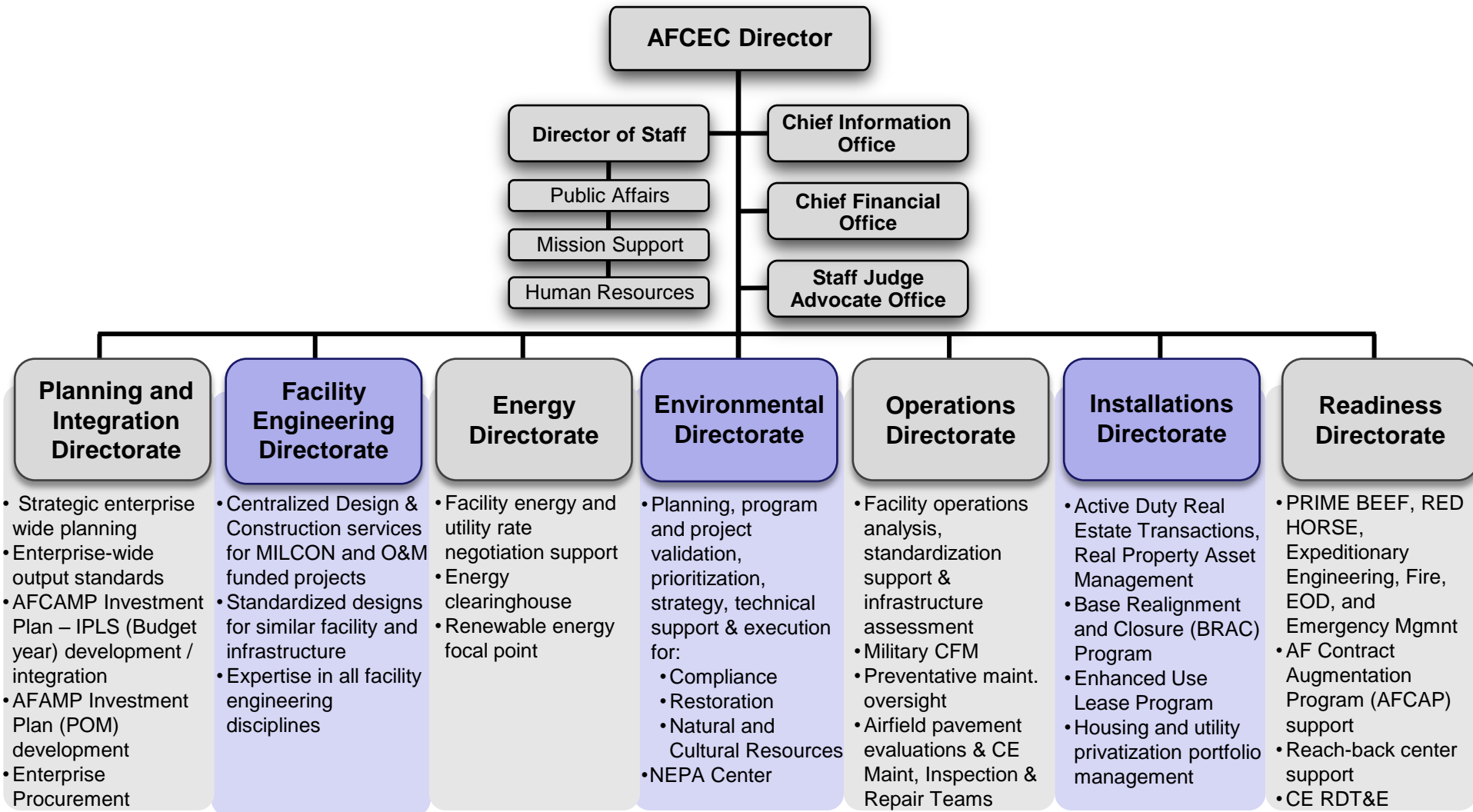
Deputy, Enterprise Procurement Division

AFCEC/CPE

22 Aug 2013



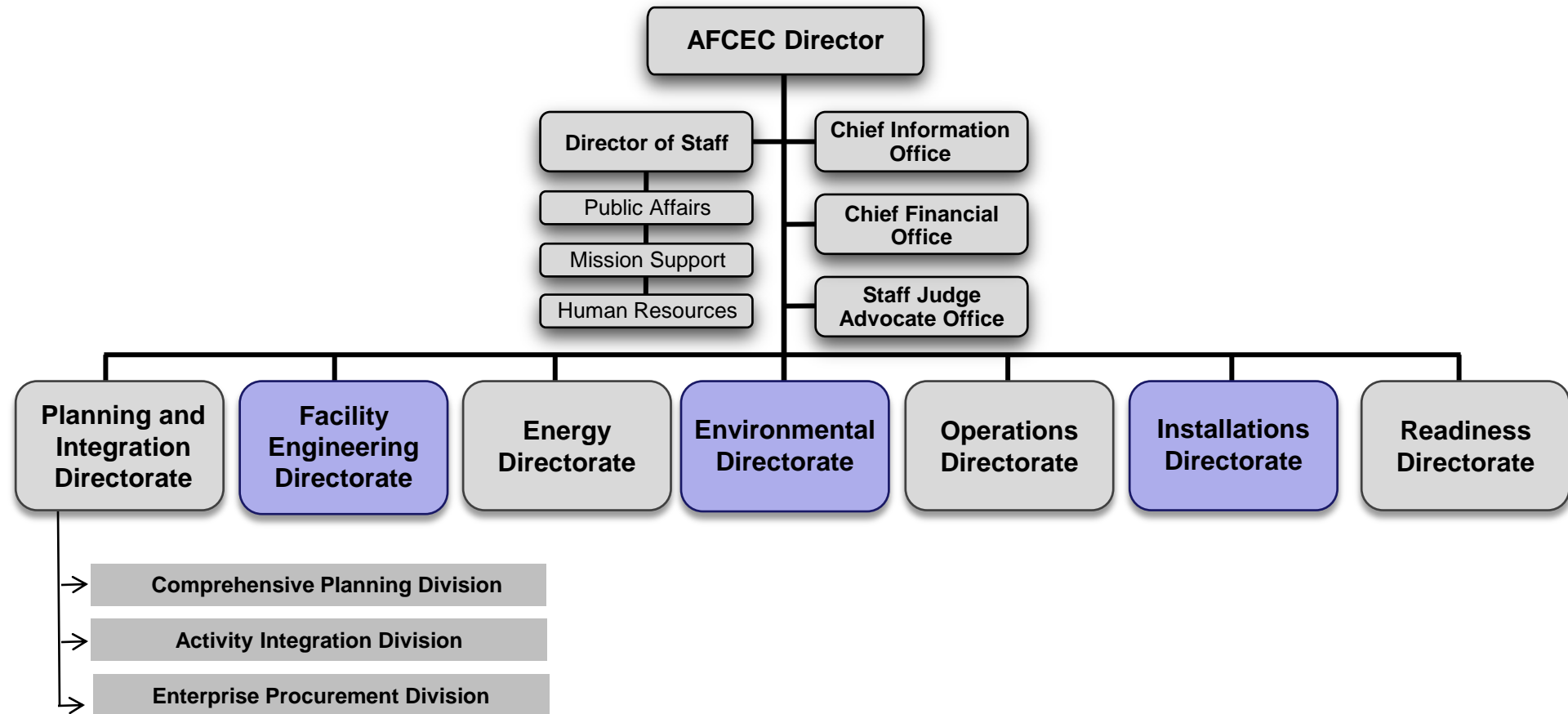
AFCEC Organization



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Enterprise Procurement

Strategic Sourcing

(thru ESG/771 ESS CECC)
CE Enterprise Commodities
Base CE Maintenance Services (Not A76)

- Critically analyze CE's spending relative to requirements
- Use info to make business decisions
- Acquire CE enterprise commodities & base CE maintenance services (not A76) more effectively & efficiently

Strategic Acquisition

(thru ESG/772 ESS-AFCEC)
CE Enterprise Services
Const, A&E, A&AS, BOS, Contingency –AFCAP

- Establish flexible contractual programs
- Acquisition strategies must support timely execution
- May include smaller/more frequent acquisitions
- Our industry partners, are critical to our success!!

Strategic Partnering

Other AF & Non-AF Contracting Activities
(MAJCOM/Base, USACE, NAVFAC, DLA, etc.)

- Establish partnerships to meet specific AFCEC execution mission requirements
- Ensure tools are available regardless of execution agent



Enterprise Procurement

- **Manage ~\$35B AFCEC contract portfolio**
- **Integrate strategic acquisition & strategic sourcing opportunities across AFCEC business lines**
- **Acquire strategic contracts**
 - **Provide program management for acquisitions**
 - **Work w/ AFCEC Directorates to develop requirements**
- **Establish partnerships with other execution agencies to meet specific AFCEC mission requirements**
- **Promote consistency & standardization of processes across the organization**

Enterprise Procurement = Enterprise Buying Power



Managing Risk with Source Selections

Past acquisition strategies not supportive of timely execution of CE requirements

Barriers to Success

- *Acquisition policy changes*
- *Organizational changes*
- *#, level, timeliness of reviews*
- *Incomplete requirements definition*
- *Early key stakeholder involvement*
- *Selection of appropriate acquisition strategy & evaluation criteria*
- *Not utilizing delegated authorities*



Strategies

- **Migrate to small, targeted contract suites (products or regions)**
 - -Numerous source selections may be accomplished yearly
 - -Increase management for each contract set
- **Partner w/ other Agencies to share contract ceiling**
- **Explore other execution avenues**
- **Utilize designated authority at AFCEC level**
- **Integrating CE staff into SAF/AQC processes, improving relationships & overcoming barriers**
- **Continue participating in CE Commodity Council to identify strategic sourcing opportunities**
- **Continue to look for new strategies to execute AFCEC mission**
- **Ensure right tools are available to execute AFCEC mission regardless of execution agent**



Enterprise Procurement

- **AFCEC must implement best practices to find efficiencies**
 - **Sequestration is real & here to stay**
- **Need acquisition strategies that support timely execution**
- **Ensure tools are available regardless of execution agent**
- **Strategic acquisition & partnering will be our overall strategy for meeting requirements...at all levels**
- **You...our industry partners, are critical to our success!!**

***Contact the AFCEC
Enterprise Procurement Division at 210-395-8081***



AFCEC Contact

To contact AFCEC:

Afcec.pa@us.af.mil

Toll free telephone:

[1-866-725-7617](tel:1-866-725-7617)

On the web at: www.afcec.af.mil

**Follow Air Force Engineering and
AFCEC on Facebook at:**

www.facebook.com/#!/AirForceCE



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Facility Engineering Directorate

Business Opportunities



**Roger Lozano, P.E.
Chief, Mobility/Support Forces D&C
(AFCEC/CFM)**

22 Aug 2013



FY14 Centralized Program

S/R&M – Pre-Decisional

- **FY14 IPL will be briefed at CE Council**
- **Preliminary Strategic Discussions**
 - **Large Sustainment >\$5M**
 - **FY14 funding – \$65M**
 - **Runways and pavement projects**
 - **All Restoration and Modernization**
 - **FY14 funding – \$200M**
 - **Facilities, infrastructure, utilities, and fire protection upgrades**
 - **Execution Models – 50% DB and 50% DBB**
 - **Execution Agents – Local Base Contracting, USACE, AFCEC**



FY14 Centralized Program

S/R&M – Pre-Decisional



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FY14 Centralized Program

S/R&M – Pre-Decisional





FY14 Centralized Program

By Work Type – Airfield/Pavements

Installation	Project Name
LUKE AIR FORCE BASE	NAF COMPANION - PREPARE SITE FOR NEW TLF
TYNDALL AIR FORCE BASE	CONSTRUCT ACCESS ROAD, AAFES SHOPPETTE, B970
GRAND FORKS AIR FORCE BASE	AORI-REPAIR (R&M) PAPI'S & MULTIPLE AIRFIELD OBSTRUCTIONS
SHAW AIR FORCE BASE	REPR PATROL ROAD
MINOT AIR FORCE BASE	Repair Runway Center Keel and Asphalt
SPANGDAHLEM AIR BASE	UPGRADE FLIGHTLINE SECURITY MEASURES AT RWY 23 END
CHARLESTON AIR FORCE BASE	REPAIR CAFB TAXIWAY KILO PAVEMENTS AND HOT CARGO PADS
RAMSTEIN AIR BASE	AORI-AIRFIELD OBSTRUCTION REMOVAL ADJACENT TO RWY 09/27
ANDREWS AIR FORCE BASE	REPLACE TAXIWAY SIERRA FAC 90020
SEYMOUR JOHNSON AIR FORCE BASE	CONSTRUCT/REPAIR F-15E RAMP PAVEMENT
SEYMOUR JOHNSON AIR FORCE BASE	CONSTRUCT/REPAIR F-15E RAMP PAVEMENT
KIRTLAND AIR FORCE BASE	Repair Stallion AAF Runway



FY14 Centralized Program

By Work Type – Infrastructure/Utilities

Installation	Project Name
ANDREWS AFB	INFRA REPR SWITCH GEAR, TRANSFORMER, MAIN SUBSTATION BLDG 1870
MINOT AIR FORCE BASE	MILCON Fuel line Companion Project
USAF ACADEMY	APF Infrastructure Support for NAF Major Construction
MISAWA AIR BASE	Replace Transformer and Fuel Tank, B939 Freq Conv
USAF ACADEMY	Rpr CRAC Unit to Backup Generator - 5130 Comm Bldg
USAF ACADEMY	Rpr HTHW - Phase 2
TYNDALL AIR FORCE BASE	PROVIDE UTILITIES FOR PRIVATIZED MILITARY SERVICE STATION
SCOTT AIR FORCE BASE	REPAIR (R&M), Inlet Mains, WWTP
CAPE CANAVERAL AIR STATION	Construct Water Line from Fac 59630 to Fac 1207A (LET)
LUKE AIR FORCE BASE	INSTALL NEW WATER WELL TO REPLACE WELL 11
LANGLEY AIR FORCE BASE	Replace Overhead 5KV Feed with Underground, behind F. 256
DYESS AIR FORCE BASE	Constuct Water Main Cantonment Area
OFFUTT AIR FORCE BASE	REPAIR WATER MAINS, STRATCOM



FY14 Centralized Program

By Work Type – Infrastructure/Utilities

Installation	Project Name
CHEYENNE MOUNTAIN AIR STATION	Repair Cooling Tower Platforms
MAXWELL AIR FORCE BASE	REPL NATURAL GAS DIST SYS PH 1
KUNSAN AIR BASE	REPAIR T-SPLICE CONNECTIONS ON HV UG CABLE FEEDER C
MAXWELL AIR FORCE BASE	REPL WATER MAINS, PH 1 MAXWELL
ELMENDORF AIR FORCE BASE	CONSTRUCT PHYSICAL SECURITY WATER RESERVOIR
FRANCIS E WARREN AIR FORCE BASE	CONSTRUCT CROW CREEK SANITARY LIFT STATION
BELLOWS AIR FORCE STATION	REPLACE EXISTING LARGE CAPACITY CESSPOOLS, BELLOWS AFS



FY14 Centralized Program

By Work Type – Construct/Repair/Renovate

Installation	Project Name
KADENA AB	REPAIR HAS DOORS, MULTI
SPANGDAHLEM AIR BASE	REPAIR AFOSI FACILITIES, BLDG 317 & 318
BUECHEL AIR BASE	CONSTRUCT SCC-ARMORY-LMF (US-SHARE)
KLEINE BROGEL AIR BASE	CONSTRUCT KB MUNSS OPS CENTER-COMMAND POST-RMF (US SHARE)
KLEINE BROGEL AIR BASE	CONSTRUCT KB VAULT SUPPORT FACILITY (US SHARE)
LANGLEY AIR FORCE BASE	Repair MCSS, F. 254
USAF ACADEMY	Const/Rpr Munitions Storage
USAF ACADEMY	Rpr Cadet Gym Ph 6/7
USAF ACADEMY	Rpr Pedestrian Bridges-Fairchild
USAF ACADEMY	Rpr Mitchell Hall, Ph 8
USAF ACADEMY	Title II, Rpr Mitchell Hall, Ph 8
NELLIS AIR FORCE BASE	REPAIR MILITARY CLOTHING STORE, MAIN EXCHANGE BLDG 431
AVIANO AIR BASE	(US SH) CONSTRUCT MUNITIONS STRGE MODULES ZULU LOOP



FY14 Centralized Program

By Work Type – Construct/Repair/Renovate

Installation	Project Name
PATRICK AIR FORCE BASE	Construct/Relocate Airfield Rotating Beacon
DAVIS-MONTHAN AIR FORCE BASE	Cns/Rpr (Add/Renovate) Vehicle Ops, 4701
DAVIS-MONTHAN AIR FORCE BASE	Rpr (Renovate) PMEL (1027)
KADENA AIR BASE	REPAIR BUILDING 3670
KADENA AIR BASE	REPAIR BUILDING 3671
DAVIS-MONTHAN AIR FORCE BASE	Rpr (Renovate) 358th AMU, Fac 5430
PACIFIC AIR FORCES	Repair HQ Building 1102 (HQ PACAF) - Ph 5
VANDENBERG AIR FORCE BASE	RPR: 30 OG & JSpOC Consolidation into 7000,7015,7025
JOINT BASE FT SAM HOUSTON	RENV-Correct FSDs & Renovation, Multiple Facilities
LANGLEY AIR FORCE BASE	Construct Bullet Trap/Repair CATM Range, F. 1015
MINOT AIR FORCE BASE	REPAIR ALCM MX TRAINING FACILITY - BLDG 1113
SCOTT AIR FORCE BASE	REPLACE, Popup Barriers, Gates, Basewide
RAF CROUGHTON	CONSTRUCT ECP SATCOM



FY14 Centralized Program

By Work Type – Construct/Repair/Renovate

Installation	Project Name
LANGLEY AIR FORCE BASE	Repair/Renovate Interior, 633 CONS F. 90
SHAW AIR FORCE BASE	REPR CATM VENTILATION, B1833
MACDILL AIR FORCE BASE	REPAIR DINING FAC HVAC SYSTEM, BLDG 26
BEALE AIR FORCE BASE	REPAR HVAC INTEL FAC, B2145



FY14 Centralized Program

By Work Type – Life/Health/Safety

Installation	Project Name
NELLIS AIR FORCE BASE	CNST AREA 2 FIRE STATION (RED HORSE)
FORT EUSTIS	Repair Fire Suppression Training Barracks, Bldg 811
FORT EUSTIS	Repair Fire Suppression Pumps Hanger Pump House Bldg 2404
NELLIS AIR FORCE BASE	RPR FIRE SUPPRESS & ALARM SYS, HANGARS 290, 239, 226, 61664
KUNSAN AIR BASE	REPAIR FIRE PROTECTION SYSTEM, PHASE HANGAR B2242
YOKOTA AIR BASE	Improve Fire Protection and Life Safety, B1503
NELLIS AIR FORCE BASE	RPR FIRE SUPPRESS SYSTEM, BLDG 222 & 224
LAKE KICKAPOO SPACE SURVEILLANCE STATION	REPAIR FIRE ALARM SYSTEM
VOGELWEH FAMILY HOUSING ANNEX	ADD/ALTER FIRE STATION # 6



Takeaways

- **FY14 Integrated Project Listing will not be finalized until end of fiscal year**
 - **FY13 final funding resolution**
 - **Assess/adjust SRMD scoring model, if appropriate**
- **Greater emphasis on “best fit” execution agent and strategic acquisition efficiencies**
 - **Maximize Base and AFCEC capacity then alternate agents**
- **AFCEC to issue both Auth-to-Advertise & Auth-to-Award**
 - **Earlier ATAdv**
 - **Longer bid periods preferred**

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Environmental Directorate Business Opportunities

**Mr. Eldon Hix, Director
Ms. Brenda Roesch, Deputy Director
AFCEC/CZ
22 Aug 13**



Realities

- **Sequestration is real and it's here**
- **Must offset rising compliance costs through savings from implementation of enterprise contracts**



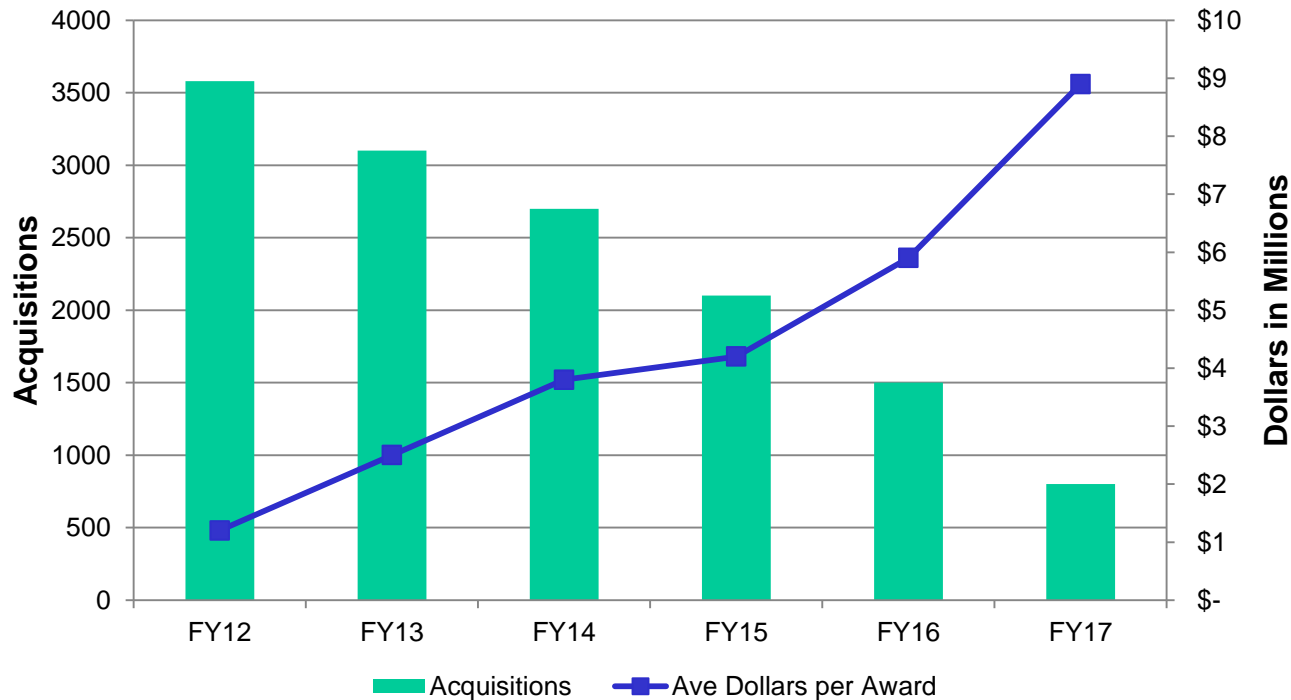


Strategic Vision/End State

- **True Enterprise Sourcing implemented**
 - **“Right-level” requirements implemented and standardized**
 - **Total overhead reduced**
 - **Installation funding migrated and centrally managed**
 - **Contract vehicles aligned for emerging requirements**
 - **Agile/effective/efficient acquisition tools in place**
 - **Fence-to-fence env services allowing basic w/ option years**
 - **Media-focused IDIQ contracts allowing bridging strategy with fence-to-fence**
 - **FY14 Haz Waste Mgt and Cultural/Natural Resources**
 - **FY14/15 Water Quality and Air Quality**
 - **Continued Performance-Based Remediation flight plan for Env Restoration**
-



Trending towards True Enterprise Sourcing



- Longer Periods of Performance
- Geocentric aggregation
- Reasonable partitions that enable competition
- Merging across the environmental stovepipes

5 to 7 Year Process

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Environmental Fiscal Year Defense Program (FYDP) Acquisition Strategy

Order Period	FY13 Task Orders	FY14 Task Orders	FY15 Task Orders	FY16 Task Orders	FY17 Task Orders	FY18 Task Orders	FY19 Task Orders	FY20 Task Orders	FY21 Task Orders	Vehicle Ceiling Totals
1st Quarter	Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M					\$50M
2nd Quarter	Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M					\$50M
2nd Quarter	Base: \$25M	Opt 1: \$25M	Opt 2: \$25M	Opt 3: \$25M	Opt 4: \$25M					\$125M
3rd Quarter	Base: \$20M	Opt 1: \$20M	Opt 2: \$20M	Opt 3: \$20M	Opt 4: \$20M					\$120M
3rd Quarter	Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M					\$50M
4th Quarter	Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M					\$50M
	Total: \$85 M 20% of ECOE Mature LOE									
1st Quarter		Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M				\$50M
2nd Quarter		Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M				\$50M
2nd Quarter		Base: \$25M	Opt 1: \$25M	Opt 2: \$25M	Opt 3: \$25M	Opt 4: \$25M				\$125M
3rd Quarter		Base: \$20M	Opt 1: \$20M	Opt 2: \$20M	Opt 3: \$20M	Opt 4: \$20M				\$120M
3rd Quarter		Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M				\$50M
4th Quarter		Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M				\$50M
	Total: \$85 M 20% of ECOE Mature LOE									
1st Quarter			Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M			\$50M
2nd Quarter			Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M			\$50M
2nd Quarter			Base: \$25M	Opt 1: \$25M	Opt 2: \$25M	Opt 3: \$25M	Opt 4: \$25M			\$125M
3rd Quarter			Base: \$20M	Opt 1: \$20M	Opt 2: \$20M	Opt 3: \$20M	Opt 4: \$20M			\$120M
3rd Quarter			Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M			\$50M
4th Quarter			Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M			\$50M
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1st Quarter				Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M		\$50M
2nd Quarter				Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M		\$50M
2nd Quarter				Base: \$25M	Opt 1: \$25M	Opt 2: \$25M	Opt 3: \$25M	Opt 4: \$25M		\$125M
3rd Quarter				Base: \$20M	Opt 1: \$20M	Opt 2: \$20M	Opt 3: \$20M	Opt 4: \$20M		\$120M
3rd Quarter				Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M		\$50M
4th Quarter				Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M		\$50M
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1st Quarter					Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M	\$50M
2nd Quarter					Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M	\$50M
2nd Quarter					Base: \$25M	Opt 1: \$25M	Opt 2: \$25M	Opt 3: \$25M	Opt 4: \$25M	\$125M
3rd Quarter					Base: \$20M	Opt 1: \$20M	Opt 2: \$20M	Opt 3: \$20M	Opt 4: \$20M	\$120M
3rd Quarter					Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M	\$50M
4th Quarter					Base: \$10M	Opt 1: \$10M	Opt 2: \$10M	Opt 3: \$10M	Opt 4: \$10M	\$50M
	Total: \$85 M 20% of ECOE Mature LOE									

- Strategy: Within 3 mos, of parent vehicle ceiling reserved in full for 5 year Period

- Primarily designed for mature recurring workload

End State: 80% task orders awarded as options w/order size of \$1M



Challenges

■ Financial Resources

- Ceilings
- Sequestration tap dance
- Manpower ramps in support activities

■ Acquisition

- Contract acquisition lead time (EOS transmigration)
- Sizing the next bridge contracts
- Synchronizing project Period of Performance

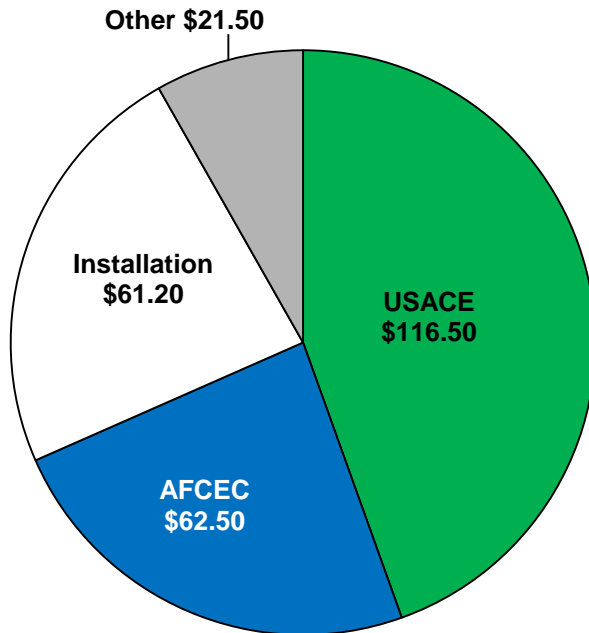
■ Reducing overhead, consolidating manpower, managing manpower in the field

■ Construction Surveillance

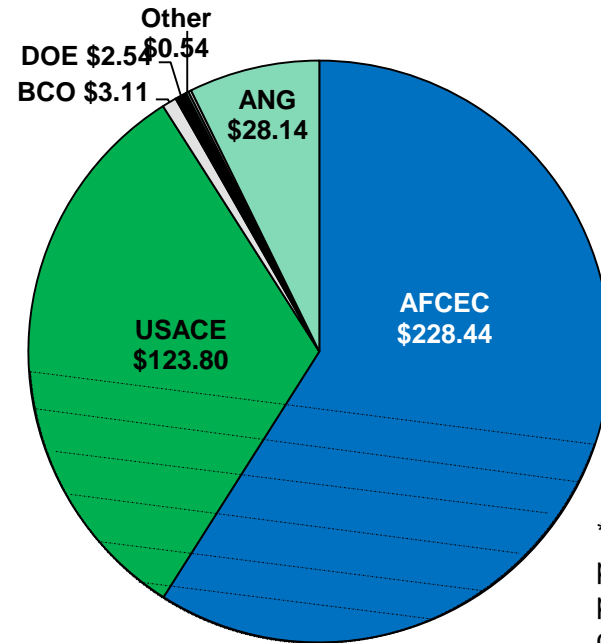
- Document processing
- Impact on cash flow?



FY 14 Program Plan by Agent



Environmental Quality
(minus Civ-pay)
TOTAL: Between \$200M-
\$262M



Environmental
Restoration (minus
Civ-pay)
TOTAL: \$387.21M

* Roughly half of
programmed funds are
pre-negotiated options
on Performance-Based
Remediation contract

Preliminary FY14 Data as of 12 Aug 13



Up and Coming Major Env Quality Acquisitions

Major Acquisition	Ceiling	Projected RFP	Type and Agent	Projected Award
Hazardous Waste Mgt Services, IDIQ	\$40M	Nov 2013	MATOC, USACE, Tulsa	Mar 2014
Cultural/Natural Support Services, IDIQ	\$20M	Aug 2013	MATOC, USACE, Ft Worth	Sep 2013
Hazardous Waste Mgt Services, IDIQ	\$49M	Jul 2013	MATOC, USACE, Omaha	Oct 2013
Env Services (NAICS 562910), IDIQ	\$49M	Oct 2013	MATOC, USACE, Mobile	Dec 2013
Env & HazWaste Mgt Services, IDIQ	\$49M	Sep 2013	MATOC, USACE, Sacramento	Mar 2014
Env Services - CONUS	\$95M	Jun 2013	MATOC, GSA	Aug 2013
Env Services – CONUS (GSA and 772 nd)	\$95M	Jun 2013	MATOC, GSA	Aug 2013
East Regional Support Team (RST) Env Services	\$45M	Oct 2013	MATOC, 772ESS	Mar 2014
USAFE-RST Env Services	TBD	Jan 2014	MATOC, 772ESS	Jun 2014
West-RST Env Services	TBD	Jul 2014	MATOC, 772ESS	Jan 2015
Midwest RST Env Services	TBD	Oct 2014	MATOC, 772ESS	Mar 2015
PACAF-RST Env Services	TBD	TBD	MATOC, 772ESS	TBD



U.S. AIR FORCE

FY 14-16 Performance-Based Remediation Contracts

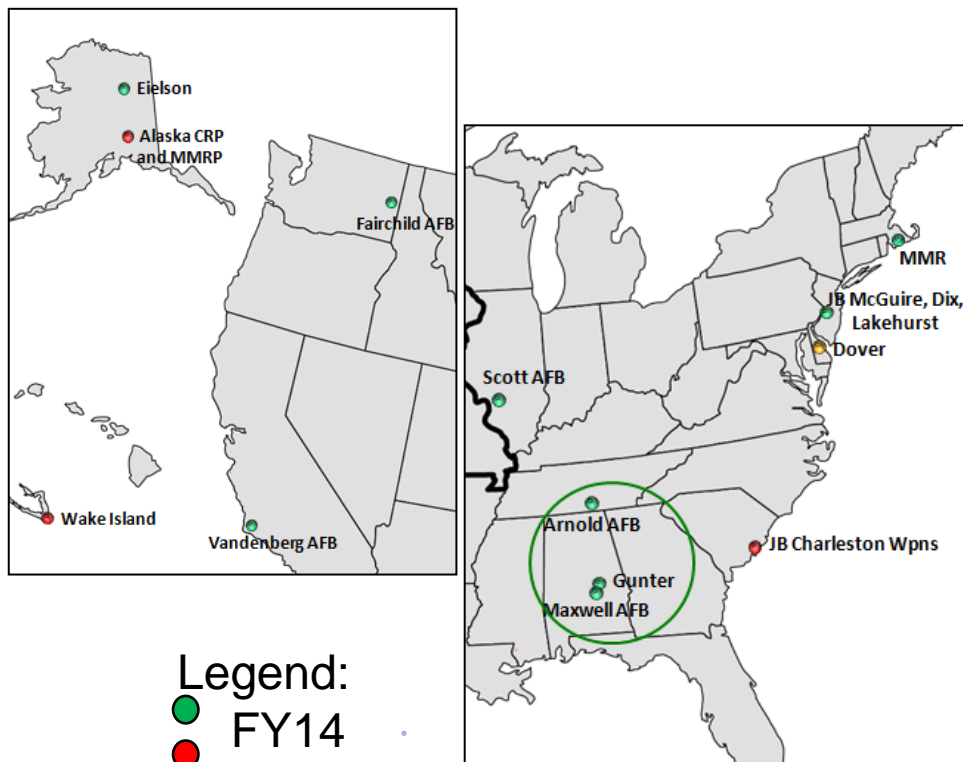
Groups and Installations

Installation/Group	# Sites Captured	Projected Final RFP Date
Vandenberg AFB (“C” Contract Full & Open)	107	8-Mar-13
Scott AFB	30	21-Aug-13
Massachusetts Military Reservation	27	29-Aug-13
Fairchild AFB	61	21-Nov-13
Eielson AFB	110	21-Jan-14
Joint Base McGuire Dix Lakehurst	109	6-Jan-14
Alabama-Tennessee Group (Maxwell/Gunter/Arnold)	54	4th Qtr FY14
Joint Base Charleston Weapons – FY15	40	TBD
Dover AFB FY16	TBD	TBD
Totals	571 sites	

Approximate total value \$471M FY14 - 24

FY14 approx value	~\$87M	FY14
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Map of FY14-16 Installations





Recommendations on How To Get the Work

- Regularly visit FedBizOps at: <https://www.fbo.gov>. Respond to RFIs and RFPs.
- Air Force specific solicitations from AFCEC will also be posted at: <http://www.afcee.lackland.af.mil/contracting/contractors.asp>
 - Helpful Hint: Left banner Index also provides links to other contracting agencies such as US Army Corps of Engineers and General Services Administration.
- Remember: The Air Force Environmental Program is now centralized at AFCEC. While installations may appreciate your marketing efforts, contracting decisions are made centrally.

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Energy Directorate

Lt Col Susan Riordan-Smith
Chief, Enterprise Procurement Division
22 Aug 2013



Overview

- **Facility Energy Direct Funding Programs**
- **Energy Savings Performance Contracts**
- **Renewable Energy Projects**
- **Utilities Privatization**



Facility Energy Programs

(Direct Funding)

■ Energy Conservation Investment Program

- ~ \$38M - OSD oversight
- Design – AFCEC execution via 4PAE
- Construction – AFCEC execution via SATOC

■ Energy (NRG-SRM) Focus Funds

- ~\$200M - AFCEC Managed
- Design – Base preference execution
- Construction – Base preference execution

■ Energy Initiative

- ~\$20M – AFCEC Managed
- REMs and Labor Support
- Pilot project development and execution



Energy Saving Performance Contracts (ESPC)

■ **ESPC definition:**

- **Provide conservation measures resulting in net decrease in future energy or water costs**
- **Contractor finances, designs, implements, operates, maintains, and owns infrastructure improvements**
- **Contractor paid from generated savings over time**

■ **DOE ESPC is the AF's preferred contract**

- **16 pre-qualified Energy Service Contractors (ESCO's)**
- **Any/all 16 ESCO's may propose on each project**

■ **ESCOs remain free to**

- **Introduce and/or share conceptual energy conservation ideas**
- **Marketing literature or conceptual ideas proposed may be shared with other AF organizations and must be presented in a non-proprietary document**



Released NoO

Robins AFB

Largest Industrial Complex in Georgia



- **Optimize central plant**
- **Net Zero dormitory complex**
- **Install/Upgrade base wide energy control system**
- **Retro-commission top 40 energy intense facilities**



Released NoO

Peterson AFB

Home of Air Force Space Command



- **Reduce the energy intensity in 40 energy intense facilities**



Released NoO

Edwards AFB

First AF Data Center Consolidation ESPC

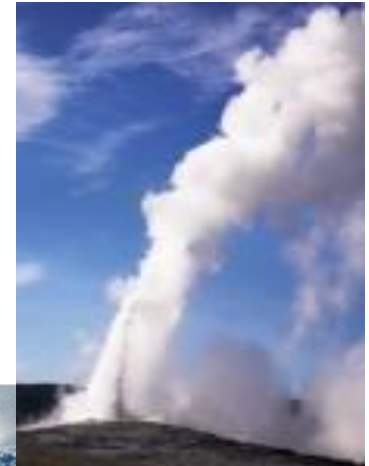


- **Reduce the energy use and footprint of 14 data centers**
- **Upgrade/consolidate telephone switch facility**
- **IT driven effort**



Renewable Technologies

- **Solar**
- **Wind**
- **Biomass**
- **Landfill Gas**
- **Geothermal**
- **Ocean**
- **Hydropower**
- **Waste to Energy**
- **Ground Source Heat Pumps**





Renewable Energy Procurement

- **On-site RE project development methods**
 - Direct AF investment (ECIP or SRM/NRG)
 - Renewable Energy Power Purchase Agreements (REPPAs)
 - Utility/Third Party Funded
- **REPPA advantages over direct AF funded projects**
 - REPPA Developer can hold and sell RECs in the marketplace
 - REPPA Developer can leverage RE incentives and tax benefits
 - REPPA Developer/Utility respond to State driven Renewable Portfolio Standard (RPS)
- **Direct funded projects less economical than REPPA**
 - AF cannot currently sell RECs or leverage benefits
 - AF must maintain and operate

REPPA provides lower cost solutions for RE goals



Increase Supply – Installations:

Planned for 2013 - 2015

GOAL

Increase use of renewable energy to 25% by 2025

Location	Source	KW Capacity	Year (CY)
Otis ANG, MA	PV	6,000	2013
Luke AFB, AZ	PV	15,000	2014
Vandenberg AFB, CA	PV	10,000	2014
Joint Base McGuire, Dix, Lakehurst	PV	10,000	2014
McConnell AFB, KS	Wind	8,000	2014
Robins AFB, GA	PV	2,900	2014
Laughlin AFB, TX	PV	10,000	2015
Vandenberg AFB, CA	Wind	20,000	2015
Dyess AFB, TX	PV	5,400	2015





Utilities Privatization (UP)

- **Privatizes utility systems on installations**
 - **UP Privatizes Infrastructure, Not the Commodity**
- **Results in:**
 - **50-year utility service contract**
 - **Bill of sale (signed by SAF/IEI and system owner)**
 - **Systems maintained and operated at industry standard**
- **DLA Energy - AF preferred contracting office**
 - **DLA RFP Release Schedule Website**
http://www.energy.dla.mil/energy_enterprise/Pages/default.aspx
- **GSA and 10 CONS continue to release RFP's**

Air Force Civil Engineer Center

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Air Force Enhanced Use Lease Program

Mr. Brian E. Brown
Chief, Strategic Asset Utilization Division
22 Aug 13



Enhanced Use Leases

- **An EUL is a lease**
 - **By the government**
 - **Of “non-excess” property**
 - **Under the control of the government**
 - **To a public or private sector lessee**
 - **In exchange for at least fair market value rental payments in cash and/or in kind consideration**





Why? ...Win, Win, Win

■ **Community**

- Supports base/State/local economic development
- Increases tax base
- Creates increased job opportunities

■ **Developer**

- Financially beneficial business deal
- Potential tax incentives & proximity to utilities
- Project site security associated with installation security
- Supports “highest and best” use of real estate; single/stable land owner

■ **Air Force**

- Consideration recapitalizes Air Force facilities/infrastructure
- Efficient Management of Assets...”highest and best” use
- Supports DoD’s 1GW Renewable Energy Plan



Signed EULs

Nellis AFB

EUL facilitated quality of life upgrades for Airmen (new construction, maintenance, repair and restoration of facilities).



Land Lease for construction of Water Reclamation Facility w/ City of North Las Vegas



Warrior Fitness Center - funded entirely through in-kind consideration



Signed EULs cont.

Hill AFB

EUL facilitated new construction, maintenance and repairs.



Land Lease for construction of Falcon Hill National Aerospace Research Park - 8M SF of office space, hotels and restaurants



- **New Security Forces Building**
- **Contractor Support Offices**
- **New installation gate**
- **Street improvements**
- **All funded through EUL in-kind consideration monies**



Signed EULs cont.

Eglin AFB

EUL for resort development creates funding and enhances mission capabilities.



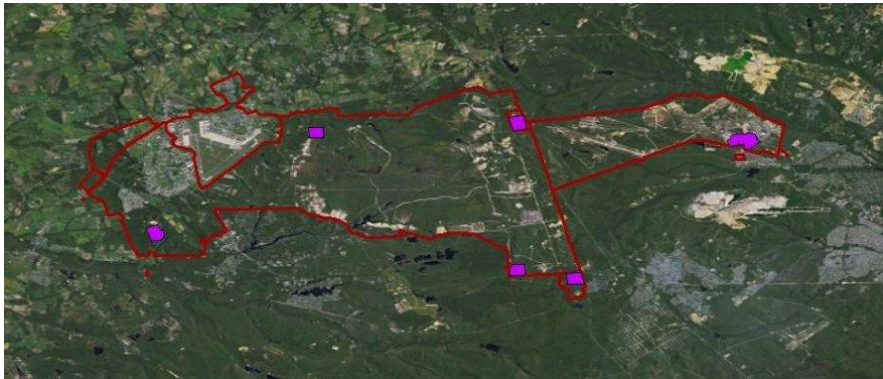
Destin West Land Lease for construction of Holiday Inn Resort; grand opening Spring 2014.

Eglin's 96th Wing will install test monitoring equipment on hotel roof.



Developing EULs

Joint Base McGuire-Dix Lakehurst (JB MDL) NJ **6 parcels totaling approximately 500 acres**



Opportunity exists to develop renewable and non-renewable energy production.



Potential consideration to fund JB MDL facility projects.

Proposals received 9 Aug 13; being evaluated – Major East Coast Power Opportunity

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Developing EUL Opportunities



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What Next?

- **What you can do:**
 - **Understand value / benefits of EULs for your capabilities and associated Air Force installation**
 - **View EUL Program Slides & Website:**
www.afcec.af.mil/eul/index.asp
 - **Identify available parcels/opportunities**
 - **Discuss opportunities/benefits with**
 - **Community Representatives**
 - **Installation leadership**
 - **Participate in opportunity request solicitations**
 - **Submit unsolicited proposals**

**Developer Day
Presentations –
Thursdays by
appointment –
see website for
instructions!**

Bring us your ideas / initiatives!



AFCEC – your first thought for innovative EUL ideas!

Reach us @ www.afcec.af.mil/eul

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QUESTIONS?

