

# SOCIETY OF AMERICAN MILITARY ENGINEERS

## Sustaining Members Update

# Wrap-up

Presented by:

**COL ROEMHILDT**  
District Commander



**Mobile, AL**  
**November 17, 2011**

US Army Corps of Engineers  
**BUILDING STRONG®**



# Wrap-Up

- Workload Trend
- Safety
- Energy
- New Opportunities
- SAME Recognition
- Upcoming SAME Events

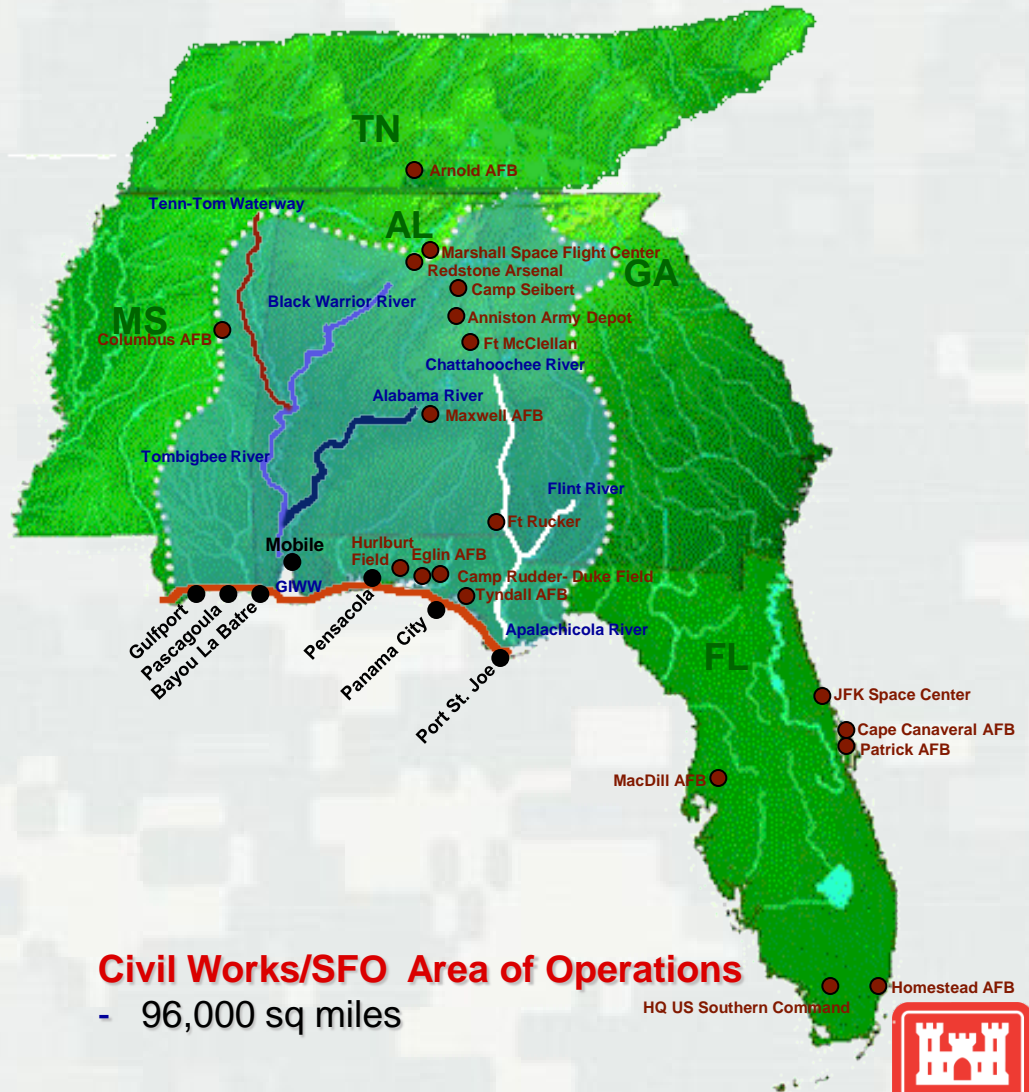


# Area of Operations



## Military Area of Operations

- 252,200 CONUS sq miles
- 1,770,015 OCONUS sq miles
- 3,800 miles North-South
- 10 Army Installations
- 10 Air Force Installations

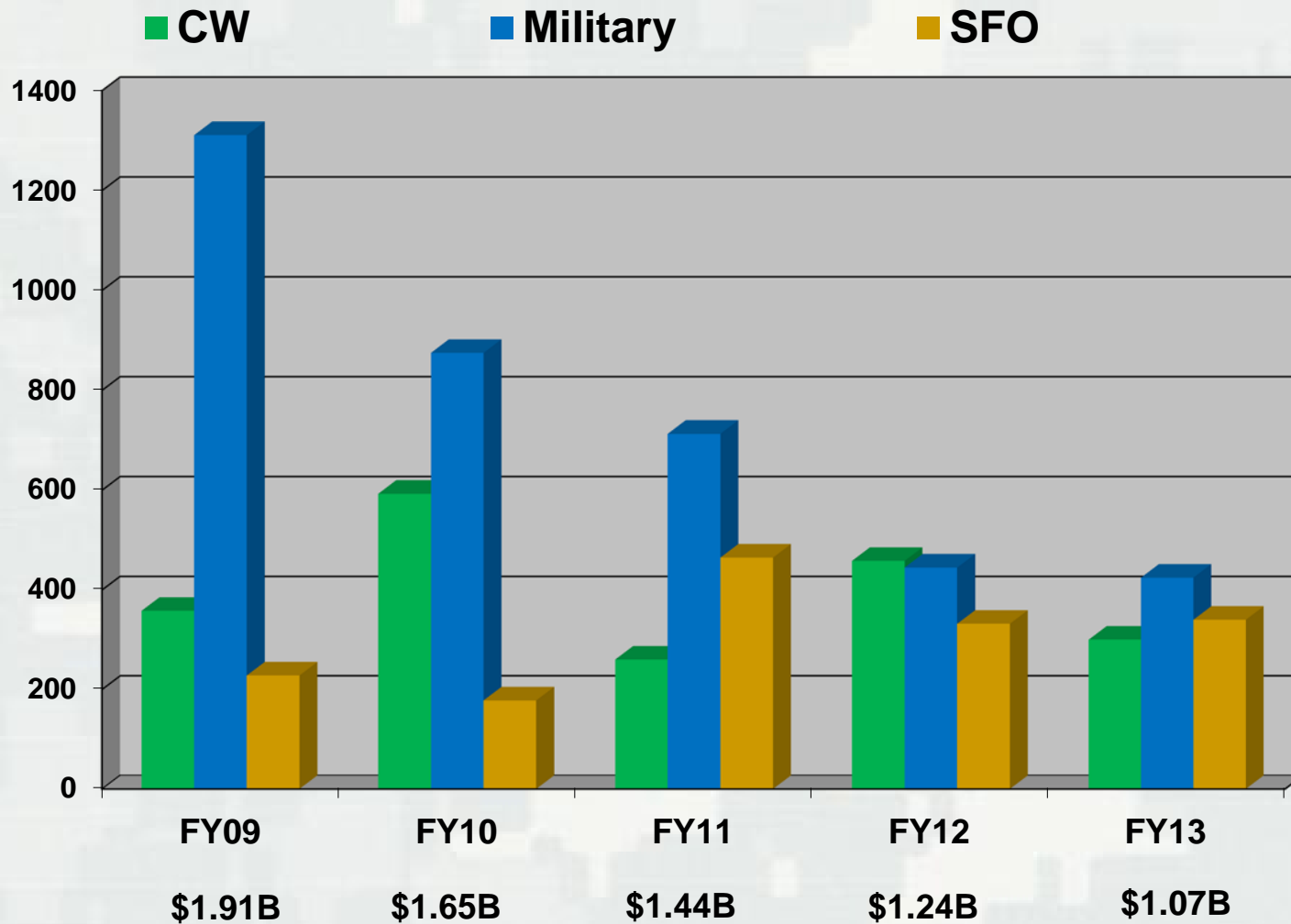


## Civil Works/SFO Area of Operations

- 96,000 sq miles



# Mobile District



# FY12 Acquisition Plan

**Federal Business Opportunities (FedBizOpps.Gov)**

<http://www.fbo.gov>

**US Army Corps of Engineers, South Atlantic Division**

<http://www.sad.usace.army.mil>

**US Army Corps of Engineers, Mobile District**

<http://www.sam.usace.army.mil>

**Mobile District Current and Future Contracts**

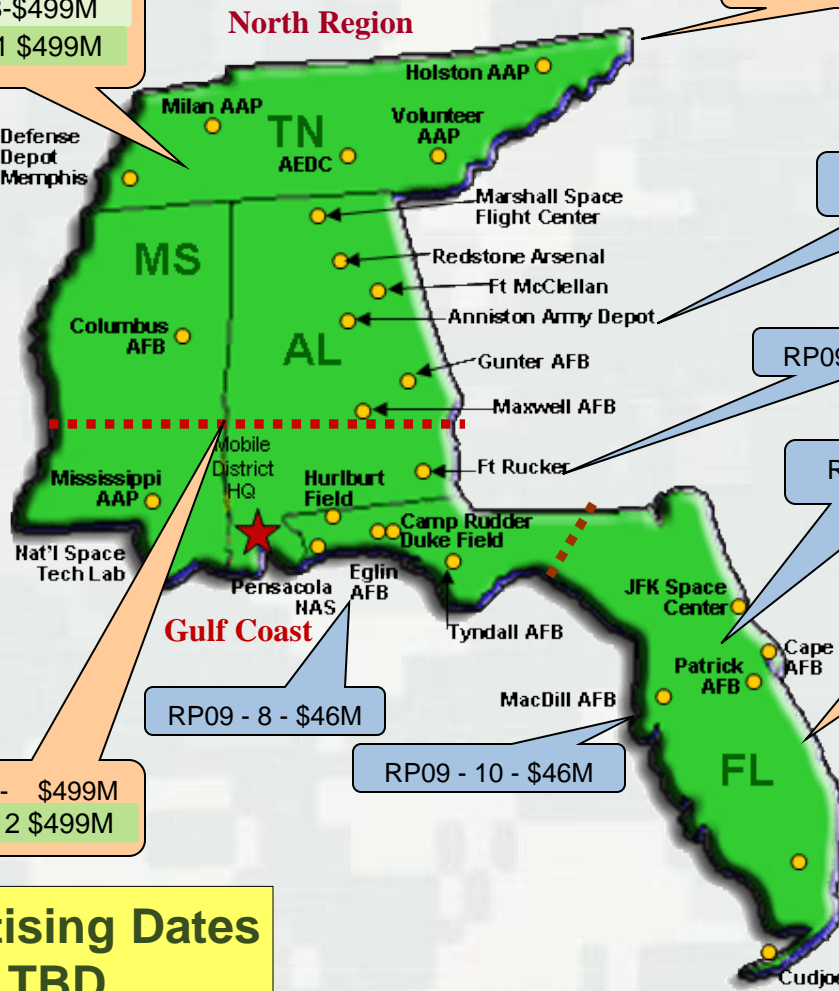
<http://www.sam.usace.army.mil> Select “Small Business”



# Regional Contracts

GC09-8-\$499M  
GC09-11 \$499M

GC09-14 - \$499M



RP09-7 - \$46M

RP09-9 - \$46M

RP09-11- \$46M

GC09-10 - \$499M  
GC09-13 - \$499M

RP09 - 8 - \$46M

RP09 - 10 - \$46M

GC09-9 - \$499M  
GC09-12 \$499M

**Advertising Dates  
TBD**

GC = General Construction  
RP = Reimbursable Program (O&M\$)



## FUTURE MATOC

GC09-8	UR	\$499M	Pending
GC09-9	UR	\$499M	
GC09-10	UR	\$499M	Awarded
GC09-11	SB	\$499M	
GC09-12	SB	\$499M	AWARDED
GC09-13	SB	\$499M	
GC09-14	HUB	\$499M	Advertise 2nd Qtr 2012

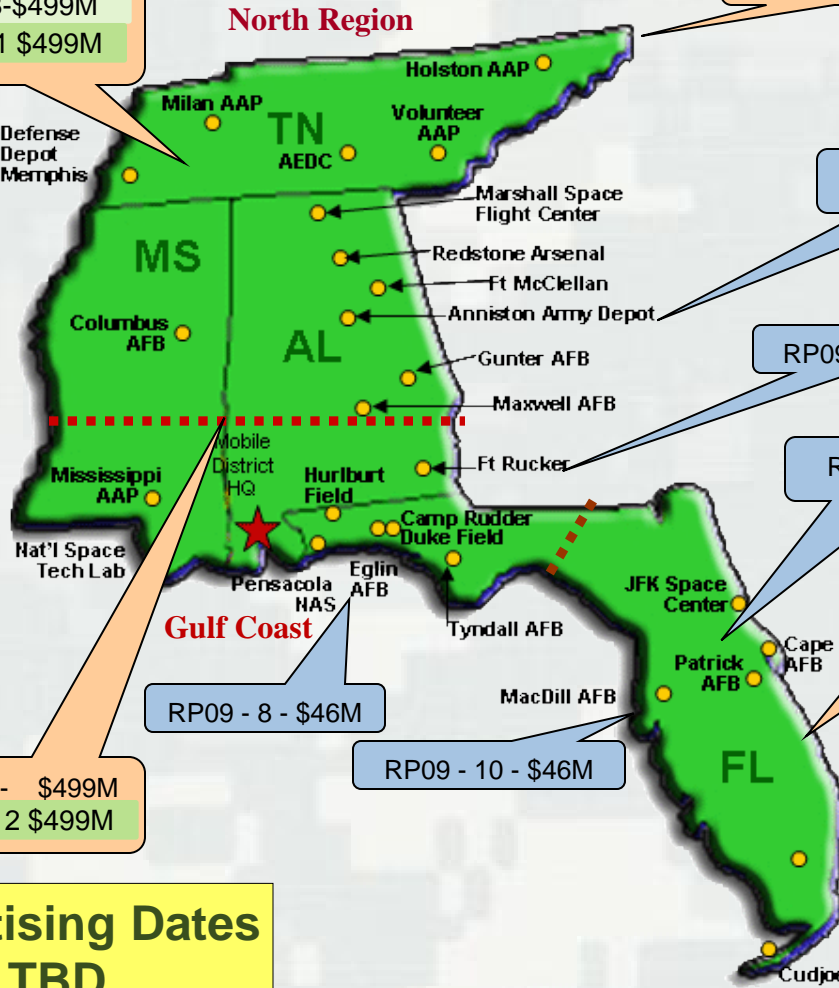
## FUTURE SATOC

RP09-7	8(a)	\$46M
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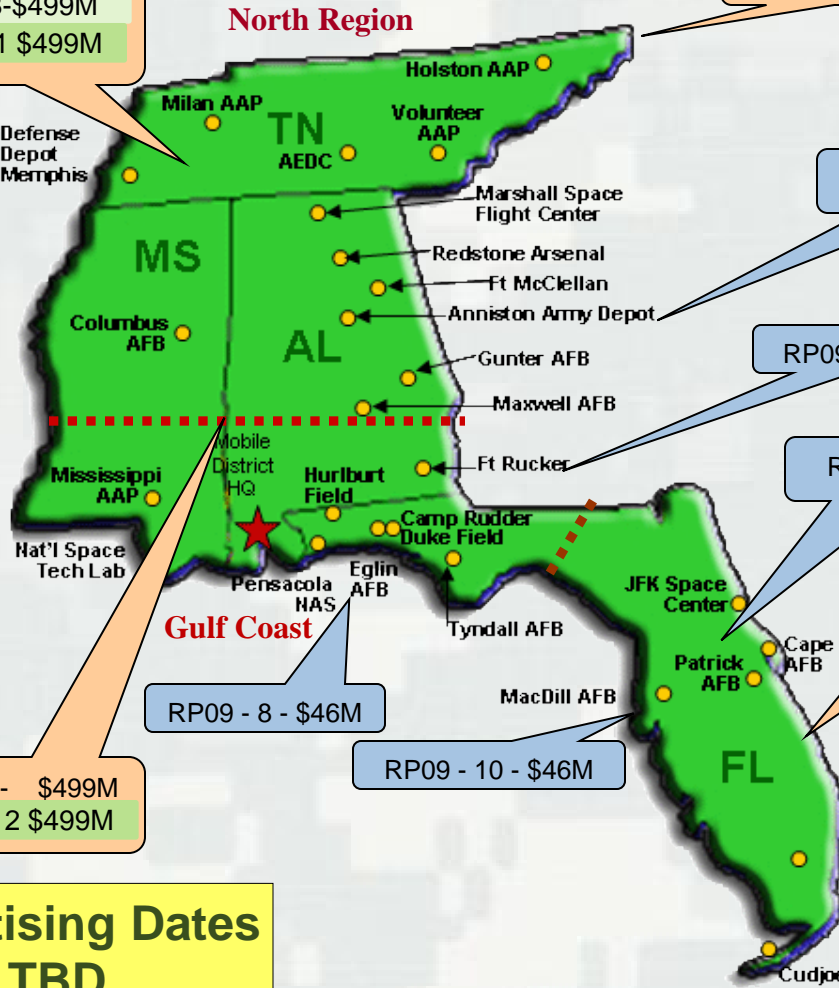
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# SAFETY - FY 11 Totals

Funding Type	Man-hours	Total Accidents	Lost Time Accidents	Maximum Tolerance	Frequency Rate
Government Civil	1,702,424	23	8	1.24	0.94
Government Military	877,479	0	0	0.43	0.00
Contractors Civil	1,296,102	44	8	0.58	1.23
Contractor Military	7,845,318	26	3	0.28	0.08
	Visitor Days	Total Fatalities		Maximum Tolerance	Frequency Rate
Public Fatalities	16,852,663	31		0.77	1.84



# SAFETY - FY 12 USACE DART Goals

Funding Type	Green	Amber	Maximum Tolerance
Government Civil	≤1.24	1.25-1.50	≥1.51
Government Military	≤0.43	0.44-0.59	≥0.60
Contractors Civil	≤1.04	1.05-1.39	≥1.40
Contractor Military	≤0.50	0.51-0.67	≥0.68
Public Fatalities	≤0.75	.76 - .81	≥0.82

\* DART = Days Away, Restricted or Transferred due to accident



# SAFETY - FY 12 USACE TCIR Goals

Funding Type	Green	Amber	Maximum Tolerance
Government Civil	$\leq 2.36$	2.37-2.94	$\geq 2.95$
Government Military	$\leq 0.83$	0.84-1.02	$\geq 1.03$

\*TCIR = Total Case Incident Rates which includes all OSHA recordables. New for FY12



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# Energy Initiatives

## AFCEE ENERGY STUDY FOR FACILITIES IN COOLING DOMINATED CLIMATE ZONES

**Study Relevant Criteria to Show Areas of Conflicts and Indicate Significant Cost Impacts.**

**Provide Recommendations for Standard Building/Systems Design Based on Facility Type and Usage**

- Make recommendations on standard wall and roof type based on Base Architectural Compatibility and LCC Analysis.
- Study packaged systems vs built-up/VAV with dedicated outside air systems with energy recovery, and make recommendations based on system effectiveness, LCCA, and maintenance costs.

**Develop Guidance for Programming Charrettes and DD Form 1391**

**Development:**

- Develop formula for estimating Photovoltaic costs to meet EISA fossil-generated energy reduction requirements

**Provide Recommendations on LEED points that offer actual return on investment and provide the least cost impact to implement.**



# Energy Initiatives

## EEAP/ECIP BUILDING MODIFICATIONS AT FT. RUCKER, AL

### **Life Cycle Cost Analysis of Existing Buildings to Provide Recommendations for Energy Reduction.**

- Study wall and roof systems, lighting, and HVAC systems to provide recommendations on those alternatives that offer significant return on investment.

## ESTABLISHMENT SAM/SAS AS JOINT REGIONAL ENERGY CENTER OF EXPERTISE

**Support DoD Strategic Sustainability Performance Plan and Army Energy Security Implementation Strategy to address energy security goals, reduce energy consumption, increase efficiency, and increase the use of renewable and alternative energy sources.**

**Promote consistency in interpretation and implementation of energy goals/policy across the region.**



# Opportunities

- MATOC/SATOC Construction Contracts
- NEPA and Environmental Planning Services
- LIDAR/Spatial Data
- AFCEE Performance Based Contracts



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