

# ***Air Force Civil Engineer Center***

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*Integrity - Service - Excellence*



## ***AFCEC Program Briefing***

**Mr. Joe Sciabica, SES**

Director

11 Dec 14

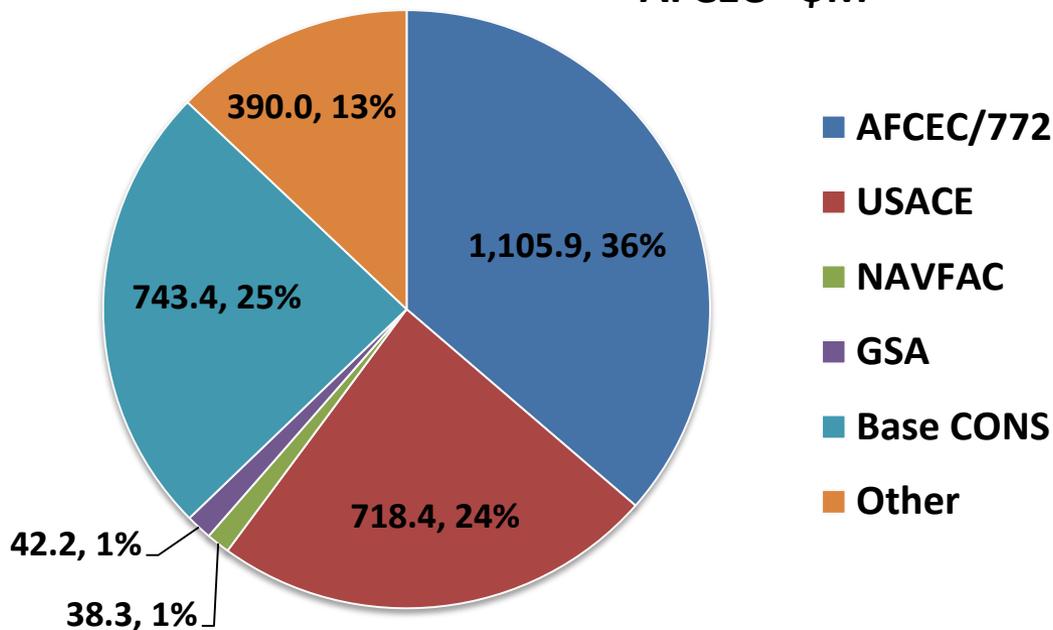
SAME Small Business Conference

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# AFCEC FY15 Draft Strategic Acquisition Plan Overview (SAPO)

AFCEC - \$M



Agent	%	\$M	# Req
AFCEC/772	36%	1,105.9	1,013.0
USACE	24%	718.4	853.0
NAVFAC	1%	38.3	9.0
GSA	1%	42.2	209.0
Base CONS	24%	743.4	2,877.0
Other	13%	390.0	367.0
<b>TOTAL</b>	<b>100%</b>	<b>3,038.3</b>	<b>5,328</b>

- **Does not include MILCON Program**
- **Other Agents include Host Nations, Other Federal Agencies, and Third Party Energy Initiatives**

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# ***AFCEC Strategic Acquisition Planning***

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- **AFCEC will continue to utilize a variety of execution agents to meet mission requirements**
  - Execution through 772 ESS is our first choice
  - Must set enterprise-wide execution priorities within resource constraints
- **Strategic acquisition & partnering will be our overall strategy for meeting requirements...at all levels**
- **Provides transparency of processes to internal/external stakeholders**
- **Industry can better identify opportunities that are relevant to their areas of expertise**
- **Postures industry opportunity to capitalize on contracts with other agents to execute AFCEC mission**



# ***AFCEC Strategic Acquisition Planning***

- **Expect more robust requirements definition process**
- **Expect increase in design-bid-build approach (traditional construction)**
  - **Goal: Increased emphasis on cost as driving factor for award**
  - **Goal: Reduce/limit change orders/adjustments post award**
- **Expect strategies across best value award continuum targeted to project scope and complexity**
  - **Goal: Streamline process for less complex projects (LPTA)**
  - **Goal: Streamline process for more complex projects (Trade-off)**
- **Expect continued early industry involvement**

***AF is committed to open and transparent acquisition processes***



# FY15 CTO

Major Command	Installation	Project Number	Project Title	Cost Estimate Range	Contracting Agent	Estimated Award
ACC	AVON PARK AIR FORCE RANGE	ASPR090017	Design - REPAIR JENNINGS and UTES ROAD	Less than \$25,000	Base	1-Oct-14
ACC	LANGLEY AIR FORCE BASE	MUHJ124033	Design - Repair Backflow Prevention Devices, Pri 3	Between \$25,000 and \$100,000	Base	15-Sep-14
ACC	LANGLEY AIR FORCE BASE	MUHJ124034	Design - Repair Backflow Prevent Devices, Priority 4	Between \$25,000 and \$100,000	Base	15-Sep-14
ACC	LANGLEY AIR FORCE BASE	MUHJ124035	Design - REPR: Repair by replacment 20" water line	Between \$100,000 and \$250,000	Base	15-Sep-14
AFSPC	CHEYENNE MOUNTAIN AIR STATION	SAXC141006	Design - Repair Fire Alarms CMAFS, Mass Notification	Between \$100,000 and \$250,000	Base	1-Sep-14
AETC	LUKE AIR FORCE BASE	NUEX091506	Design - REPAIR WATER DIST. SYS (900/1000 AREAS)	Between \$250,000 and \$500,000	Base	15-Aug-14
AETC	LUKE AIR FORCE BASE	NUEX091502	Design - REPLACE WATER DIST SYSTEM -100/500/600 AREAS	Between \$250,000 and \$500,000	Base	15-Aug-14
AFSPC	CAPE CANAVERAL AIR STATION	DBEH111633	Design - Construct Vehicle Barriers, CCAFS	Between \$25,000 and \$100,000	USACE	1-Sep-14
AFMC	TINKER AIR FORCE BASE	WWYK120032	Design - CONSTRUCT NATURAL GAS DISTRIBUTION SYSTEM LOOP LEGS	Less than \$25,000	Base	31-Dec-14
ACC	DYESS AIR FORCE BASE	FNWZ100105	Design - REPAIR/ADD VISITOR CONTROL CENTER 9265	Between \$25,000 and \$100,000	Base	29-Aug-14
USAFE	RAF CROUGHTON	EXSW131016	Design - REPLACE AT/FP BARRIER MAIN ECP	Less than \$25,000	HN	31-Dec-14
AETC	KELLY FIELD ANNEX	KELL100168	Rpr/Renovate Control Tower, B1160	Between \$1,000,000 and \$5,000,000	USACE	15-Feb-15
AFMC	KIRTLAND AIR FORCE BASE	MHMOV120211A	Repair Military Working Dog Kennel Fac, B30126-377SFG	Between \$1,000,000 and \$5,000,000	AFCEC	15-Feb-15
AFMC	KIRTLAND AIR FORCE BASE	MHMOV090058B	Repair Critical COMM Facs: B412,B498,B20604, B20449	Between \$5,000,000 and \$10,000,000	AFCEC	15-May-15
AETC	RANDOLPH AIR FORCE BASE	TYMX101004	Renovate OSI Bldg 200	Between \$5,000,000 and \$10,000,000	AFCEC	15-May-15
USAFA	USAF ACADEMY	XQPZ100105G	Rpr Cadet Gym Ph 7/7	More than \$10,000,000	Base	15-Apr-15
USAFE	RAMSTEIN AIR BASE	TYFR131191	APF SUPPORT FOR NAF MILCON; TYFR 13-5096; 70 UNITS	Between \$250,000 and \$500,000	Base	15-Nov-14
ACC	NELLIS AIR FORCE BASE	RKMF140194	CNST/RPR ELECTRICAL & COMM INFRASTRUCTURE EASTSIDE	Between \$500,000 and \$1,000,000	Base	22-Aug-14
USAFE	RAMSTEIN AIR BASE	TYFR101031U	BUILD CONNECTING ROAD AND EXTEND FENCELINE	Between \$25,000 and \$100,000	Base	15-Nov-14

## Construction Tasking Order Link

<http://www.afcec.af.mil/shared/media/document/AFD-140805-023.pdf>



# ***AFCEC Design and Construction Partnering with Industry***

- **Need to partner to achieve the right quality, at the right time, and at the right cost... to support the mission!**



Hangar/Sq Ops/AMU at Andersen AFB in Guam

- **Finite budgets; trend is going down**
- **We need your support**
  - **Timely and realistic construction schedules**
  - **Timely and complete submittals**
  - **Qualified subcontractors**
  - **Specification compliance**
  - **Expert knowledge of DoD Design and Construction Criteria**
- **Attention to detail is critical**
- **We need your good ideas!**
- **Feedback is appreciated**



# Design and Construction Initiatives

- Standardize Design & Construction processes
  - Develop/maintain AF corporate facility standards
  - Develop standard designs & RFPs (by facility type)
- Develop improved “leading indicator” project performance metrics
- Centralize MILCON requirements definition & DD1391 Certification
- Optimize project delivery methods (DB, DBB, ECI)



Minot Air Force Base Air Traffic Control Tower



# AFCEC *Owner's Representative*

## **Program Manager and Owner's Representative for design and construction programs worldwide for MILCON and SRM >\$5M**

- Design and Construction Acquisition Strategies
- Direct Design and Construction Agents
- Authorize advertisement/awards
- Process reprogramming requests
- Approve construction contract changes
- Request and justify additional funds
- Monitor financial completion
- Coordinate inspections



CONSOLIDATED COMMUNITY CENTER, INCIRLIK AB



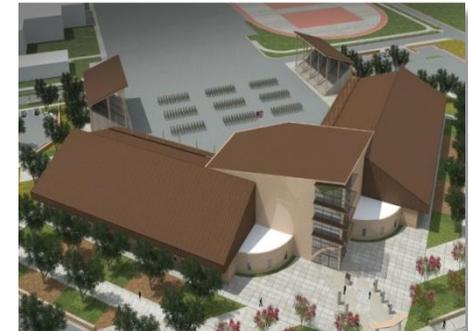
# AFCEC Execution Agent

## Strategic capability to deliver SRM and MILCON design and construction worldwide



- Design and Construction Services
  - Architectural/Engineering
  - Construction
- Full Service Delivery
  - Dedicated project manager
  - Contract acquisition and admin expertise
  - Technical reach-back
  - On-site construction oversight
  - Financial tracking
  - Legal Support

Lackland Recruit/Family In-processing  
& Information Center





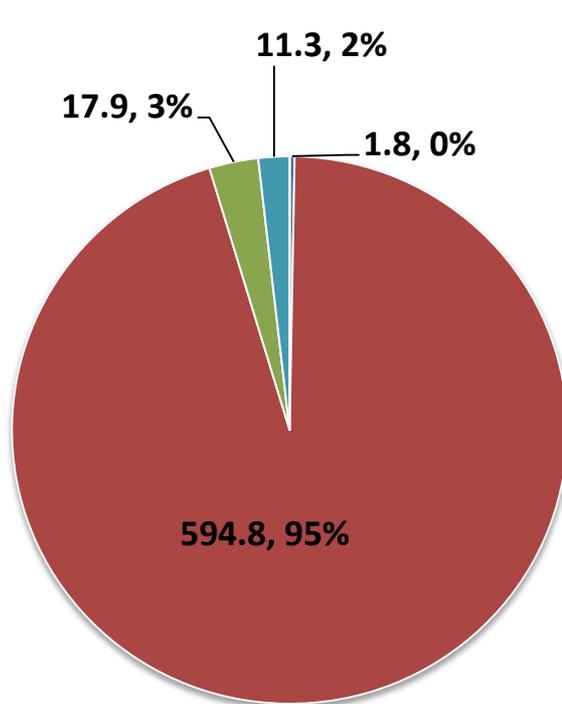
# *Industry Role in AFCEC Missions*

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- **Job #1 – High-Performance Project Delivery:**
  - **At a fair cost.... on time and at the right quality...**
    - **Concerns: (1) schedule growth; and (2) project closeout**
- **Share best practices – leverage your expertise in technology, construction, environmental, maintenance and ops to be more efficient**
- **Get “Back to Basics” while developing new strategies/capitalizing on new technologies to help Air Force build sustainable facilities/infrastructure**
  - **Use less energy...facility, process, mission, and operational**
  - **Require less manpower...use asset mgt principles, risk-based analysis**
  - **Pursue lower life-cycle costs**
  - **Be more efficient...yet effective (not more with less but less with less)**
- **Invoicing and Basis of Cost**
- **Small Business reply to “Requests for Information”**



# MILCON Program FY15 Draft Strategic Acquisition Plan Overview (SAPO)



Centralized Air Force MILCON Program - \$M

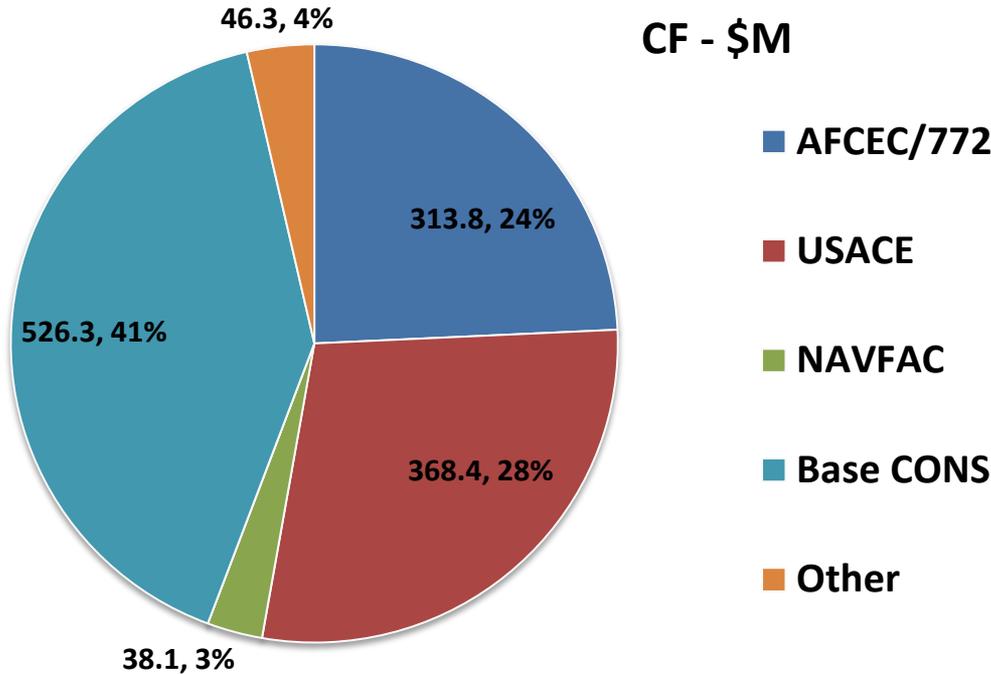
- AFCEC/772
- USACE
- NAVFAC
- Base CONS

Agent	%	\$M	# Req*
AFCEC/772	0%	1.8	1
USACE	95%	594.8	33
NAVFAC	3%	17.9	5
Base CONS	2%	11.3	5
<b>TOTAL</b>	<b>100%</b>	<b>625.8</b>	<b>44</b>

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# Facilities FY15 Draft Strategic Acquisition Plan Overview (SAPO)



Agent	%	\$M	# Req
AFCEC/772	24%	313.8	151
USACE	28%	368.4	128
NAVFAC	3%	38.1	6
Base CONS	41%	526.3	302
Other	4%	46.3	43
<b>TOTAL</b>	<b>100%</b>	<b>1,292.9</b>	<b>630</b>

■ **Includes Centralized FSRM, Non-Centralized FSRM, Non-AF Customer Funds**

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# ***Air Force Civil Engineer Center***

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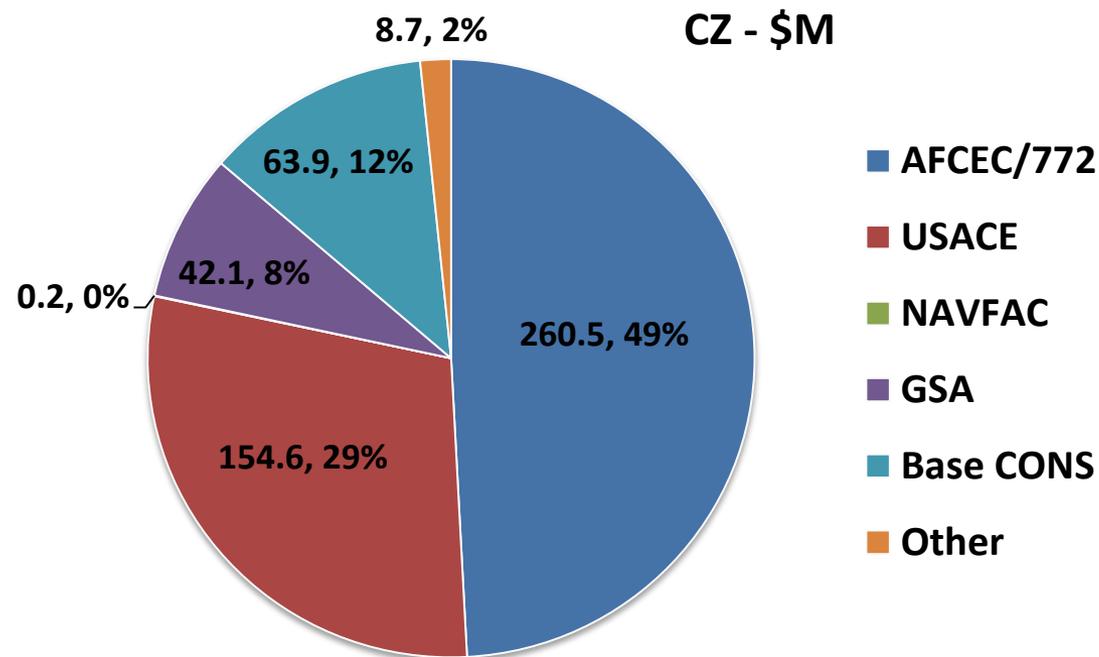


**Environmental  
Programs**

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# Environmental Management FY15 Strategic Acquisition Plan Overview



Agent	%	\$M	# Req
AFCEC/772	49%	260.5	607
USACE	29%	154.6	582
NAVFAC	0%	0.2	3
GSA	8%	42.1	201
Base CONS	12%	63.9	2,214
Other	2%	8.7	137
<b>TOTAL</b>	<b>100%</b>	<b>530.0</b>	<b>3,744</b>

- **Includes Environmental Quality and Environmental Restoration O&M Funds, Fish & Wildlife Funds collected, and USDA Forest Service Pest Suppression Grants**

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# ***Environmental Quality Acquisition Strategy***

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- **Environmental Quality Fence-to-Fence acquisitions**
- **Base Integrated Environmental Support Task-Order (BIEST)**
- **Media Centric Blanket Purchase Agreements (BPAs)**
- **A76, BOS, other Base-level contracts**
- **Interagency Cooperative Agreements**



# ***Env Services F2F Acquisition Standard Levels of Service & Execution***

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- **Standard package of environmental services**
- **Standard requirements included in acquisition strategy**
  - **Execution Agents – AFICA, GSA, USACE**
  - **Execution Vehicles – F2F BPAs, GSA Schedule, USACE Dist Contracts**
- **FY13/14 F2F efforts - 27 Contracts at 46 installations, ~\$130M (base and option years)**
- **FY15 – FY16 F2F planned acquisitions:**
  - **AFICA – Eglin, JBSA, Vandenberg**
  - **GSA – Robins, Wright-Patterson, Kirtland, Edwards (FY16)**



# New F2F BPA Schedules Follow-on

FY17	FY18	FY19
Joint Base Charleston, Shaw, Seymour Johnson, Moody, Hill, Malmstrom, Mountain Home	Buckley, Ellsworth, Offutt, Whiteman, Minot, Nellis, Creech, Nellis Range FE Warren, Cannon, Holloman, JBMDL Little Rock, Altus, Vance Beale, Cheyenne Mt., Peterson, Schriever, JBLE Davis-Monthan, Luke, Tyndall, Hurlburt Barksdale, Columbus JB Andrews, Dover, Hanscom, Scott, McConnell, Grand Forks, Laughlin, Dyess, Goodfellow, Travis	Tinker, Vandenberg, Eglin, Robins, Kirtland, JBSA, MacDill, Wright-Patterson, Fairchild, Edwards

- **As installations finish their initial F2F POPs, they will roll into new BPAs using the GSA Schedule**
- **FY15 - Developing BPAs using GSA Schedule**
  - **Spill Response**
  - **Natural and Cultural Resource Management**

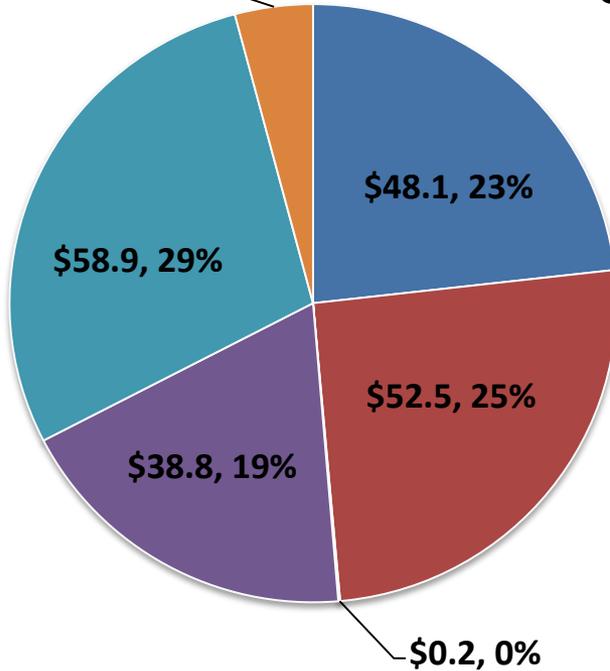


# Environmental Quality FY15 Strategic Acquisition Plan Overview

\$8.6, 4%

CZC - \$M

Total Program Breakout \$207.1M



- AFCEC/772
- USACE
- NAVFAC
- GSA
- Base CONS
- Other

Program Element Code (PEC)	\$M
Compliance	\$150.9
Conservation	\$35.2
Pollution Prevention	\$21.0

Agent	%	\$M	# Req
AFCEC/772	23%	48.1	277
USACE	25%	52.5	507
NAVFAC	0%	0.2	2
GSA	19%	38.8	199
Base CONS	28%	58.9	2153
Other	4%	8.6	122
<b>TOTAL</b>	<b>100%</b>	<b>207.1</b>	<b>3260</b>

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**Enabling the Air Force mission through environmental planning and compliance with federal law**



# ***Environmental Restoration Program (ERP)***

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## ■ **Focus Areas**

- **Protecting human health and the environment**
- **Comply with regulations**
- **Restore land to mission use**
- **Resource allocation centralized, prioritized AF-wide**

## ■ **Program Areas**

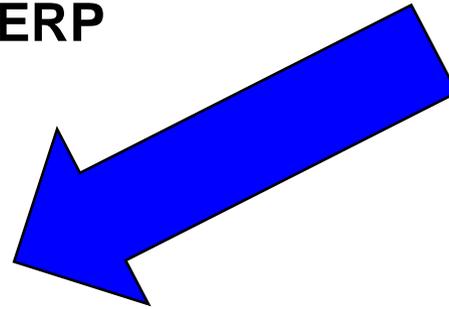
- **ERP composed of Installation Restoration Program (IRP)**
  - **Military Munitions Response Program (MMRP)**
- ## ■ **Single fenced appropriation**



# *Environmental Restoration Program Goals*

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- **Restoration AF Program Goals**
  - **Accelerated Site Completion (ASC)**
    - 50% by FY12; 75% by FY15 for IRP
  - **Performance Based Remediation**
    - 60% by FY12; 90% by FY15 for ERP
- **DOD Program Goals**
  - **ERP – Response Complete (RC)**
    - 90% by FY18; 95% by FY21
  - **MMRP**
    - MRSPS scoring: 95% by 2014





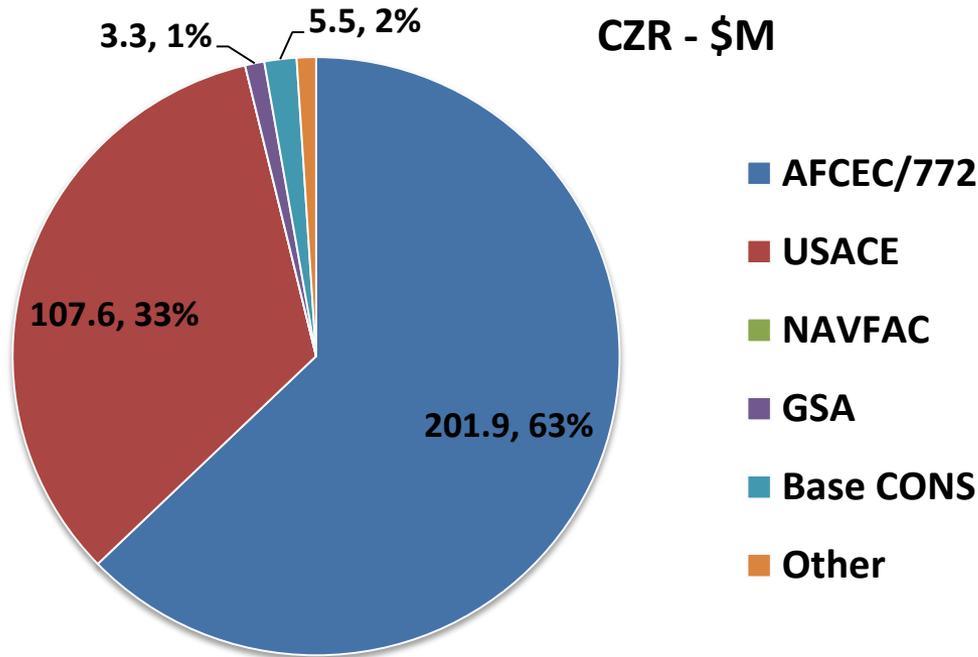
# ***Environmental Restoration Program***

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- **AF implementing a number of initiatives to accelerate cleanup and reduce costs to meet program goals**
  - **Expanding Performance-Based Remediation contracts to incentivize innovation by private sector**
  - **Utilizing base-wide vs. site-by-site solutions**
  - **Reducing overhead cost by maximum extent possible**
- **Continue to protect human health and the environment while working to return property to productive use**



# Environmental FY15 Draft Strategic Acquisition Plan Overview (SAPO)



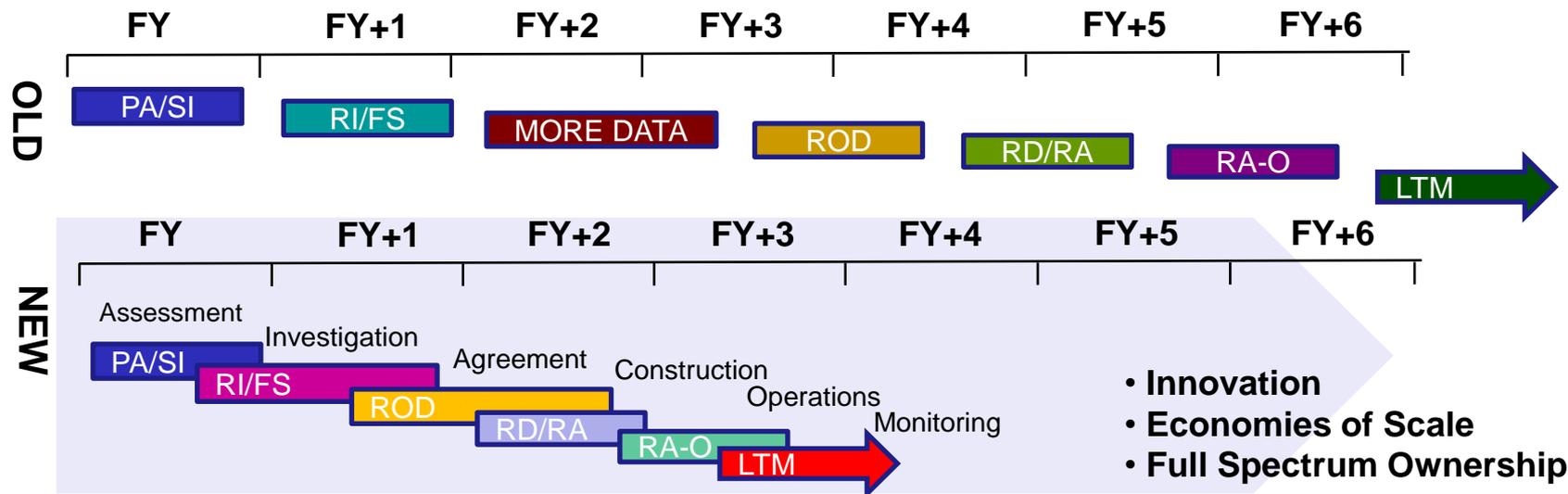
Agent	%	\$M	# Req
AFCEC/772	63%	201.9	232
USACE	33%	107.6	93
NAVFAC	0%	0	1
GSA	1%	3.3	3
Base CONS	2%	5.5	40
Other	1%	3.3	21
<b>TOTAL</b>	<b>100%</b>	<b>321.6</b>	<b>387</b>

■ **Includes Environmental Restoration only**

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# AFCEC – Performance Based Remediation (PBR)



Fiscal Year	# of PBR Contracts	# of Bases	# of Sites	Value of PBRs	% Accelerated SCs	Savings within the POP	Life Cycle Cost Reduction
FY11	10	22	407	\$242M	211% (from 61 - 190)	14% (\$39M)	28.5% (\$181M)
FY12	14	37	653	\$365.5M	392% (from 84 - 413)	14% (\$60M)	41% (\$399M)
FY13	14	34	768	\$393M	177% (from 165 - 457)	24% (\$121M)	43% (\$429M)
FY14*	7	11	440	\$296M	505% (from 38 - 230)	42% (\$211M)	35% (\$284M)
<b>Total</b>	<b>45</b>	<b>104</b>	<b>2268</b>	<b>\$1.3B</b>	<b>271%</b> (from 348 - 1290)	<b>25%</b> (\$431M)	<b>38%</b> (\$1.3B)



# ***FY 15/16 PBRs***

<b>FY 15 PBR</b>	<b># Sites Captured</b>	<b>Projected Award Date</b>
<b>JB Charleston - Naval Weapons Station</b>	<b>51</b>	<b>Jun 15</b>
<b>FY 16 PBR</b>		
<b>Dover AFB</b>	<b>TBD</b>	<b>TBD</b>

**Dover is the first follow-on PBR in the program**

# ***Air Force Civil Engineer Center***

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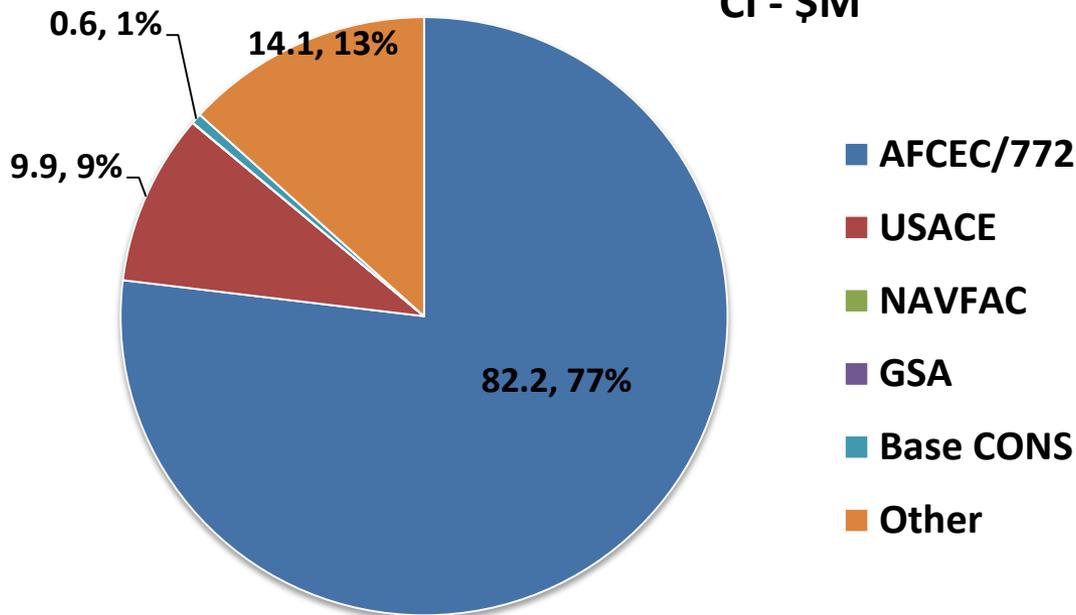


***Installations  
Programs***



# Installations FY15 Draft Strategic Acquisition Plan Overview (SAPO)

CI - \$M



Agent	%	\$M	# Req
AFCEC/772	77%	82.2	68
USACE	9%	9.9	127
NAVFAC	0%	0.0	0
GSA	0%	0.0	6
Base CONS	1%	0.6	5
Other	13%	14.1	8
<b>TOTAL</b>	<b>100%</b>	<b>106.8</b>	<b>214</b>

- Includes BRAC, EUL & Real Estate O&M, FH/UP/EUL/VBT portfolio mgt
- Note: New FY15 actions = 20 BRAC rqmts @ \$50M & 67 O&M rqmts @ \$25M

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# Portfolio Management Opportunities

- **Portfolio management consists of post-closure oversight**
  - Utilities and housing privatization
  - Value-Based Transactions such as Enhanced Use Leases
- **Post closure management support**
  - FY15: approx \$14.5M
  - Probable Method Of Execution: Post Closure Mgt task orders
- **Resident construction managers**
  - FY15: approx \$5.0M
  - Probable method of execution: 4PAE task orders
- **A&AS support**
  - FY15: approx \$2.5M
  - Probable method of Execution: GEITA11 & USACE task orders



# ***BRAC - Potential Perfluorinated Compounds (PFC) Opportunities***

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- **PFC Release Determination at Spill/Crash Sites**
  - FY15: approx \$10M
  - FY16: TBD based on FY15 results
  - Probable Method of Execution: 4PAE Task Order
  
- **PFC Delineation at Fire Training Areas**
  - FY15: approx \$15M
  - FY16: TBD
  - Probable Method Of Execution: 4PAE Task Order
  
- **Mitigation to Human Exposure (as needed)**
  - FY16+; likely 4PAE



# BRAC Potential Perfluorinated Compounds (PFC) Work





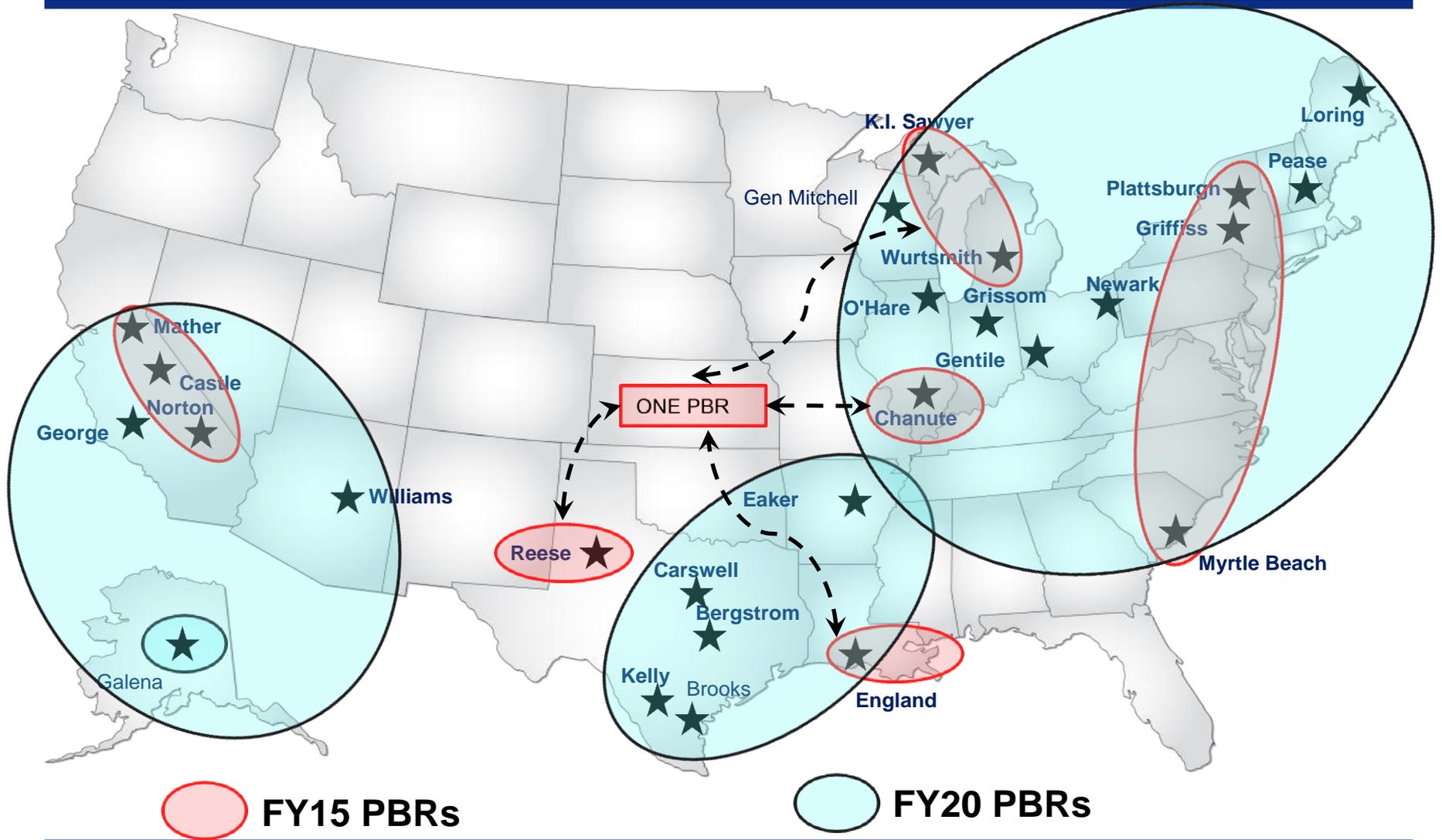
# ***BRAC - Performance Based Restoration (PBR) Outlook***

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- **BRAC has a mature PBR program**
  - All BRAC bases are under a PBR
  
- **In next few years most sites will be in long term management with only a few sites in Remedial Action-Optimization (RA-O)**
  
- **FY15+ PBRs will be regionalized for greater efficiencies**
  - 3 regional contracts
  - Utilize GSA schedule via 772 ESS; approx \$5M each
  - Reduced management costs
  - Increased competition



# BRAC Performance Based Restoration (PBR) Outlook FY15 and Beyond



# ***Air Force Civil Engineer Center***

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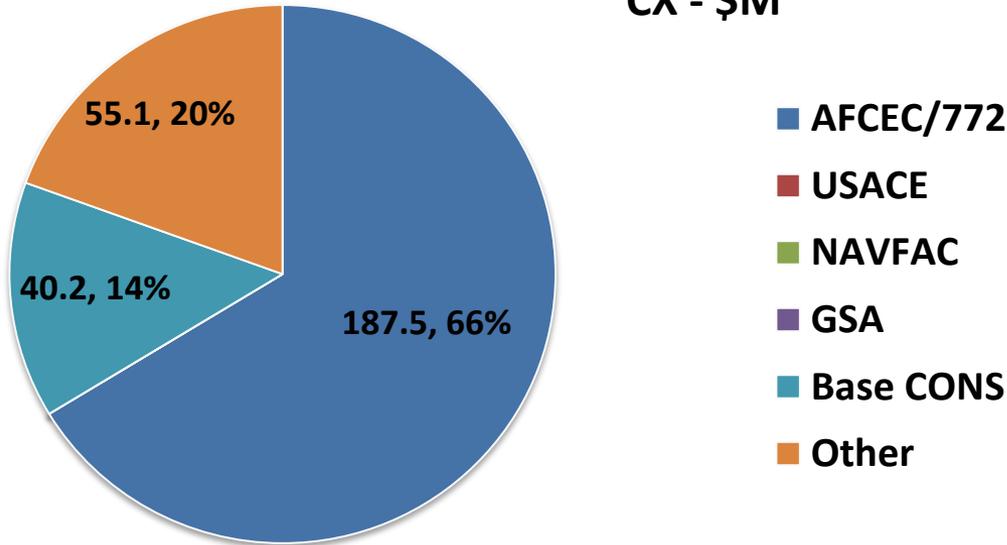


***Readiness  
Programs***



# Readiness FY15 Draft Strategic Acquisition Plan Overview (SAPO)

## CX - \$M



Agent	%	\$M	# Req
AFCEC/772	66%	187.5	141
USACE	0%	0.0	0
NAVFAC	0%	0.0	0
GSA	0%	0.0	0
Base CONS	14%	40.2	45
Other	19%	55.1	343
<b>TOTAL</b>	<b>100%</b>	<b>282.8</b>	<b>529</b>

### ■ AFCEC and AF/OSD funds

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# ***RD&A Business Opportunities***

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- **Small Business Innovative Research (SBIR) FY15**
  - **Civil Engineer Technologies Research & Development**
  - **Pending Solicitation – 2 topics (TBD)**
- **Laboratory Equipment and Replacement FY15**
  - **Requirements in Development**
- **Research and Development (R&D) for Air Force Airbase Systems**
  - **FY13-17**
  - **Solicitation # BAA-TYN-14-01 (Updated BAA Solicitation – Jan 15)**
  - **Science & Technology Development (RDT&E)**



# ***RD&A Business Opportunities***

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## **Future Airbase Capability Needs:**

- **Airfield Damage Repair (ADR) Technologies**
- **Base Expeditionary Airfield Resources (BEAR) Technologies**
- **Airbase Facilities and Infrastructure Systems**
- **Airbase Operations**
- **Civil Engineering Materials**
- **Emergency Response and Fire Protection Systems**
- **Infrastructure Protection and Environmental Systems**
- **Robotics and Automation**
- **COTS Civil Engineering Solutions**

**Submit white paper concepts to Research and Development (R&D) for Air Force Airbase Systems BAA, Solicitation # BAA-TYN-14-01**

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# ***Business Opportunities***

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- **Contract Labor Support**
  - **Technical writing service/publications**
  - **Training products**
  - **Reachback support**
  - **Lessons learned and Trends Analysis**
  - **EOD Battlefield Airmen Individual Equipment Management**
  - **Asset Reconstitution – return/recovery of deployed equipment sets and specialized C-IED tools**
  - **Research & acquisition program support**

# ***Air Force Civil Engineer Center***

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*Integrity - Service - Excellence*



## ***Operations Programs***

**14 Aug 2014  
SAME Small Business Market Research Fair**



# ***Asset Visibility***

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- **Asset condition is the foundation of AF, IPL-based SRM project prioritization**
- **AFCEC augments base assessments with two functions:**
  - 1. Asset Visibility Team**
    - **AFCEC Pn + augmentees perform “Reach & Teach”**
    - **Conduct energy & fac condition assessments at 10 bases/yr**
    - **Assess 1M SF & ID fac component condition via BUILDER**
  - 2. Airfield Pavement Evaluation Team**
    - **Conduct worldwide airfield assessments and ID long term airfield condition/investments via PAVER**

***Asset Management Principles are Foundational to CE Enterprise!***



# Hangar Fire Suppression

- **In FY14 Air Force had an increased awareness of inadvertent activations of hangar fire suppression systems**
  - One related death, thousands of dollars in clean up cost, system recharge, and aircraft damage
  - AFCEC funded \$5.3M contract AF wide system analysis and provide recommendations to improve system reliability
- **Status of Contract**
  - Hangars walk-thoughts near-complete
  - SharePoint site developed for report delivery
- **CY Activations**
  - Jan-Nov: 33 Activations
  - Multiple causes: lack of freeze protection, design/construction errors, human errors, component malfunctions
- **Potential opportunities for specialized work, FY15 and beyond**



Andrews AFB, 15 Sep 14



# ***Industrial Control Systems***

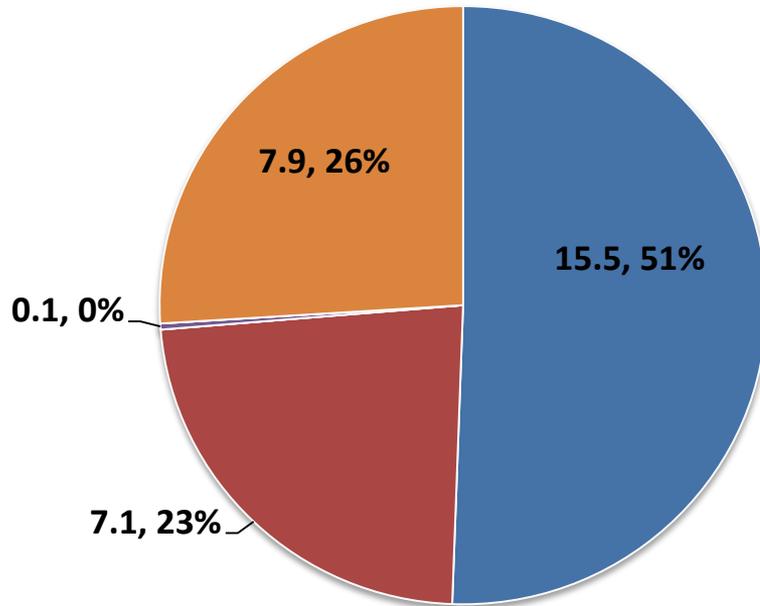
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- **AFCEC/AFCYBER Nexus Agreement focuses CE ICS into 5 Mission Areas**
    - MA1 - Cyber Threat and Situational Awareness
    - MA2 - ICS Certification and Accreditation (C&A)
    - MA3 - ICS Hardware/Software Management
    - MA4 - ICS Network Defense
    - MA5 - Incident Management
  
  - **Contract support ID's vulnerabilities under MA2**
  
  - **Period of Performance**
    - Base Year: 1 Sep 2014 thru 31 Aug 2015
    - 4 Option Years: 1 Sep 2015 thru 31 Aug 2019
  
  - **Potential future work as bases fix vulnerabilities**
-



# Operations FY15 Draft Strategic Acquisition Plan Overview (SAPO)

## CO - \$M



- AFCEC/772
- USACE
- NAVFAC
- GSA
- Base CONS
- Other

Agent	%	\$M	# Req
AFCEC/772	51%	15.5	13
USACE	23%	7.1	12
NAVFAC	0%	0.0	0
GSA	0%	0.1	2
Base CONS	0%	0.0	0
Other	26%	7.9	7
<b>TOTAL</b>	<b>100%</b>	<b>30.6</b>	<b>34</b>

### ■ AFCEC O&M Funding

All projected FY15 procurements are based on the best information available. Information presented herein is subject to modification and is in no way binding on the government. More specific information relating to any individual item or class of items will not be furnished until the proposed acquisition is synopsisized through the Government Wide Point of Entry (GPE). Small business set-asides may be involved, but that determination will be made only when acquisition action is initiated. Consult the Procuring Contracting Officer (when identified) for further information.

# ***Air Force Civil Engineer Center***

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*Integrity - Service - Excellence*

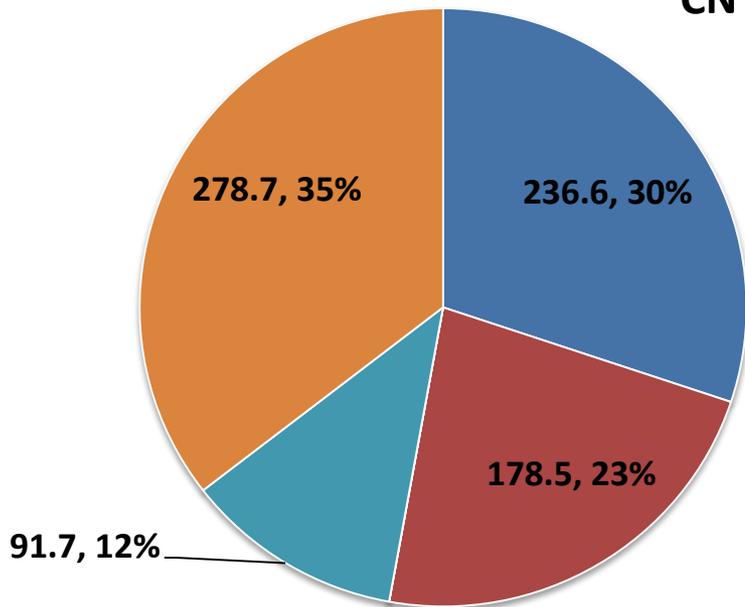


***Energy  
Programs***



# Energy FY15 Draft Strategic Acquisition Plan Overview (SAPO)

CN (Facility Energy) - \$M, %



- AFCEC/772
- USACE
- NAVFAC
- GSA
- Base CONS
- Other

Agent	%	\$M	# Req
AFCEC/772	30%	236.6	19
USACE	23%	178.5	4
NAVFAC	0%	0.0	0
GSA	0%	0.0	0
Base CONS	12%	91.7	2
Other	35%	278.7	138
<b>TOTAL</b>	<b>100%</b>	<b>785.4*</b>	<b>163</b>

\* Includes \$564M of non-government (industry) funding opportunities, of which \$96M is for existing annual utility service contracts

***Includes all government funded and non-government funded (industry) requirements, to include 3<sup>rd</sup> party requirements such as Utility Privatization, Energy Savings Performance Contracts (ESPC), Utility Energy Service Contracts (UESC), and Renewable Energy (RE) Power Purchase Agreements***

All projected FY15 procurements are based on the best information available. Information presented herein is subject to modification and is in no way binding on the government. More specific information relating to any individual item or class of items will not be furnished until the proposed acquisition is synopsized through the Government Wide Point of Entry (GPE). Small business set-asides may be involved, but that determination will be made only when acquisition action is initiated. Consult the Procuring Contracting Officer (when identified) for further information.



## **ENERGY SAVINGS PERFORMANCE CONTRACTS (ESPC) UTILITY ENERGY SERVICE CONTRACTS (UESC)**

### **■ AF committed to executing \$376M+ worth of ESPC and UESC opportunities during 2015-2016**

<b>Base</b>	<b>Ktr Type</b>	<b>Energy Type</b>	<b>MBTUs</b>	<b>Status</b>
Hill	ESPC	Process	131,900	PA Eval/
Robins	ESPC	Facility	125,000	PA Eval
Peterson	ESPC	Facility		PA Eval
Edwards	ESPC	Data Center		PA's Due 28 Aug
Wright-Pat	ESPC	Facility		PA Eval
Tinker (Lights)	UESC	Facility	1,847	Awarded 14 May 2014
Tinker B2210	UESC	Facility	10,122	PA Review
Tinker B9301	UESC	Facility	370,150	PA Review
Tinker B3001	UESC	Facility	188,348	PA Review
Maxwell	UESC	Facility	52,776	PA Review
Patrick	UESC	Facility	6,827	PA Review
Barksdale	UESC	Facility	66,134	PA Review



# Renewable Energy Power Purchase Agreements (PPA)

FY15 Projects			FY16 Opportunities		
Installation	Source	MW	Installation	Source	MW
Otis ANG, MA	Solar PV	6	Mt Home AFB, ID	Geo	10
Dyess AFB, TX	WTE	5.4	Malmstrom AFB, MT	Wind	8
Holloman AFB, NM	Solar PV	3.7	Cannon AFB, NM	Solar PV	5
Vandenberg AFB, CA	Solar PV	10.0 – 20.0	Travis AFB, PV	Solar PV	5
Hanscom AFB, MA	Solar PV	10.0	Homestead ARB, FL	WTE	2.4
Laughlin AFB, TX	Solar PV	10.0	Beale AFB, CA	Solar PV	4
Sheppard Goodfellow AFBs, TX	Solar PV	4.5 – 6.0	Tyndall AFB, FL	WTE	14
			Nellis AFB, NV	Geo	10

**Plus 7 Projects Targeting  
PACAF & Europe**



**Cape Cod Wind**



**Davis-Monthan Solar**





# ***Utilities Privatization (UP) Program***

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## **■ FY15 & 16**

- Arnold (E)**
- Keesler (E,G,S,W)**
- Beale (G)**
- Cape/Patrick (E,S,W)**
- Malmstrom (E,G)**
- Moody (E,G)**
- Robins (E,G,S,W)**
- Schriever (E,G,S,W)**

Key: E = Electric; G = Natural Gas, S = Sewer; W = Water

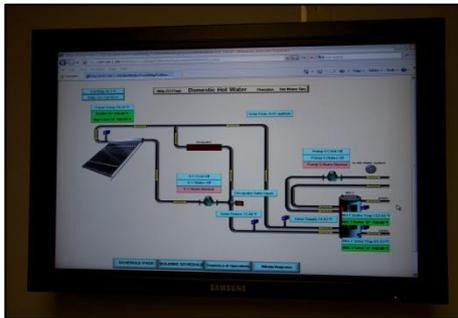


# ***Energy Conservation Investment Program (ECIP) ....Facility Engineering Directorate (CF)***

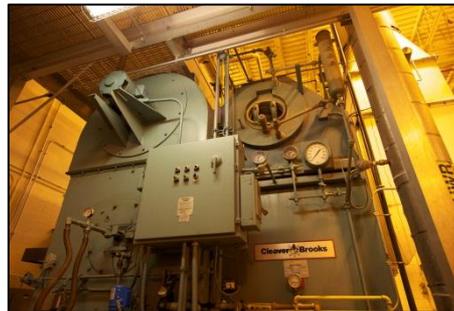
- **FY13 projects are awarded**
  - **6 Projects @ \$38M**
- **FY14 projects have design and construction funds**
  - **12 Projects @ \$35M**
- **FY15 projects have design funds**
  - **14 Projects (3 whole base exterior Lights to LED) @ \$41M**



LED Lights



EMCS



Plant decentralization



Solar



# ***O&M Funded Energy Projects*** ***....Planning & Integration Directorate (CP)***

- **FY10-13: \$552M invested for \$1.13B gross savings**
- **FY14 projects**
  - **\$111M push w/ \$63M awarded / \$48M awt funds**
  - **7 year avg payback with 15 year avg economic life**
- **FY15+**
  - **Risk-based scoring model – Integrated w/ other AF req's**
  - **\$27M already identified in FY15**





# ***O&M Funded Energy Projects***

## ***FY15 & 16 AMRS Installations***

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### **■ FY15\***

- Tinker AFB, OK
- Hill AFB, UT
- Nellis & Creech AFB, NV
- Peterson AFB, CO
- Arnold AFB, TN

### **■ FY16\***

- JBSA, TX
- Wright-Patterson AFB, OH
- Robins AFB, GA
- JBER, AK
- JBMDL, NJ
- Eielson AFB, AK
- JBLE, VA

### **■ Installation Prerequisites:**

- CE VLAN
- Completed AMRS Site Report
- Top 60% of Energy Consuming Bases

**\* - Subject to change depending on site verification findings**

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***You...our industry partners,  
are critical to our success!!***

# ***Air Force Civil Engineer Center***

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*Integrity - Service - Excellence*



***BACKUP SLIDES***



# Major Acquisitions in Progress

Contract	Ceiling	Competition	Milestone	Projected Award Date
A-E13DCS (772 ESS)	\$950M	Full & open – worldwide SB set-aside – 3 regional contracts	Source Selection	Spring 2015
A-E13ES (772 ESS)	\$500M	Full & open w/ SB set-aside	Source Selection	Spring 2015
ESC USAFE (772 ESS)	\$48M	Full & open	Solicitation Amendment Pending	Mar 2015
WE&C (772 ESS)	\$950M	Full & open with reserve for SB & 8(a)	Acquisition Planning	TBD
RE&C (772 ESS)	\$930M	SB set-aside, 3 regional contracts	Draft RFP Comments	TBD
AFCAP IV (772 ESS)	\$5B	Full & open	IED/ENs	May 2015
JB-Charleston - Weapon	\$20.0M	SB set-aside	Acquisition Planning	Jul 2015
Dover	\$8M	TBD	Acquisition Planning	May 2016



# Major Acquisitions in Progress

Contract	Ceiling	Competition	Milestone/Date	Projected Award Date
BRAC Env Services Contract (BESRC)	\$4M	SB set-aside	Solicitation	Mar 2015
Fuel Systems Services Project (8(a) Pilot)	\$4M	8(a) set-aside	Solicitation	May 2015
Fuel Systems Services A.E Services	Single Award IDIQ - \$5M (EA)	TBD by region	Market Research	June 2015
Fuel Systems Services SRM Construction	Single Award IDIQ - \$20M (EA)	TBD by region	Market Research	4 <sup>rd</sup> Qtr FY15
Fuel Systems Services O&M and Emergency Response	+/- (5-10) Single Award IDIQ - \$20M (EA)	TBD by region	Market Research	4 <sup>rd</sup> Qtr FY15
AFCEC Airbase Systems RDTE&A	\$200-\$500M - Base + 4 Options	TBD	Requirements Definition	31 Mar 2016