

Headquarters U.S. Air Force

Integrity - Service - Excellence

SMPS Federal Client Panel



Mr. Terry Edwards
AFCEE Director
22 Sep11

U.S. AIR FORCE



Physical Plant Profile

U.S. AIR FORCE

Family Housing



75,800 Homes
Arlington/Alexandria
Combined

Air Force Installations



10M Acres of Land
Twice the size of
New Jersey



Plant Replacement Value

\$268B PRV
Nearly the GDP of Peru

Airfields



102 Million Square Yards
Could pave a highway from
Philadelphia to Boston

Facilities



626M Sq Ft of Buildings
88 Microsoft Corporations

Dormitories



69,500 Dorm Rooms
1 ½ times Doubletree Hotels

We Must Reinvest in Air Force Installations – A Force Enabler



U.S. AIR FORCE

Impact of DoD Budget Cuts



*“Our headquarters and support bureaucracies...have **swelled to cumbersome and top-heavy proportions**, grown over-reliant on contractors and grown accustomed to operating with **little consideration to cost**...I intend to continue to **move aggressively** to achieve the broad goals of **making this department more efficient**.”*

The Pentagon “must get more bang for its buck and shift focus to the military’s needs for the future”.

– Former Secretary of Defense Robert Gates

To Help the Air Force Find \$33B in Savings, Engineers Will:

- Reduce Overhead
- Realign and Right-Size Manpower
- Minimize Support Operations
- Find New and Innovative Ways to Cut Costs



...and continue supporting installations and contingency missions worldwide!

We Must Conduct Installation Support More Efficiently



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Acquisition Strategy

- **Air Force Center for Engineering and the Environment (AFCEE) manages worldwide IDIQ contracts with multiple contractors**
- **Heavy Engineering, Repair, and Construction (HERC)**
 - **5-year (recompetes FY13)...\$6 - \$15B capacity...15 F&O, 4-8(a) firms**
- **Worldwide Environmental Restoration and Construction (WERC)**
 - **5-year (recompetes FY13)...\$3B...23 F&O, 16 small, 3-8(a), 2 SDVOSB**
- **Worldwide Planning, Program, & Design 08 (4PA-E08)**
 - **5-year (recompetes FY13)...\$3B capacity...15 F&O, 14 small firms**
- **Design-Build, Restore, Remediate (DBR2)**
 - **8-year...\$400M capacity...4 F&O, 4 small firms**
- **Environmental, Operations & Services (EOS)**
 - **5-year (competes 2nd Qtr FY12)...\$750M capacity...all small business**
- **Global Engineering, Integration and Technical Assistance (GEITA)**
 - **1-year A&AS + two 3-month options...\$200M capacity...4 firms**

Contact AFCEE Acquisitions Team @ 210-395-8815



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Energy Efficiencies

■ Energy Conservation:

- Mandate: 3% savings/yr
- Projects \$'s in the POM
- Program has payback!

■ Investments

■ Energy O&M:

Energy audits are identifying projects and building a backlog

■ Energy Conservation Investment Program (ECIP): \$216 - 457M/yr

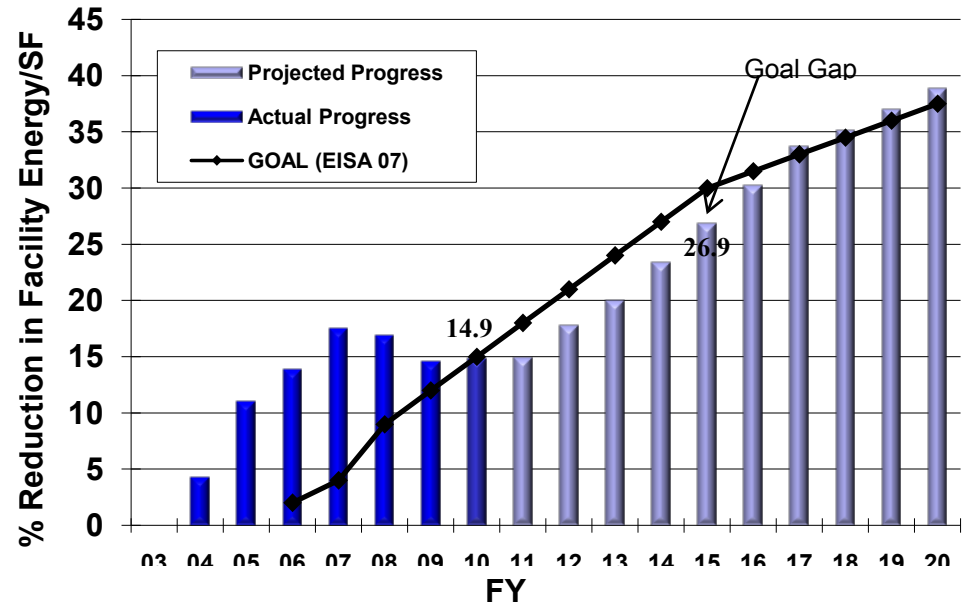
■ 3rd Party: ESPC & UESC

\$50-150M/yr

The AF is using the Dept of Energy "Super ESPC" contract

■ RE Purchase Agreements (REPAs) & EULs

\$200-400M/yr



Participate in Industry Days & Look for Proj Announcements in FedBizOps!



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Environmental Stewardship

- **AF maintains a commitment to environment (~\$1B/year thru FY17)**
 - **Compliance ~\$420M/yr; Restoration ~\$580M/yr**
- **Emphasis on Performance-Based Remediation (PBR)**
 - **Expect contractors to accept more risk to compete**
 - **By 2015, AF will award \$1.5B in multi-year PBR contracts to accomplish cleanup work at nearly 2800 sites through 2020**
- **Focusing Broad Agency Announcements on emerging contaminants and technologies – we need creative solutions to new problems**
- **Establishment of NEPA Center of Excellence at AFCEE**
 - **Complete environmental assessments in 6 months and environmental impact statements in 12 months**
 - **Facilitates timely quality environmental impact analyses**

Contact AFCEE Technology Outreach Office @ 210-395-8426



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Construction Trends

- **Future AF MILCON program (FY12-16) focuses on:**
 - **New AF mission beddowns (\$821M)**
 - **Critical support to combatant commanders (\$1.29B)**
 - **Eliminating substandard dorms for Airmen (\$1.26B)**
 - **Supporting “20/20 by 2020” initiative to reduce footprint and operating/maintenance costs (\$275M)**
 - **Enhancing quality of life for Airmen and families (\$908M)**
 - **Recapitalizing aging infrastructure (\$776M)**
- **Our Key Programs/Policies (Efficiency/Sustainability is a Trend):**
 - **All new construction must be LEED Silver certifiable**
 - **Vertical construction must use Building Information Modeling**
 - **Energy reduction – future goal of Zero Net Energy**
 - **61% design-build in FY11; expect up to 75% in future**

For More On AF MILCON Program/Opportunities: www.afcee.af.mil



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How Can You Help?

- **Embrace the private/public partnership – we need each other**
- **Share best practices – we want to leverage your expertise in technology and management to be more efficient**
- **Develop new strategies and capitalize on new technologies that help us build more sustainable facilities and infrastructure**
 - **Use less energy**
 - **More environmentally friendly**
 - **Require less manpower**
 - **Lower life-cycle costs**
- **Seek win-win scenarios via third-party investments with AF**

Help Us Find Efficient Ways to Build Sustainable Installations



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QUESTIONS?



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