

# ***Air Force Civil Engineer Support Agency***

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*Engineering Agile Combat Support Worldwide*

## **Air Force Civil Engineer Support Agency**



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**Col Max E. Kirschbaum  
Commander**



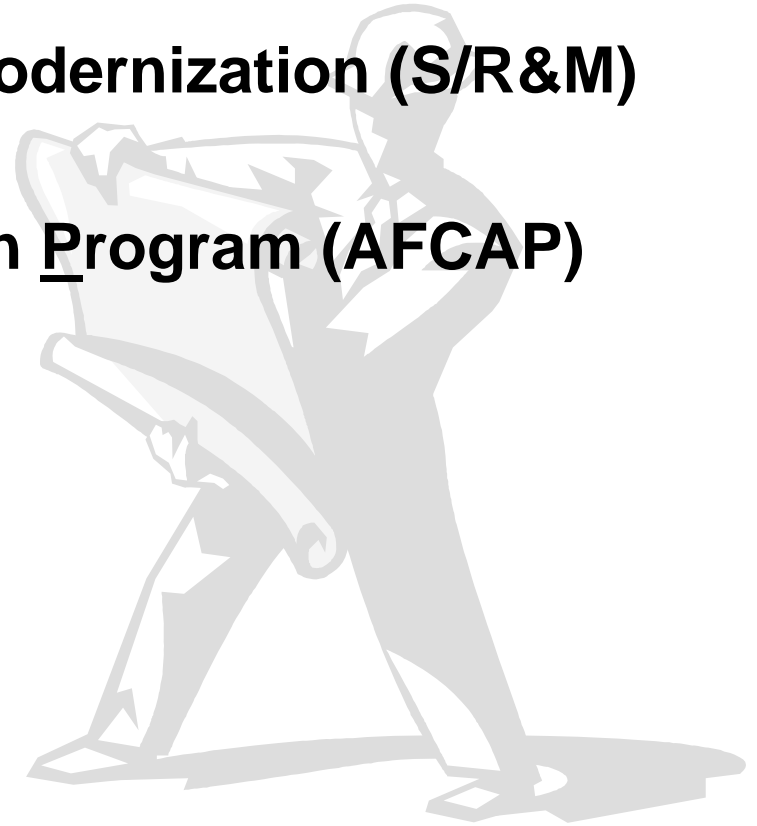


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# AFCESA Overview



- AFCESA – Who we are
- Sustainment, Restoration and Modernization (S/R&M) Program
- Air Force Contract Augmentation Program (AFCAP)
- Labor Support Contracts
- Bottom Line



# *AFCESA MISSION*

***Provide the best tools, practices, and professional support to maximize Air Force Civil Engineer capabilities in base and contingency operations***



# *AFCESA VISION*

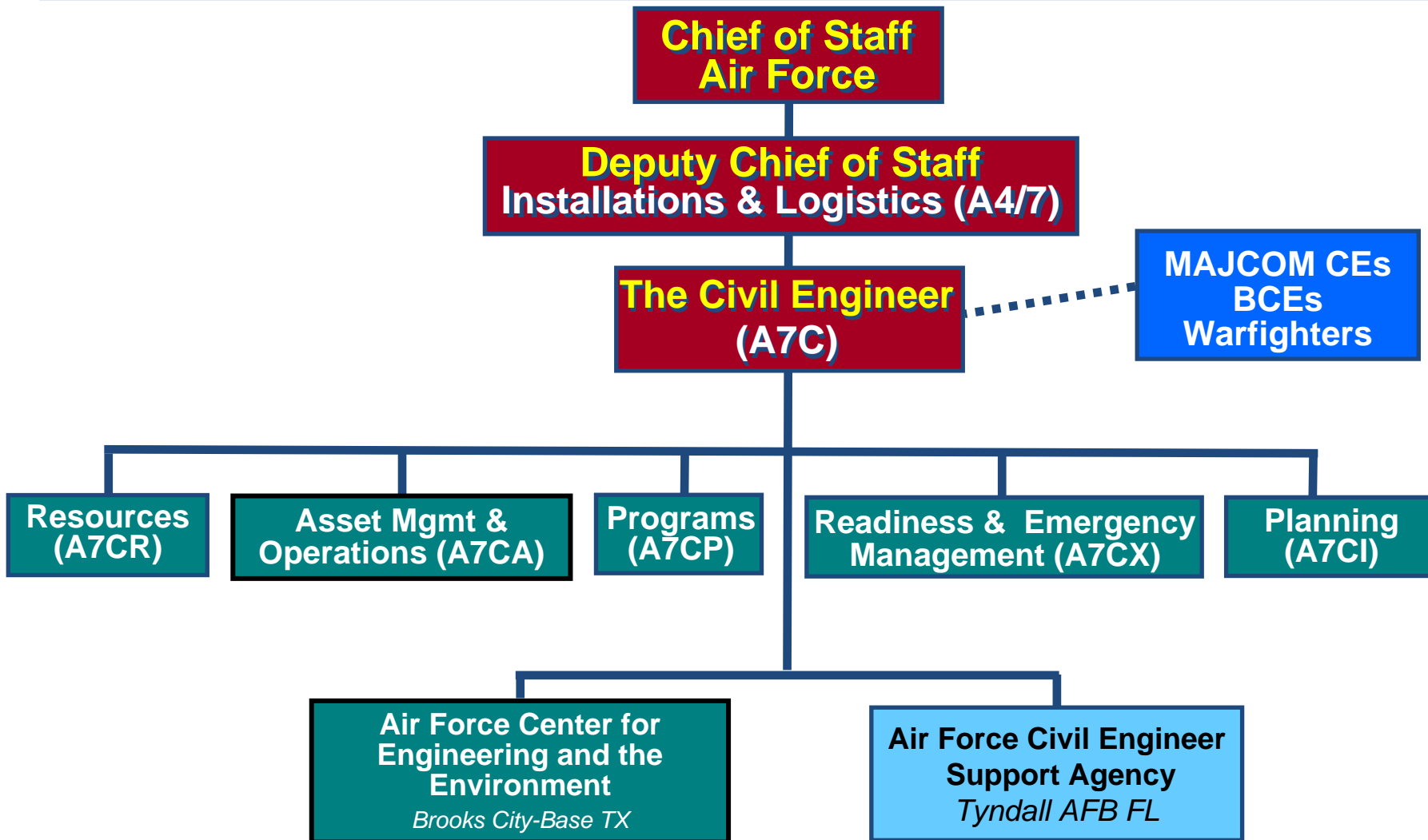
***To be the Air Force leader that enhances agile combat support by integrating asset management principles throughout Civil Engineer operations, advancing readiness and improving energy management***





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# AFCESA Organizational Fit





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# AF Civil Engineer Core Competencies



- ✓ Expeditionary Engineering
- ✓ Emergency Services
- ✓ Installation Engineering

**Environmental Leadership**

**Housing Excellence**



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# *What is AFCESA's Role?*



## ■ AFCESA SERVICES PROVIDE *THREE FUNDAMENTAL ROLES* FOR THE CE COMMUNITY:

### 1. TECHNICAL EXPERTS

- Provide direct support with a wide range of world-class, professional engineering expertise and training resources  
...Readiness to Energy to Pavements, etc...

### 2. EXECUTION SUPPORT

- Provide easy-to-use project contracting, emergency response services, and depot-like support

### 3. FIELD SUPPORT

- CEMIRT & Airfield Pavements Team



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# AFCESA's Core Capabilities



A7C Processes and Capabilities	A7C	AFCESA	AFCEE	AFRPA
Expeditionary and Emergency Services	✓	✓		
Infrastructure Life Cycle Sub-Processes	✓	Sustain, Operate, Manage	Plan, Acquire	Divest
Enablers: Funds and Manpower	✓			

## AFCESA PRODUCTS AND SERVICES - Detailed

### FACILITIES

- Anti-Terrorism/Force Protection
- Life Safety & Building Codes
  - Cost Engineering
  - Energy
  - Roof Systems
- Seismic and Wind

### CIVIL

- Airfield Lighting, Marking, Geometry
  - Pavements
- Structural/Friction Evaluations
- Water/Wastewater/Solid Waste
  - Grounds Maintenance
  - Pest Management

### ELECTRICAL

- Cathodic Protection
- Electronics Energy
- Exterior/Interior Electric Generators
  - Lightning Protection

### MECHANICAL

- HVAC Systems
- Fire Suppression Systems
- Natural Gas Systems
- Boiler Systems
- Plumbing Systems
- POL Systems

### MANAGEMENT

- Industrial Waste Treatment
- Service Contracts
  - ACES
  - EESOH
- Financial Management
- Manpower and Personnel
- Operations Management
- Vehicles, Equipment, & MEEP
- CE Off/Enl Career Field Mgt

### FACILITY ENERGY

- Utilities Privatization
- Utility Rates Management Tm

### CEMIRT

- AAS/MAAS Repair/Upgrade
- Electrical System Analysis/Repair
- Emergency Generator Repair
- MEP Repair and Upgrade
  - HVAC Analysis/Repair
  - UMACS Design/Install
- Power Plant Repair/Upgrade
  - Emergency Response

### TRAINING

- Training Manager's Workshops
- Utilities Privatization/Training
  - AFQTP's/CFETP's
- CERTEST/Cover Train/AFTR
  - Training Development

### EXECUTION

- S/R&M
- AFCAP

### READINESS and EMERGENCY MGT

- Emergency Management Program
  - CBRNE Issues
  - Readiness Plans
  - Readiness Training

### FIRE EMERGENCY SERVICES

- Aircraft Fire Training Facilities
- Fire Vehicle Fleet Management
- Firefighter Training Courses/CDC's
  - Firefighter Certification
  - Fire Protection Readiness
    - Firefighter Safety
  - HAZMAT Response

### EOD

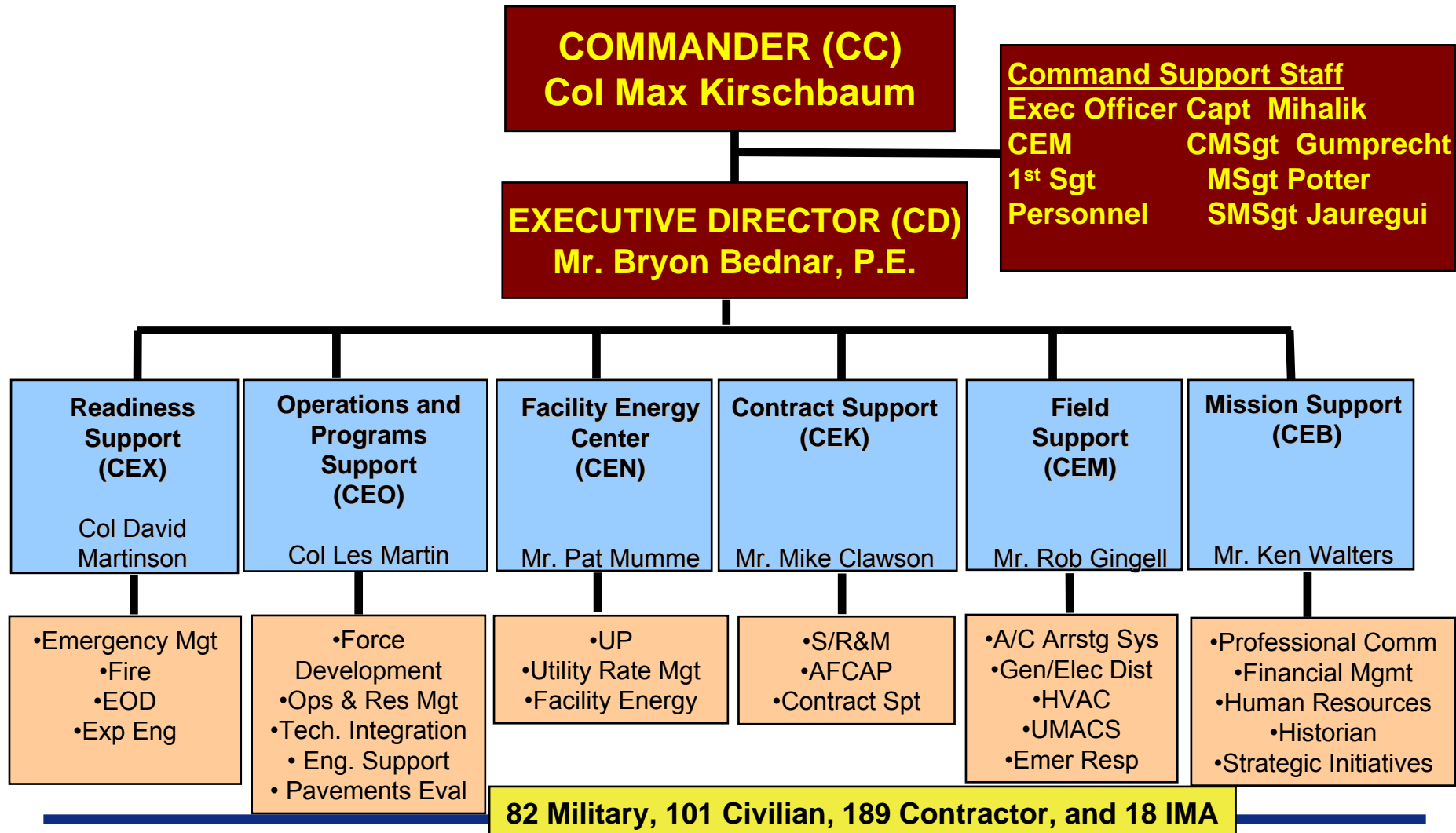
- EOD Force Protection
- EOD Manpower Standards
- EOD Nuclear Program
- Joint Service Equipment
- Joint Service Program/Training
  - Robots/Modernization

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# AFCESA Organization Chart



**82 Military, 101 Civilian, 189 Contractor, and 18 IMA**

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## **Sustainment, Restoration and Modernization (S/R&M) Program**



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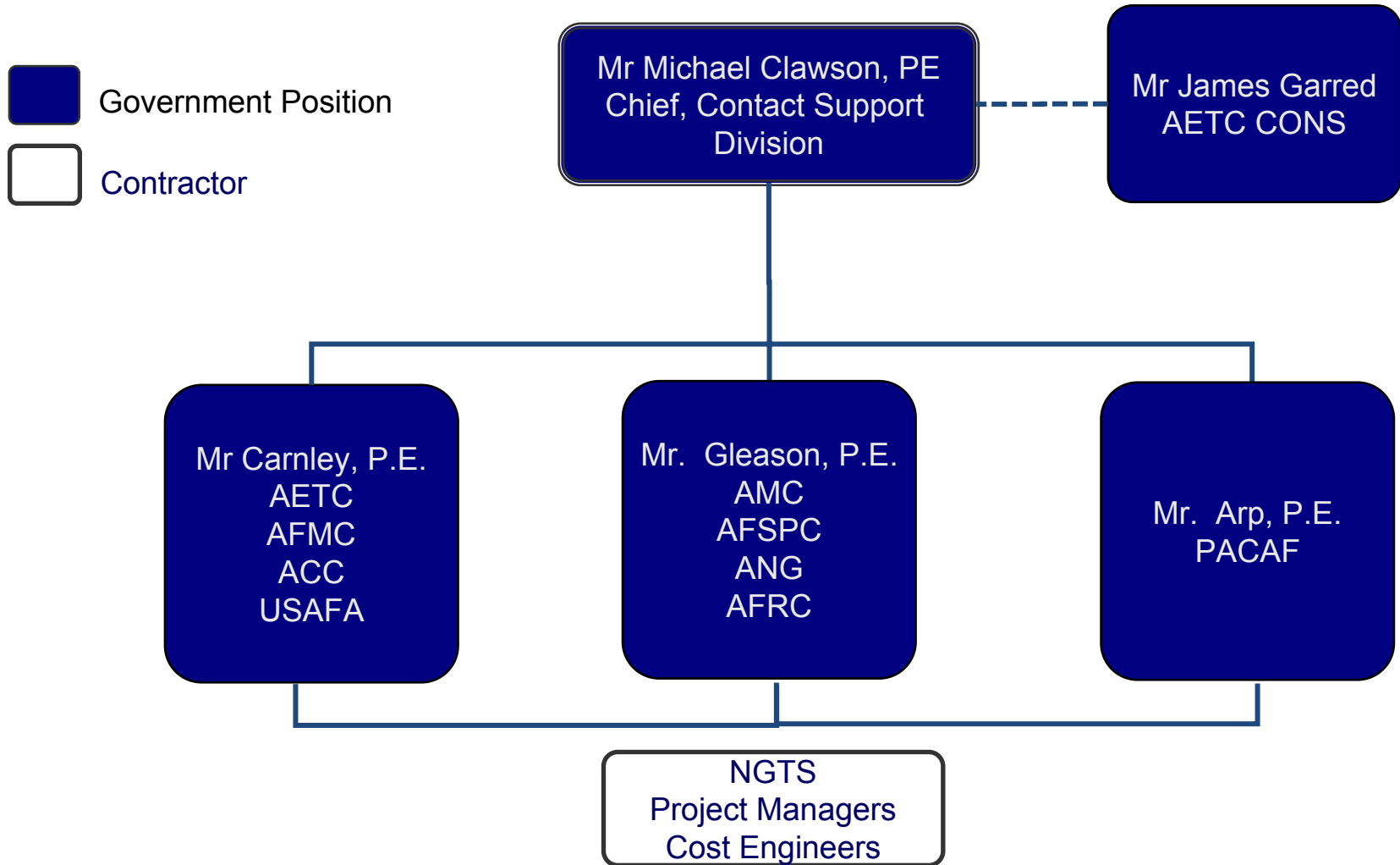




# S/R&M Project Management



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# *Sustainment Restoration and Modernization Program*



- Architect and Engineering Services
- Project Design & Construction
- Project Management
- Infrastructure Assessments, Studies & Scope Development
- Worldwide Support

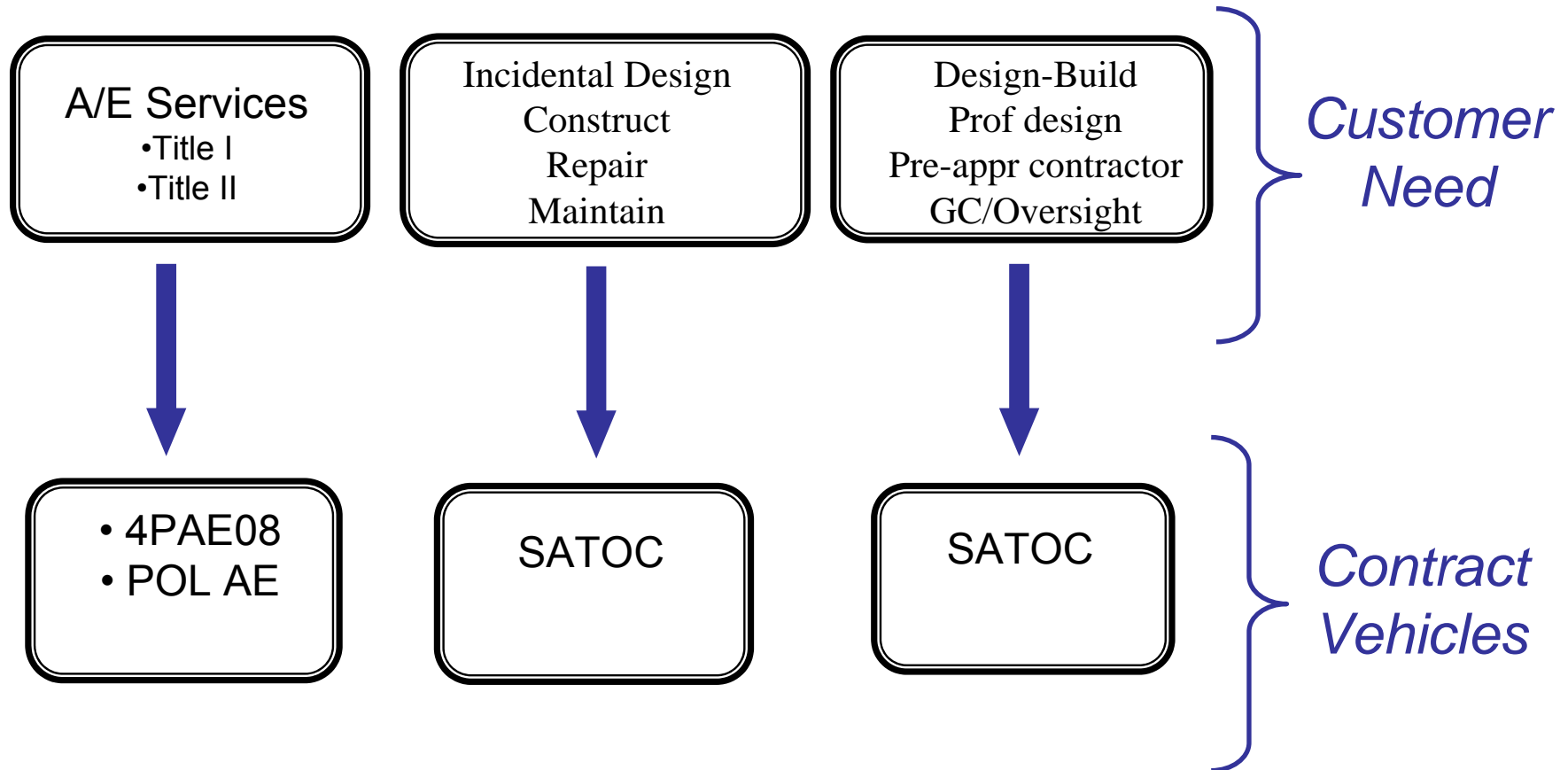


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# Right Tool for the Job





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# FOA's SRM Execution Responsibilities



SRM Execution Aligned with each FOA's Core Competencies

## AFCESA

- **Horizontal SRM**
  - Pavements
  - Utilities/Power Pro
  - Water/Wastewater
  - Elect Distribution
  - HVAC
  - POL
  - Fire Suppression
  - Roofs

## AFCEE

- **Vertical SRM**
  - Facility Renovation
  - Building Additions
- **Military Construction (MILCON)**
- **Military Family Housing**
- **Environmental**



# AFCESA S/R&M Program



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## Contract Capability

- AETC warrant at AFCESA to execute S/R&M O&M and POL-DESC activities
- Architectural/Engineering Services
- Construction Management
- Studies

## Task Order Development

- Write SOWs
- Prepare Government Estimates
- Negotiate
- Manage funds
- Financial/physical closeout
- Provide Technical Reach Back
- Project Tracking

## Contracts Available

- SATOC (SR&M Acquisition Task Order Contract) 19 Primes
- 4P A-E08 (Worldwide Planning, Programming & Design) 30 Primes
- POL A/E



Hurlburt Projects  
Repairing Hurricane  
Damage



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# AFCESA S/R&M Program



## The AFCESA Advantage

- Access to AF Subject Matter Experts (SMEs)
- Access to world-class contractors
- Project Manager (PM) oversight
- PM coordination of acquisition package
- Programming, acquisition, contracting management of funded project





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# *S/R&M Acquisition & Task Order Contract (SATOC)*



- **Multiple Construction Delivery Methods**
  - **Concept Work Plan, Turnkey, Design-Build (DB), Traditional Construction (DBB)**
- **20 contractors including 6 small businesses**
  - **8(a), and Service Disabled Veteran Owned Small Bus**
- **Program Ceiling**
  - **5 year basic (\$4B), 5 option years**
  - **Based on forecast for FY06-FY10 S/R&M Program**
  - **Flexibility for unknown (unpredictable) disaster response/contingencies**
- **Awarded in May 2008**



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# ***SATOC Contractors***



- **AMEC Earth and Environmental, Inc.**
- **CDM Constructors Inc.**
- **CH2M-Hill Facilities and Infrastructure, Inc.**
- **Earthtech Inc.**
- **ECC**
- **Innovative Technical Solutions Inc.**
- **Jacobs Government Services CO.**
- **Johnson Controls/Verser**
- **Parsons Infrastructure and Technology Group, Inc.**
- **Perini Corp**
- **Mactec**
- **Toltest**
- **North Wind**
- **SEI Group, Inc.**
- **Barlovento, LLC**
- **J2 Engineering**
- **Charter Environmental**
- **DWG and Associates**
- **Weston**



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# AFCESA's SRM History



## Actions and Dollars

- FY05 - 172 actions, \$129.3M
- FY06 - 783 actions, \$348.2M
- FY07– 783 actions, \$329.6M
- FY08 – 737 actions, \$458.5M
- FY09 – 396 actions, \$181.1M (through 30 Jun 09)





- **AFCESA's Goals are Rolled up with AETC Contracting**  
(AFCESA Numbers could not be extracted from this total, but AFCESA awards are about 65% of AETC's totals)
- **TOTAL Squadron Obligations Last 3 Years:**

FY06	Goal	Achieved	FY07	Goal	Achieved	FY08	Goal	Achieved
SB	13.50%	20.39%	SB	15.60%	23.68%	SB	22.00%	22.70%
SDB	5.60%	9.20%	SDB	6.30%	5.18%	SDB	7.55%	17.90%
WOSB	1.23%	2.23%	WOSB	2.00%	0.66%	WOSB	2.15%	7.50%
Hubzone	1.60%	1.67%	Hubzone	1.70%	0.40%	Hubzone	1.00%	10.60%
SDVOSB	1.40%	0.99%	SDVOSB	1.45%	0.81%	SDVOSB	1.40%	1.70%
VOSB	None	0.99%	VOSB	None	0.14%	VOSB	None	2.70%



# FY 08 SRM Awards by Customer



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MAJCOM	Task Orders	Obligated Total
<a href="#"><u>ACC</u></a>	24	\$40,905,043.35
<a href="#"><u>AETC</u></a>	20	\$47,611,925.04
<a href="#"><u>AFDW</u></a>	3	\$24,017,997.38
<a href="#"><u>AFMC</u></a>	13	\$15,397,482.82
<a href="#"><u>AFRC</u></a>	15	\$26,598,467.19
<a href="#"><u>AFSOC</u></a>	4	\$3,039,253.66
<a href="#"><u>AFSPC</u></a>	28	\$30,639,822.55
<a href="#"><u>AMC</u></a>	9	\$12,350,479.87
<a href="#"><u>ANG</u></a>	3	\$4,944,481.00
<a href="#"><u>DLA</u></a>	5	\$19,056,700.64
<a href="#"><u>PACAF</u></a>	57	\$146,916,351.52
<a href="#"><u>USAF</u></a>	1	\$5,432,733.00
<a href="#"><u>USAFA</u></a>	8	\$37,403,574.80
<a href="#"><u>USAFE</u></a>	2	\$1,110,127.08
	192	\$415,424,439.90



# FY 09 Awards by Customer

(As of 31 May 09)



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MAJCOM	Task Orders	Obligated Total
<a href="#">ACC</a>	1	\$1,959,062.38
<a href="#">AETC</a>	4	\$2,127,381.96
<a href="#">AFCESA</a>	3	1,324,343.79
<a href="#">AFDW</a>	0	\$0.00
<a href="#">AFMC</a>	0	\$743,435.20
<a href="#">AFRC</a>	1	\$2,293,262.30
<a href="#">AFSOC</a>	0	\$66,675.67
<a href="#">AFSPC</a>	1	\$820,176.93
<a href="#">AMC</a>	6	\$35,387,951.71
<a href="#">ANG</a>	1	\$608,755.39
<a href="#">DLA</a>	2	\$753,732.22
<a href="#">PACAF</a>	8	\$58,383,214.03
<a href="#">USAF</a>	0	\$0.00
<a href="#">USAFA</a>	2	\$10,683,074.68
<a href="#">USAFE</a>	0	\$0.00
	29	\$115,151,066.26



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# *SRM on the Horizon*



- **Potential for Small Business Set Asides for Construction Multiple Award Contracts (MAC)**
- **Transition in FOA SRM Execution**
  - **FOAs maintain current Task Order (TO) capacity through FY10**
    - **190 TOs AFCESA, 60 TOs AFCEE**
    - **FY11 & beyond capacity is reduced to provide FOA core competencies**
    - **FY11 Projected Capacity: 60 TOs AFCESA, 40 TOs AFCEE**
  - **Drawdown Contingent Upon MAJCOMs capability through IAT and/or manpower adequacy**
  - **Increased availability of SATOC Decentralize Contract Ordering**

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## **Air Force Contract Augmentation Program (AFCAP)**



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**AFCAP**



## Air Force Contract Augmentation Program

- \$10B – 10 yr Contract
- Urgent & Compelling
- Fair Opportunity Competition
- Global Response

## World Class Contract Partners

- URS & Louis Berger, JV
- DynCorp International
- CH2M Hill & KBR Global Svs
- Readiness Mgt Support
- Washington Group





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# ***AFCAP Support***

## ***Current Global Tasks***



- **Since 9/11/01, \$1.4B funded via AFCAP contract**
- **Current AFCAP tasks, over \$400M supporting National Command Authority:**
  - **Supports OEF/OIF including humanitarian relief, base camps, border fortifications, electricity at deployment bases, and air traffic management**
  - **Supported Hurricane recovery efforts (FEMA)**
  - **Supports Other Contingencies: PACAF support, manpower backfills, Office of Foreign Disaster Assistance support**
- **Capabilities include services support, commodities procurement, and construction services**

***AFCAP available for contingency support!***



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# Response Spectrum

## Broad Range of Capabilities



- **Installation Support Services**
  - Fill forward gaps
  - Sustainment
  - Reconstitution
  - Bridge home station shortfalls
- **Contingent Logistics**
  - War reserve materiel augmentation
  - Vehicles & heavy equipment / leases
  - Just-in-time supplies / materials
  - Humanitarian relief support
- **Expeditionary Construction**
  - Planning, facility hardening
  - Emergency, disaster/base recovery
  - Site restoration



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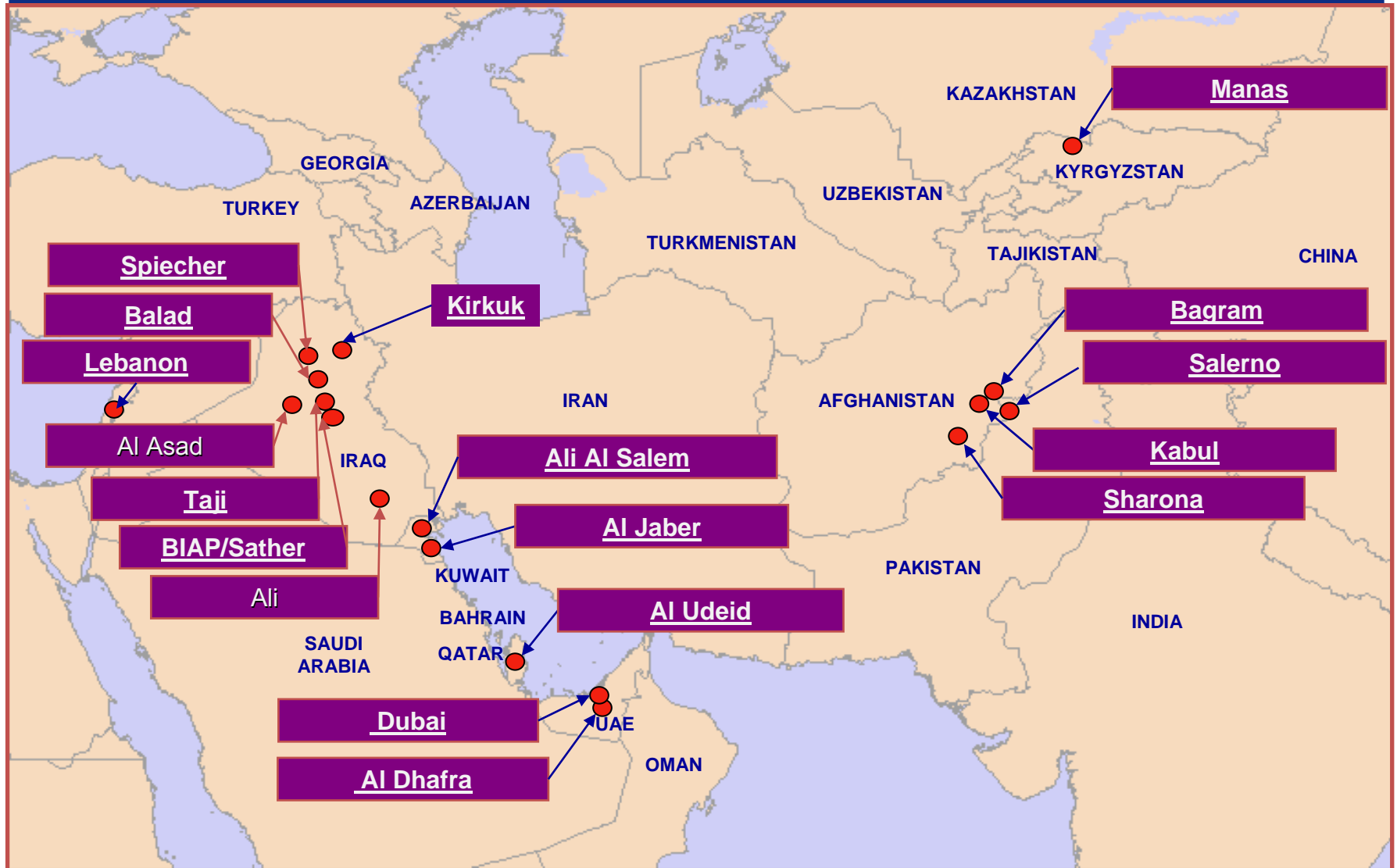




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# AFCAP III in SWA

## Locations



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# *AFCAP on the Horizon*



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- **AFCAP Operating in More of a “Sustainment” Phase (More Services versus Logistical/Construction Support)**
- **Some current LOGCAP requirements maybe transferring to AFCAP**
- **DCMA to ECONS for Contract Admin (non-JCCI/A)**
  - **New OSD Office on the Horizon**

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## **AFCESA Labor Support Contract Opportunities**



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# Current Labor Support Contract



## Current Contract :

### ■ Single Award BPA through GSA

- Five years: Base Year plus 4 Options
- Incumbent Contractor : Northrop Grumman
- Current Task Orders Awarded: 68
- Annual/Current Awarded Amount: \$69 Million
- Current BPA Ends May 2011

### ■ Non BPA Task Orders Currently Awarded: 10

- Annual/Current Awarded Amount: \$14 Million
- Task Orders awarded via competition off GSA schedules
- Incumbent Contractor: Various



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# Current Labor Support Contract



- **Contract Supports following programs:**
  - **SRM & AFCAP Project/Program Management/Contracting Spt**
  - **Energy Program Management**
  - **Resource Efficiency Manager (REM)**
  - **CEMIRT Labor Support**
  - **Automation & IT Support**
  - **Readiness & Fire Program Management/Expertise**
  - **Engineering Design & Program Management Expertise**
  - **Airfield Pavements Team**
  - **Utilities Privatization Program Management/Expertise**
  - **Various other AFCESA Programs**
  - **Various Air Staff Labor Requirements**
  - **Various MAJCOM Labor Requirements**



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# Replacement Alternatives For AFCESA Labor Support



- **Goals for Replacement Labor Support contract vehicles**
  - **Increased competition**
  - **Better pricing/lower costs**
  - **Improved customer support**
  - **Greater small business participation**



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# Replacement Alternatives For AFCESA Labor Support



- **AFCESA is partnering with AFCEE on GEITA10**
- **Will be IDIQ contracts under NAICS code 541620**
- **AFCEE currently anticipates awarding approximately five (5) basic contracts.**
  - **Approximately three (3) contracts will be awarded based on full and open competition**
  - **Approximately two (2) basic contracts will be awarded using small business set-aside procedures**
- **A portion of future AFCESA labor support requirements will be awarded via GEITA10 Contracts**



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# Replacement Alternatives For AFCESA Labor Support



- **AFCESA will be going through GSA to replace the current BPA with a new competitive contract vehicle**
- **This competitive contract vehicle anticipated to be able to meet all AFCESA labor support needs**
- **Contract awards will go to multiple vendors**
- **Award anticipated early 2011**



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# Replacement Alternatives For AFCESA Labor Support



## Way Forward:

### ■ GEITA10

- Go to the AFCEE GEITA10 website for more info:  
<http://www.afcee.brooks.af.mil/pkv/geita10/default.asp>

### ■ GSA

- Details will be posted on Fed Biz Ops  
<http://www.fedbizops.gov> and/or  
<https://www.ebuy.gsa.gov>



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# *Developing Small Business Opportunities*



- **Develop relationships with our current stable of prime contractors and their teaming partners**
  - **Construction, Maintenance and Repair, Studies, Design, Services, Construction Management, and Commodities**
- **Take full advantage of teaming opportunities on future contracts**
  - **Future Acquisitions Encompasses Wide Range of traditionally SB activities**



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# Questions ??