

# Air Force Civil Engineer Center

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**USAF Environmental  
Programs  
SAME Industry Day  
9 Sept 2020**

**Lt Col Gregory Mayer, P.E.  
AFCEC/CZ**

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# Overview

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- **CZ Directorate Mission**
- **Environmental Quality Industry Opportunities**
- **Environmental Restoration Industry Opportunities**
- **Environmental AE 2020 Opportunities**

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# CZ Mission and Vision



## Mission:

- Safeguarding our mission, Airmen and environmental resources by continuously improving Air Force stewardship and compliance

## Vision:

- To be the world leader in sustaining and promoting sound environmental performance for our Airmen, their families and communities to meet our mission in air, space and cyberspace

 <p><i>What do the Components do?</i></p> <ul style="list-style-type: none"> <li>Steam Boiler: Generates steam that is injected into ground</li> <li>Vacuum (Boiler) Returns vacuum to soil fabric to restore inherent vapors from ground</li> <li>Oil-Water Separator: Separates water from solvents and oil</li> <li>Air Stripper: Removes dissolved solvents from water and sends them to the final oxidizer in open phase</li> <li>Flare and Oxidizer: Destroys odorous vapors</li> <li>Spent Chlorine: Cooks solvent from thermal oxidizer</li> <li>Smelter: Adds caustic fluid to reduce acidity of discharge at acid water</li> <li>Carbon Filter: Removes any dissolved solvents that remain in water</li> <li>Molecular Sieves: Separates water from vapor</li> <li>Caustic Tank: Holds caustic liquid that is fed to the scrubber</li> </ul>		
Environmental Restoration	Environmental Quality	Wildland Fire Center

***Enabling AF Missions By Keeping Bases & Ranges Compliant With Law***



# Program Overview

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- **AF Environmental Program is centrally managed**
- **Two programs based on funding type**
  - **Environmental Quality (EQ): Compliance, Conservation & Pollution Prevention**
  - **Environmental Restoration Account (ERA): Restoration & Emergent Contaminants**
- **Funding/resources constrained in both EQ & ERA**
- **Limited resources & legal requirements drive overall Environmental Acquisition Strategy**
  - **Right contract type for right requirement at the right time**
  - **Competitive awards to leverage cost savings**
  - **Consolidated contracts across installations where it makes sense**
- **Environmental Planning Services Requirement**

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# Environmental Quality

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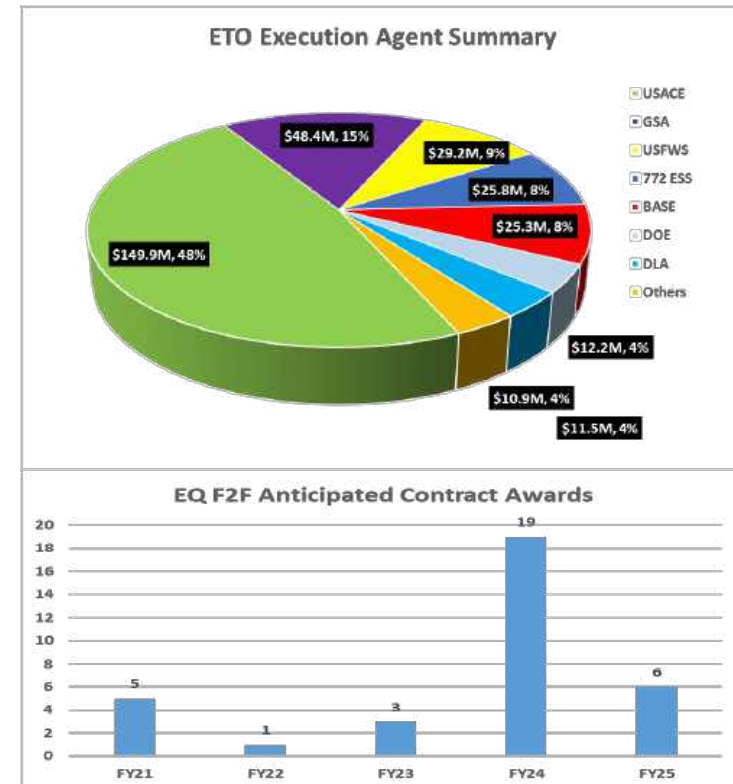
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# FY21 Execution Strategy



- **Execute FY21 Environmental Task Order (ETO)**
  - ETO = F2F + NEPA + Sikes Act + Enterprise Projects
  - 2,953 Requirements @ \$314M
- **FY21 EQ Funding (Budgeted) = \$244M**
- **Consolidate Current EQ Fence-to-Fence (F2F) Contracts**
  - Provides baseline recurring environmental requirements
  - Optional CLINs can be used to provide non-recurring services
  - May include environmental BOS requirements (i.e. HazWaste)
  - One contract may cover multiple installations w/in geographic area
  - Agents: USACE & GSA
- **Maximize Competitive Small Business**

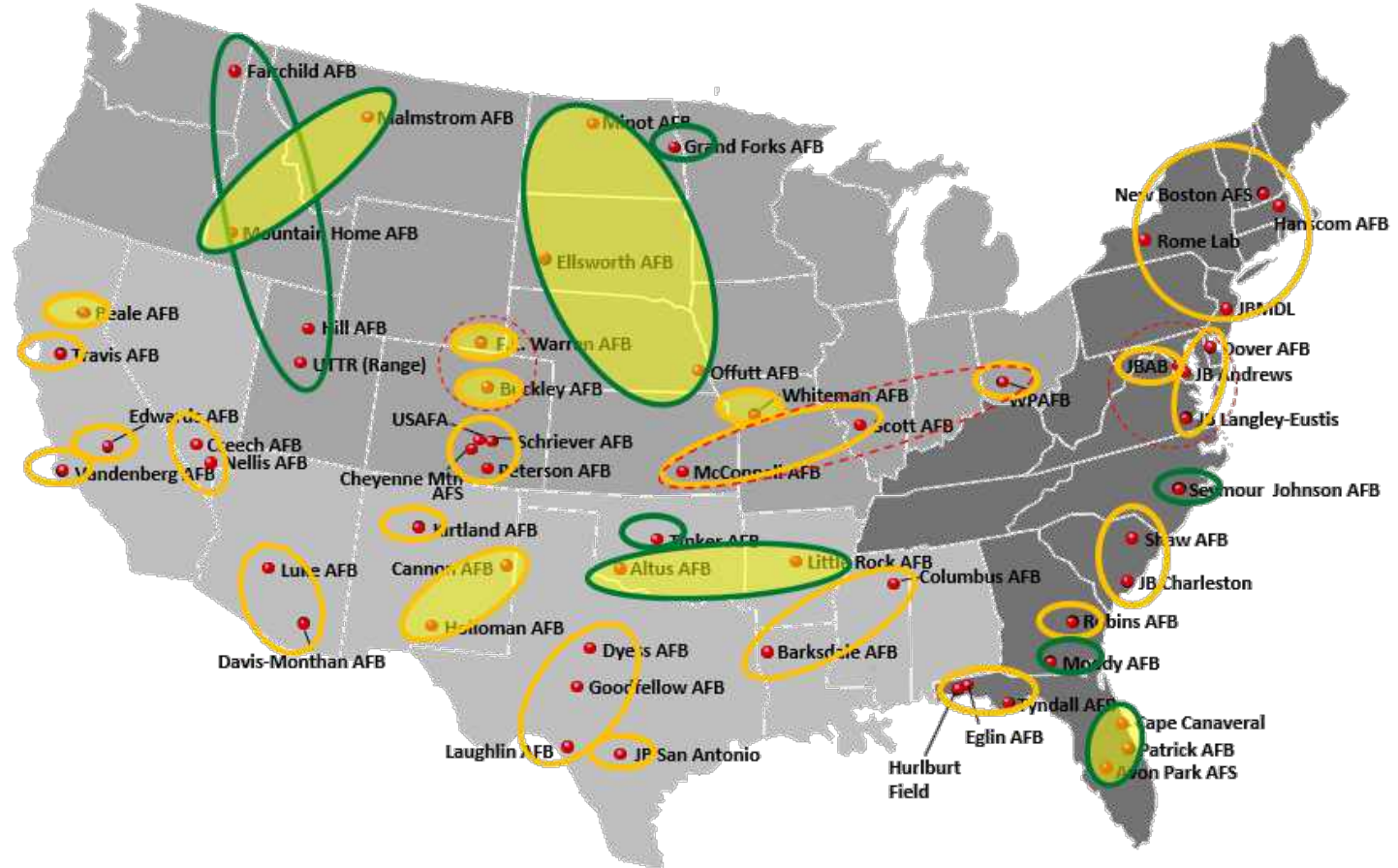


**F2F = Fence-to-Fence Acquisition Strategy**





# F2F Acquisition Strategy





# FY21-23 F2F Acquisitions



FY	Qtr	AFCEC/CZO Branch	Installation(s)	Agent	District/Region	Set Aside
FY21	Q2	West	Nellis, Creech, Nellis Range	GSA	Region 7	SB
FY21	Q2	Europe	Germany (Ramstein, Spangdahlem, USAFE)	764th	SCONS	
FY21	Q2	Europe	United Kingdom	764th	SCONS	
FY21	Q3	Midwest	Buckley	GSA	Region 7	8(a)
FY21	Q3	East	JBAB	GSA	Region 7	SB
FY22	Q2	Midwest	Hill / UTTR, Fairchild	USACE	Sacramento	
FY23	Q2	East	Seymour Johnson	USACE	Savannah	SB
FY23	Q2	East	Moody	USACE	Savannah	SB
FY23	Q3	Midwest	Buckley, FE Warren	GSA	Region 7	8(a)





# FY24 F2F Acquisitions



FY	Qtr	AFCEC/CZO Branch	Installation(s)	Agent	District/Region	Set Aside
FY24	Q1	West	Cannon, Holloman	GSA	Region 7	8(a)
FY24	Q2	West	Beale	GSA	Region 7	8(a)
FY24	Q2	East	Patrick, Cape Canaveral, Avon Park	USACE	Mobile	8(a)
FY24	Q2	Midwest	Ellsworth, Minot, Offutt	USACE	Omaha	8(a)
FY24	Q2	Midwest	Whiteman	GSA	Region 7	8(a)
FY24	Q2	East	JB MDL, Hanscom, Rome Labs, New Boston	GSA	Region 7	SB
FY24	Q2	East	Eglin, Tyndall, Hurlburt Field	GSA	Region 7	SB
FY24	Q2	Midwest	Scott, McConnell, WPAFB	GSA	Region 7	SB
FY24	Q2	Midwest	Grand Forks	USACE	Omaha	SB
FY24	Q3	West	Little Rock, Altus	USACE	Tulsa	8(a)
FY24	Q3	West	Tinker (BIEST)	USACE	Tulsa	
FY24	Q3	Midwest	Malmstrom, Mountain Home	USACE	Seattle	8(a)
FY24	Q3	West	Dyess, Laughlin, Goodfellow	GSA	Region 7	SB
FY24	Q3	West	Davis-Monthan, Luke	GSA	Region 7	SB
FY24	Q3	West	Vandenberg	GSA	Region 7	SB
FY24	Q3	West	Barksdale, Columbus	GSA	Region 7	SB
FY24	Q3	West	Travis	GSA	Region 7	SB
FY24	Q3	East	JBLE, JB Andrews, Dover, JBAB	GSA	Region 7	SB
FY24	Q3	Midwest	Peterson, Cheyenne Mt, Schriever, USAFA	GSA	Region 7	SB



# ***FY25 F2F Acquisitions***



<b>FY</b>	<b>Qtr</b>	<b>AFCEC/CZO Branch</b>	<b>Installation(s)</b>	<b>Agent</b>	<b>District/Region</b>	<b>Set Aside</b>
FY25	Q1	West	Edwards	GSA	Region 7	SB
FY25	Q2	East	Robins (BIEST)	GSA	Region 4	
FY25	Q3	East	JB Charleston, Shaw	GSA	Region 4	SB
FY25	Q3	West	JBSA	GSA	Region 7	SB
FY25	Q3	West	Kirtland	GSA	Region 7	SB
FY25	Q4	Pacific	Alaska	USACE	Alaska	SB



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# Environmental Restoration

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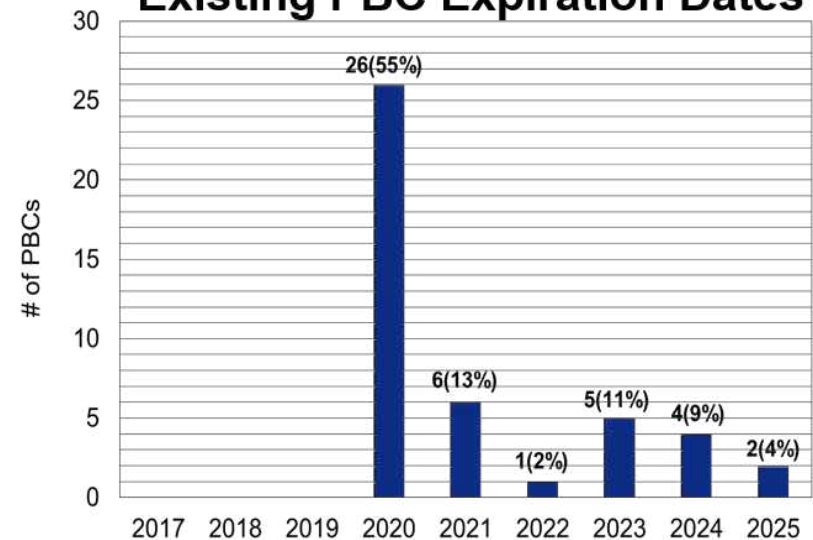
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# Execution Strategy

- **FY21 Funding (Budgeted) = \$304M**
- **Execution constrained by available funding**
- **USAF Remains Committed to Existing Installation-Wide PBCs**
  - **Current PBCs expiring between FY21-25**
  - **Addressing emergent contaminants a challenge**
- **PFOS/PFOA Investigation/Mitigation addressed with fixed-price contracts**
- **Developed new Optimized Remediation Contract (ORC)**
  - **Firm-Fixed Price (FFP), Indefinite Delivery Indefinite Quantity (IDIQ) w/6-10 yr Period of Performance (PoP)**
  - **Small Business (SB) set-asides & unrestricted competition will be used**
  - **Award: Best Value → clean-up strategy carries weight in award decision**

**Existing PBC Expiration Dates**

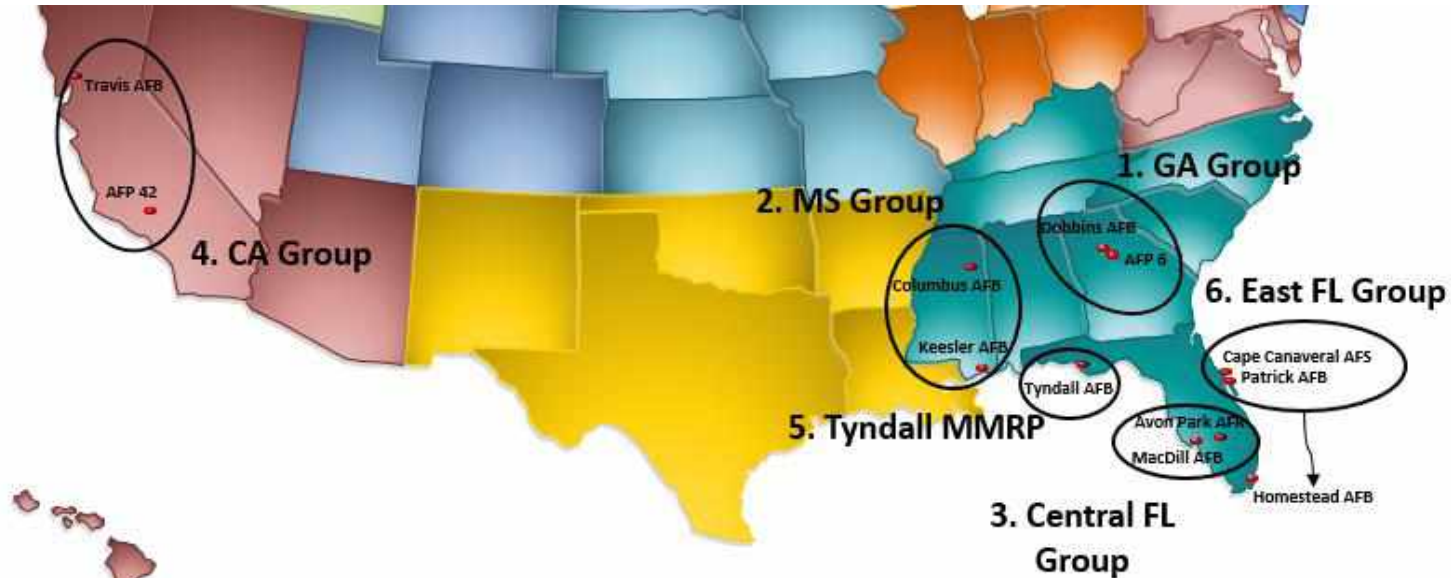


**Transition to Optimized Remediation Contracts (ORC) Started in FY20**

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# FY21 ORC Groups



FY21	ORC Groupings	Contract Agent	Estimated Award Date
1	Dobbins AFB, GA; AF Plant 6, GA	USACE	3/31/2021
2	Columbus AFB, MS; Keesler AFB, MS	772nd ESS	5/15/2021
3	Avon Park AFR, FL; MacDill AFB, FL;	USACE	5/27/2021
4	Travis AFB, CA; AF Plant 42, CA	USACE	6/30/2021
5	Tyndall MMRP	USACE	6/30/2021
6	Cape Canaveral AFS, FL; Homestead AFB, FL; Patrick AFB, FL	USACE	5/27/2021



# FY21 ORC Current Status

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- **Wide scope of requirements**
  - 5 States
  - 12 Installations
  - 208 Sites
- **Execution Agent**
  - USACE
  - 772nd (Mississippi Group)
- **Timeframe for contract awards April-June 2021**
  - Projected award dates based on minimum 3-month overlap between PBRs and ORCs

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# Environmental Planning

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# AE2020 – Environmental Functions

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- **Architect and Engineering Services IDIQ – AE2020**
  - Ordering Period of up to 10 years, ceiling is more than \$1B
  - Acquisition Status: Market Research is underway
  - Approximate award is late 2021
  - Scope includes: Title I and II Services; Other A-E Services
- **CZ Interest in the following capabilities:**
  - **Environmental Quality**
    - Environmental Restoration / BRAC (Base Realignment and Closure)
      - PFOA/PFAS – Interim Remedial Action (IRA)
      - CERCLA/RCRA
    - Environmental Planning and Programming
      - NEPA
      - Conservation
  - **Defense Logistics Petroleum, Oil, and Lubricants (POL) Restoration, Compliance and Demolition**
    - Restoration, Environmental Compliance, Leak Detection Testing, and Demolition Design of fuel systems
  - **Other Areas of Essential Support**
  - **Management of Chemistry Services**

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# Summary

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- **Multiple Opportunities for environmental work across the Air Force Enterprise in FY21 (and beyond)**
- **For more information**
  - **Fence to Fence Contracts: Ms. Judy Lopez, AFCEC/CZO (judy.lopez.1@us.af.mil)**
  - **Optimized Remediation Contracts: Ms Margaret Douchand, AFCEC/CZRA (margaret.douchand@us.af.mil) or Mr. Thor Kooda, AFCEC/CZRA (thor.kooda.1@us.af.mil)**
  - **AE 2020: Ms. Kerry Santos, 772 ESS/PKS (kerry.santos@us.af.mil)**

