# USACE, Baltimore District Program Insights Presentation Washington Building Congress 27 April 2016

Presented by:

Alan R. Andrysiak, P.E.; PMP; DBIA HQ USACE Engineering & Construction



US Army Corps of Engineers

BUILDING STRONG



# We are the U.S. Army



"The Corps' military missions support the Army as a central component to our nation's defense – prevent, shape, and win."

LTG Thomas P. Bostick Commander & Chief of Engineers

### Support National Security

...with cutting-edge technology, research and development.

### Prepare for Tomorrow

...supporting the Army and the Nation in achieving our energy security and sustainability goals – reducing energy dependence, increasing energy efficiency, and adopting renewable and alternative energy sources.

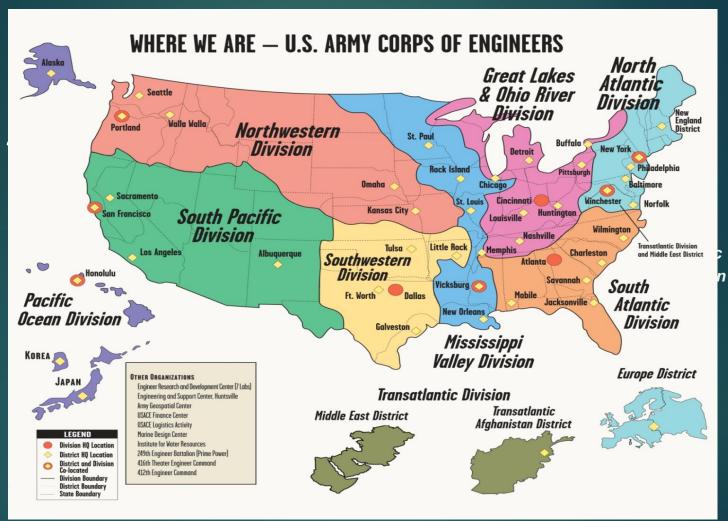
#### Transform Civil Works

...as good stewards of our resources, we're providing the Nation's water resources needs through prudent investment, modernization and transformation.

#### Manage Disaster Risks

...enhancing interagency disaster response and recovery capability.









### **AN OVERVIEW: Baltimore District**

#### Overview

- A full service district serving 6 states in the mid-Atlantic and National Capital regions
- Provides primary support to 14 military installations
- Manages water resources in the Susquehanna and Potomac watersheds and upper Chesapeake Bay
- Provides all drinking water to our Nation's capital
- Executes regional and national programs for USACE

### **District Capabilities**

- Engineering, Design, and Construction
- Environmental Services
- Dredging Federal Channels
- Dam/Levee Operations & Maintenance
- Disaster Response & Recovery
- Real Estate Services
- Value Engineering
- Hurricane Modeling
- Military Munitions Response
- Radiological Center of Expertise

#### The Numbers

- 1,100 civilian employees
- \$1.7B expenditures per year
- 290 miles of federal channels
- 15 reservoir projects
- 11 recreational projects
- 15 million+ visitor hours per year
- 600 acres of oyster habitat created
- \$16B in flood damages prevented



### **Support to our Military**



### **Support to the Public**





## **Major Mission Areas**



Civil Works





Military Support





Interagency and International Services (IIS)/RSFO





Environmental





Emergency Management





Washington Aqueduct





# **FY16 Small Business Goals/Targets**



Prime Contract Awards:	SB Goals Proposed by NAB	SB Goals Assigned by USACE HQ
Small Business	23%	24.08%
Small Disadvantaged Business	10%	15.57%
Women-Owned Small Business	6%	8.02%
Historically Underutilized Business Zone Small Business	3%	1.20%
Service-Disabled Veteran-Owned Small Business	3%	2.18%
* Historically Black Colleges & Universities/Minority Institutions  * Aspirational goal		5%

Subcontract Awards:	(% of Dollars Subcontracted by Large Prime Businesses)
Small Business	40%
Small Disadvantaged Business	3%
Women-Owned Small Business	7%
Historically Underutilized Business Zone Small Business	1%
Service-Disabled Veteran-Owned Small Business	3%
Veteran-Owned Small Business	2%

4/25/16 @ 0630hrs 6

# **FY 16 Small Business Accomplishments**



Data Date: 15 March 2016

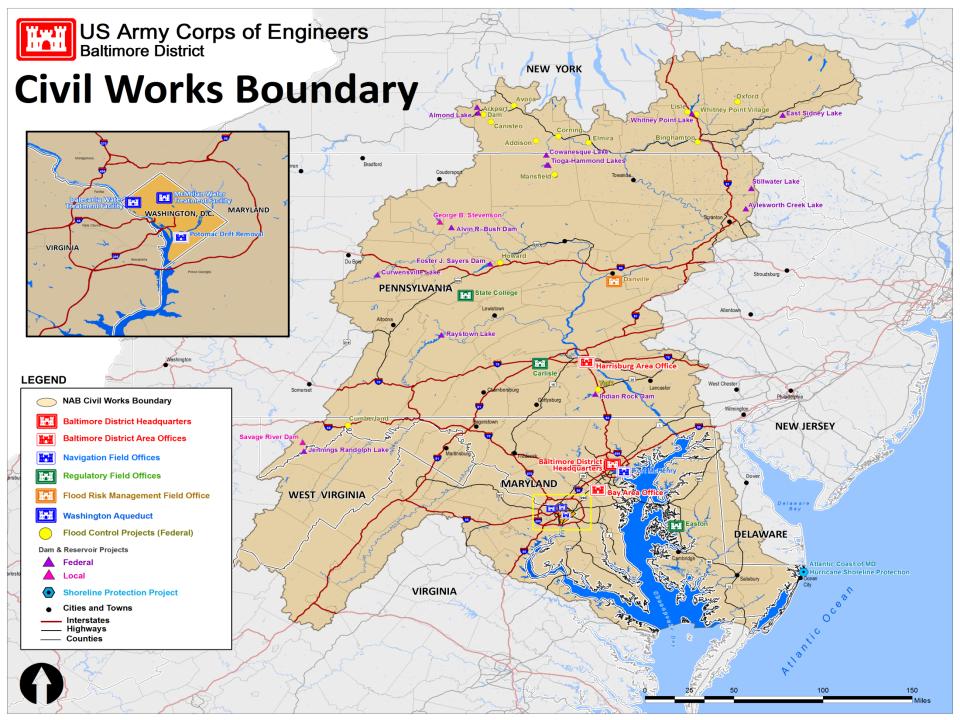
Category	Dollars	Actual % / Statutory Goal / NAB Goal	USACE NAD Goal	
Small Business	\$29,603,360	16.31% / 23% / 24.08%	32.50%	
Small Disadvantaged	\$18,481,282	10.18% / 5% /15.57%	18.74%	
8(a)	\$2,329,962	No specific goal for 8(a) - 8(a) included in SDB accomplishments		
Women-Owned	\$17,890,222	9.86% / 5% / 8.02%	6.23%	
Service-Disabled Veteran-Owned	\$4,536,942	2.50% / 3% / 2.18%	3.81%	
HUBZone	\$95,222	.5% / 3% / 1.20%	4.05%	

Total Dollars Obligated (to include SB awards): \$181,490,584

Green - Met both the statutory and USACE NAB SB goal

Amber - Met the statutory goal, but didn't meet the USACE NAB SB goal

Red - Didn't meet the statutory or USACE NAB SB goal



### **Civil Works Mission**



We provide water resource planning, engineering design, and construction support...focused on navigation, flood control and environmental restoration.

Susquehanna and Potomac River Basins 64,000 mi<sup>2</sup> area with 7,000 miles of coastline



- We Operate and Maintain:
  - 290 miles of federal navigation channels
  - 148 miles of federal flood protection levees
  - 15 federal flood risk management dams and reservoirs
  - Over 15 million visitor hours to our recreation areas



Flood Risk Management

### Key Contributions:

- Over \$16B in Flood Damage Prevented
- Constructed ~600 acres of new Maryland oyster bars through 2015
- 1,140 acres of remote islands being restored



**Navigation** 



Chesapeake Bay



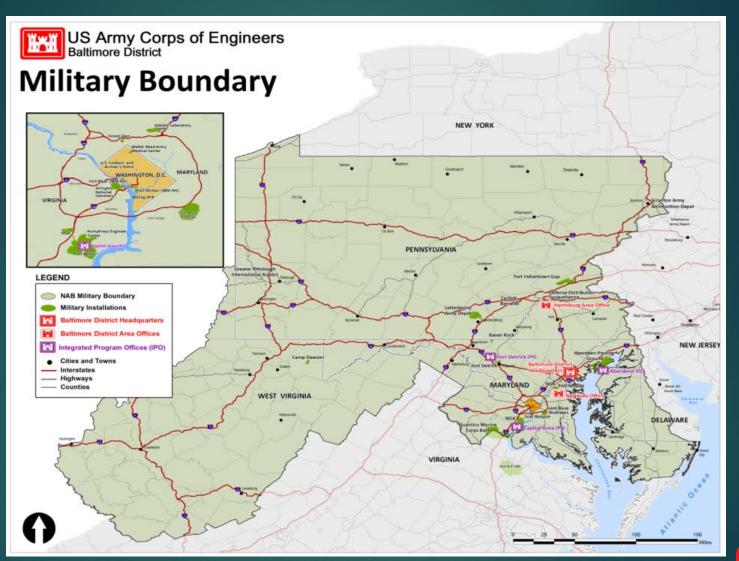
**Baltimore Harbor** 



# **Civil Works Contract Opportunities**

Contract Description	Location	Scheduled Award	Small Business Determination
Poplar Island Sand Stockpiling for Dike Raisings	Talbot County, MD	5/18/2016	Unrestricted
Poplar Island - Spillway #1 Modification	Talbot County, MD	5/18/2016	SB
Clearwell & Reservoir Cleaning Contract	WA	6/30/2016	SB
WA Task Order Construction Contracts	Washington Aqueduct	6/1/2016	SB-8(A)
Twitch Cove /Big Thorofare Maintenance Dredging	NAB - Wide	7/30/2016	SB
FY16 Oyster Substrate Contract, Tributary to be Determined	Middle Eastern Shore, MD	7/31/2016	SB
Poplar Expansion - Phase 1A	Talbot County, MD	8/31/2016	Unrestricted
Baltimore Harbor & Channels	NAB - Wide	8/30/2016	Unrestricted
DBB Paving Repairs	Laurel, MD	9/2/2016	SB
FY16 Oysters Substrate Contract, 8-30 acres Tred Avon	Middle Eastern Shore	9/16/2016	SB
Dalecarlia Chemical Building Electrical Upgrades	Washington Aqueduct	9/17/2016	Unrestricted







# Military Construction



Replace Defense Distribution Center Headquarters



Ft. Belvoir Sensitive Compartmented Information Facility



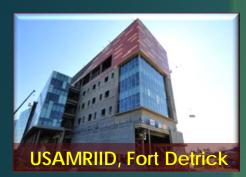
Ft. Detrick Hazardous Material Storage Building



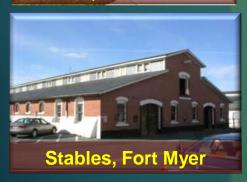
Replace U.S. Army Public Health Command Laboratory at Aberdeen Proving Ground



# Military Engineering & Construction Missions







We support the warfighter...through a very large military program in support of 12 military installations in the states of:

- Maryland
- Pennsylvania
- West Virginia
- District of Columbia
- Northern Virginia
- Projects include design and construction of:
  - Administrative spaces
  - · Medical and laboratory facilities
  - Training facilities
  - Childcare centers
  - Barracks
- \$1.9 billion program in the next 5 FYs

Major contributions to the success of BRAC '05 (\$4.2B)







# Military Programs Contract Opportunities (1)

Contract Description	Location	Scheduled Award	Small Business Determination
Belvoir HECSA Server Room Renovation .	HECSA, Alexandria, VA	5/23/2016	SB-8(A)
Carlisle Small project #1 of 4 potential	NAB - Wide	7/21/2016	Unrestricted
A&E Design to renovate 459 AW HQ, Bldg 3755, JBA	Andrews JB	7/29/2016	Unrestricted
DB to renovate 2nd Floor Bldg 3613	Andrews JB	7/29/2016	SB-8(A)
DB contract to replace Hangar Doors, Hangar 11, B3635	Andrews JB	7/29/2016	Unrestricted
DLA Ground Fuel Facility (GFF) Fort Belvoir, VA	Fort Belvoir	8/15/2016	SB
Repair or replacement a single source, stand alone, pre-engineered chilled water plant	Fort Belvoir	8/19/2016	SB-8(A)
Design Bid Build Phased Building 35 HVAC Upgrades	Fort McNair	8/25/2016	SB-8(A)



# Military Programs Contract Opportunities (2)

Contract Description	Location	Scheduled Award	Small Business Determination
APG, Bldg 4220 Repairs & Maintenance	APG	8/30/2016	SB
Commanders Quarters, Historic Housing Project	Letterkenny, PA	8/31/2016	Unr
DBB Classroom and Entry Veetibule Ungrade	JB Myer-Henderson Hall	0/24/2046	CD O(A)

Fire alarm design variou

JBM-HH IMCOM Funded Improvements

Carlisle Barracks Fire Al

DLA HQ's Bldg 2462 Ov Repair

Fort Myer Bldg 216 Desi

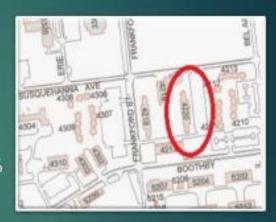
Upgrade Public Safety F

APG Master Planning F' UFRs; OMA Funding

### Aberdeen Proving Ground, MD

### **Building 4220**

- Estimated Award Amount: \$7M-15M
- Mechanism: Design-Build
- Small Business Set Aside
- Forecast Award: AUG 2016





# Secure Environment Programs



**Joint Operations Center** 



**East Campus Building Marine Corps** 



East Campus South Parking Structure



East Campus Vehicle Control Point 'M'



# Realty Services Field Office

- National Program for Secure Environment
- Design and Construction
- Leasing and Property Management
- Key players in emerging priorities, such as cyber-security

### **Key Ongoing Projects:**

- High Performing Computer Center (Fort Meade) \$800M
- Intelligence Community Center Bethesda, \$500M
- Utah Data Center (\$1.47 Billion) placing \$2M/day

TOTAL PROGRAM (THOUGH FY 17): \$3.87 Billion







# **Secure Environment Contracts**

Contract Description	Location	Scheduled Award	Small Business Determination
VCP-1 D/B Construction Award	Fort Meade	4/30/2016	Unrestricted
East Campus ECB2	Fort Meade	6/27/2016	Unrestricted
Campus Feeders Central Task Order	Fort Meade	6/30/2016	Unrestricted
INSCOM Bldg 4553 Construction Repair/Renovation	Fort Meade	8/31/2016	TBD

# Ft Meade, MD. (Secured Environment)

U.S. Army Intelligence and Security Command (INSCOM)

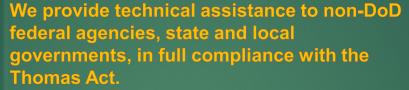
- Project Magnitude: \$25M-\$100M
- Procurement: Design-Bid-Build
- Advertisement: 3<sup>rd</sup> Quarter
- Proposed Acquisition
   Strategy: To be determined





# Interagency and International Support





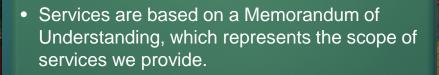




• Customers include:



- Library of Congress
- Homeland Security
- Department of the Interior
- U.S. Fish and Wildlife Service
- Kennedy Center for the Performing Arts













# **Environmental Services**



**Former Frankford Arsenal Remediation** 



**Spring Valley Formerly Used Defense Site** 



W.R. Grace Building 23 Remediation



**USS Sturgis Decommissioning** 



# Regional Environmental Support

# ENVIRONMENTAL MANAGEMENT DESIGN CENTER

### **Organizational Roles**

- Baltimore District Environmental Program Management
  - Program and Project Managers
  - Full Spectrum Service: Planning, Design, Construction
- Regional HTRW Design Center
  - One of two in North Atlantic Division (NAE/NAB)
- National Military Munitions Design Center
  - One of four conventional MM DC's (HNC,NWO,SPD,NAB)
- Regional Health Physics Center of Expertise
  - Only one in USACE, National Focus

Baltimore District is one of two HTRW Design Centers in NAD





# FY16 Drivers Environmental >\$500K

Contract Description	Location	Scheduled Award	Small Business Determination
Environmental Program Support	JB MDL	5/15/2016	SB-8(A)
Fort Hamilton, NY UST Removal and Replacement at Bldg 200	Fort Hamilton, NY	6/29/2016	SB
Fort Belvoir, VA PBA 16 IRP	NAB - Wide	6/30/2016	Unrestricted
DSC Richmond Restoration Program - FY16	Richmond, VA	7/17/2016	Unrestricted
Removal of USTs.	Walter Reed Army Medical Center	7/28/2016	Unrestricted
Chopawamsic Remedial Investigation (RI)	NAB - Wide	7/29/2016	Unrestricted
Remedial Investigation (RI) Assateague Island FUDS	VA	7/30/2016	Unrestricted
Underwater Munitions Render-Safe Demo	Multiple	8/30/2016	Unrestricted
WR Grace - Exercise Contract Options	Baltimore	9/1/2016	Unrestricted
Water Ranges Remedial Investigation/Feasibility Study West Point, NY	West Point, NY	9/26/2016	Unrestricted
NGB Environmental Technical Support	NAB - Wide	9/28/2016	Unrestricted



### **Baltimore District Business with Us**



http://www.nab.usace.army.mil/BusinessWithUs.aspx

