

U.S. Army Engineering and Support Center, Huntsville

COL Bob Ruch

Commander

U.S. Army Engineering and Support Center, Huntsville

U.S. Army Corps of Engineers

15 OCT 2014



Overall USACE Small Business Success

Business Type	FY14 Goal	# of SB Contract Awards	SB Dollars	FY14 USACE Achievements	FY14 USACE Goal Vs. Achievements
Small Business	41.50%	35,544	\$6.97B	46.04%	110.94%
SDB	19.00%	14,406	\$3.83B	25.27%	133%
SDVOSB	4.50%	3,708	\$805.77M	5.32%	118.22%
WOSB	7.00%	8,406	\$1.09B	7.23%	103.29%
HUBZone	11.00%	4,946	\$1.28B	8.51%	77.36%



Huntsville Center's Small Business Programs FY 14 Achievements

CATAGORIES	\$ OBLIGATIONS	% OBLIGATIONS		# ACTIONS	% ACTIONS
	\$1,812,435,891	GOALS	100%	4,909	
SB	\$782,042,066	36%	43.15%	2,519	51.31%
SDB	\$388,056,362	13%	21.41%	855	17.47%
WOSB	\$67,005,959	5%	3.70%	388	7.93%
HUBZone	\$48,229,128	4%	2.66%	175	3.58%
SDVOSB	\$54,890,851	2.5%	3.03%	229	4.68%
VOSB	\$99,788,369		5.51%	506	10.34%
LG BUSINESS	\$1,024,542,015		56.85%	2,390	48.72%
HBCU/MI	\$112,000	*2.5%	85%		
EDUCATIONAL (NON-HBCU/MI)	\$20,190	*Aspirational Goal			

USACE Goals

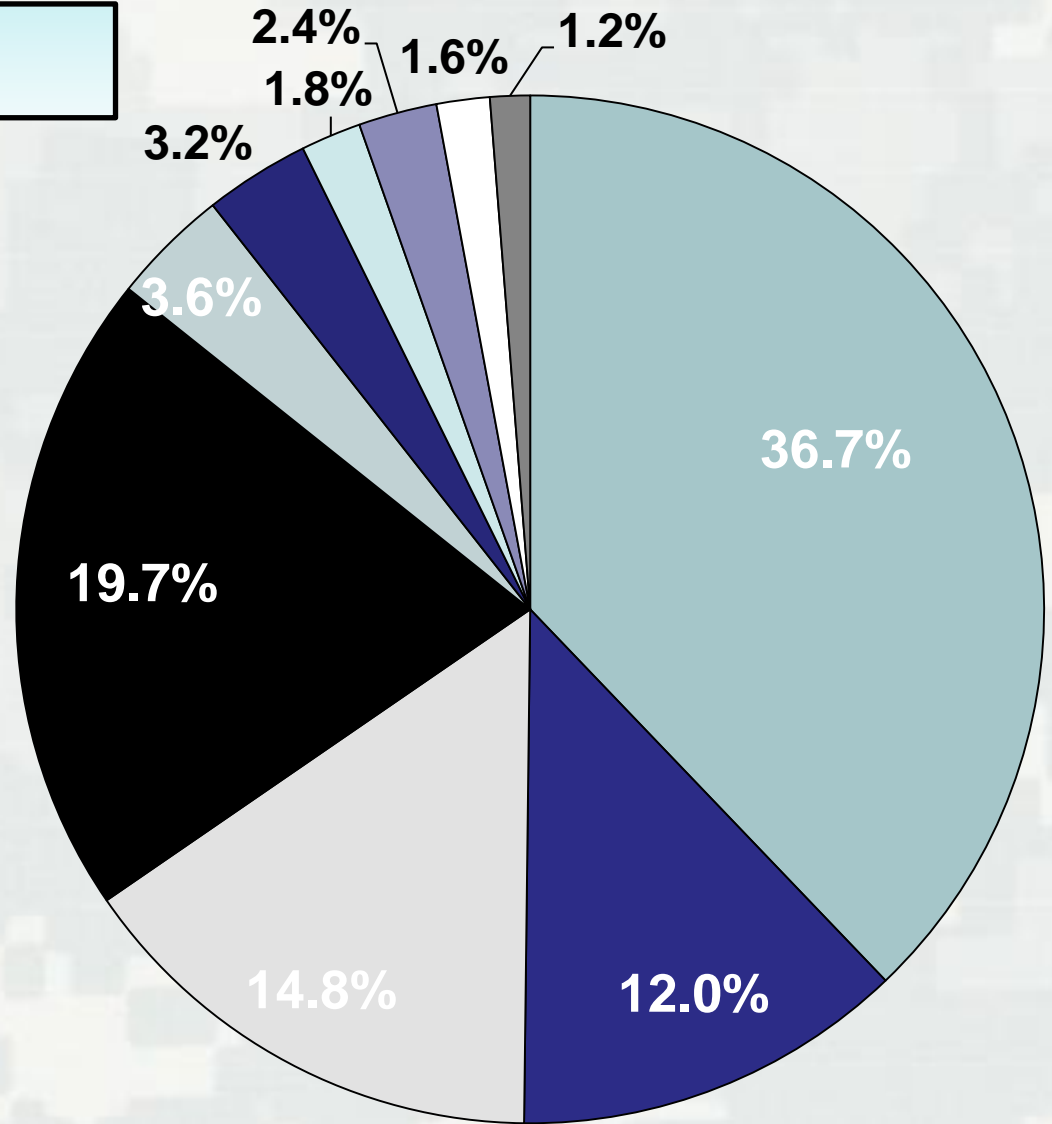
- SB – 41.5%
- SDB – 19%
- WOSB - 7%
- HZ – 11%
- SDVOSB – 4.5%
- HBCU/MI – 5%

As of: 30 Sep 14
Source: FPDS



PERCENTAGE OF AWARDS BY

- 54 PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES
- 23 CONSTRUCTION
- 56 ADMIN SUPT WASTE MGMT REMEDIATION SVCS
- 33 MANUFACTURING COMPUTERS, ELECTRONICS, FURNITURE
- 51 INFORMATION
- 81 OTHER SERVICES
- NO NAICS CATEGORY SPECIFIED
- 42 WHOLESALE
- 22 UTILITIES
- 31 MANUFACTURING



USACE Office of Small Business Programs

SERVICE DISABLED VETERAN OWNED SMALL BUSINESS PROGRAM

Contracted SDVOSB Dollars		
Rank	\$M	District
1	\$ 89.31	LOS ANGELES
2	\$ 87.48	MOBILE
3	\$ 54.89	HUNTSVILLE ENG SPT CTR
4	\$ 51.50	FT WORTH
5	\$ 51.03	SAVANNAH
6	\$ 48.96	NEW ORLEANS
7	\$ 41.31	OMAHA
8	\$ 39.67	SACRAMENTO
9	\$ 38.84	LOUISVILLE
10	\$ 35.34	SEATTLE

Number of SDVOSB Contract Actions		
Rank	#	District
1	285	LOUISVILLE
2	262	MOBILE
3	230	HUNTSVILLE ENG SPT CTR
4	223	KANSAS CITY
5	192	SEATTLE
6	165	LOS ANGELES
7	162	OMAHA
8	142	SAVANNAH
9	139	VICKSBURG
10	138	FT WORTH

% of Contracted Dollars		
Rank	%	District
1	37.2%	ENGR R&D CTR
2	19.9%	LOS ANGELES
3	13.9%	NORFOLK
4	10.4%	MOBILE
5	10.2%	ALBUQUERQUE
6	9.7%	SEATTLE
7	9.3%	ROCK ISLAND
8	8.9%	SAVANNAH
9	7.2%	FT WORTH
10	7.1%	SACRAMENTO

% of Contract Actions		
Rank	%	District
1	17.3%	VICKSBURG
2	16.1%	NORFOLK
3	13.7%	LOS ANGELES
4	13.7%	KANSAS CITY
5	12.8%	PITTSBURGH
6	12.7%	NASHVILLE
7	12.6%	COLD REG ENG LAB
8	11.7%	SEATTLE
9	11.2%	ROCK ISLAND
10	10.7%	CHARLESTON



Huntsville Center Mission

The U.S. Army Engineering and Support Center serves the U.S. Forces, their Families and the nation by providing specialized technical expertise, global engineering solutions, and cutting edge innovations through centrally managed programs in support of national interests.

Huntsville Center Vision

A world class workforce with an expeditionary mindset providing effective, innovative, global engineering solutions to unique, complex, and high-risk missions in strengthened partnership with our strategic allies, in support of the Warfighter, their Families, and the nation.



Our Charter

ER 10-1-22

Huntsville Center has programmatic and functional boundaries in lieu of geographical boundaries. We execute programs and projects that:

Are national or broad in scope

Require integrated facilities or systems that cross geographical division boundaries

Require commonality, standardization, multiple site adaption, or technology transfer

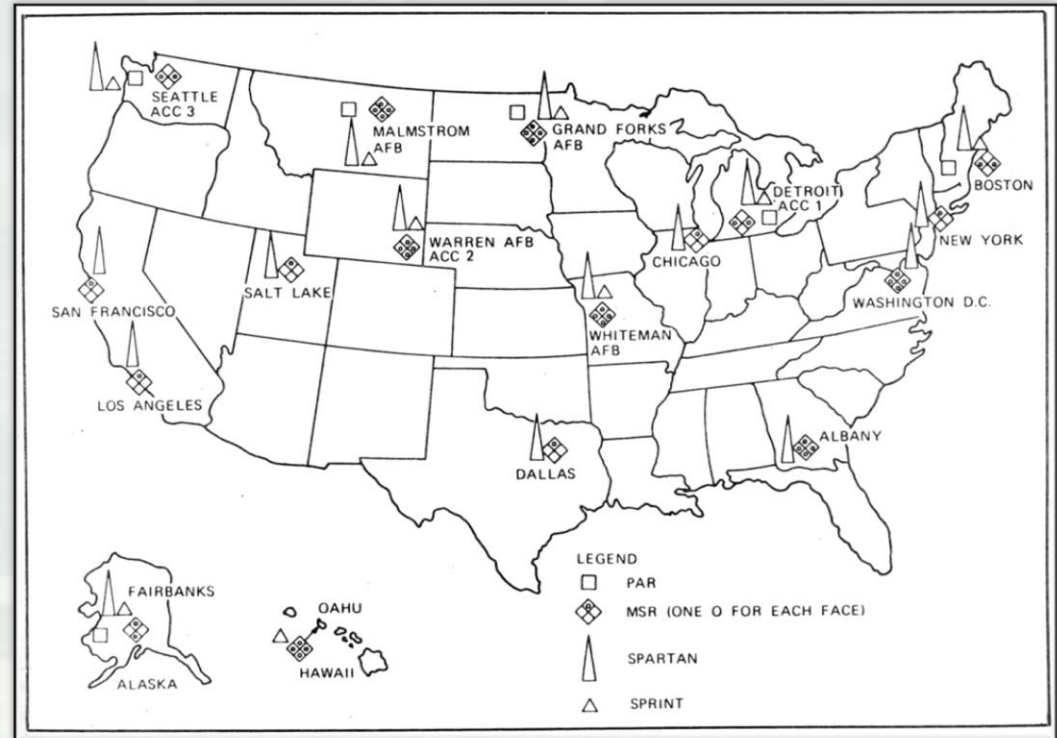
Require a centralized management structure for effective control of program development, coordination and execution

Require functions to be performed that are not normally accomplished by a HQUSACE organizational element



Historical Overview

- Huntsville Division was founded in 1967 to manage the design and construction of facilities needed for the nation's Sentinel/Safeguard Ballistic Missile Defense System.



Historical Overview



- 1970s: Huntsville Division transitioned to a diverse set of programs characterized by a need for centralized management, large scale procurement, and the development and application of sophisticated engineering criteria.
- 1980s: Huntsville Division changed from a design and construction organization to a diversified center of expertise for engineering, design and procurement with 20 new programs assigned.
- 1990s: Huntsville Division became the U.S. Army Engineering and Support Center and now has 40 programs and 10 centers of expertise assigned to support the Army and the nation.



Huntsville Center Footprint

Annual Obligations ~ \$2.8 B

- Installation Support \$2,050M
- Engineering \$50M
(includes Medical CX of \$15M)
- Chemical Demil \$166M
- Ordnance Explosives \$390M
- Environmental and Munitions
CX \$109M
- Miscellaneous \$29

Personnel: 885

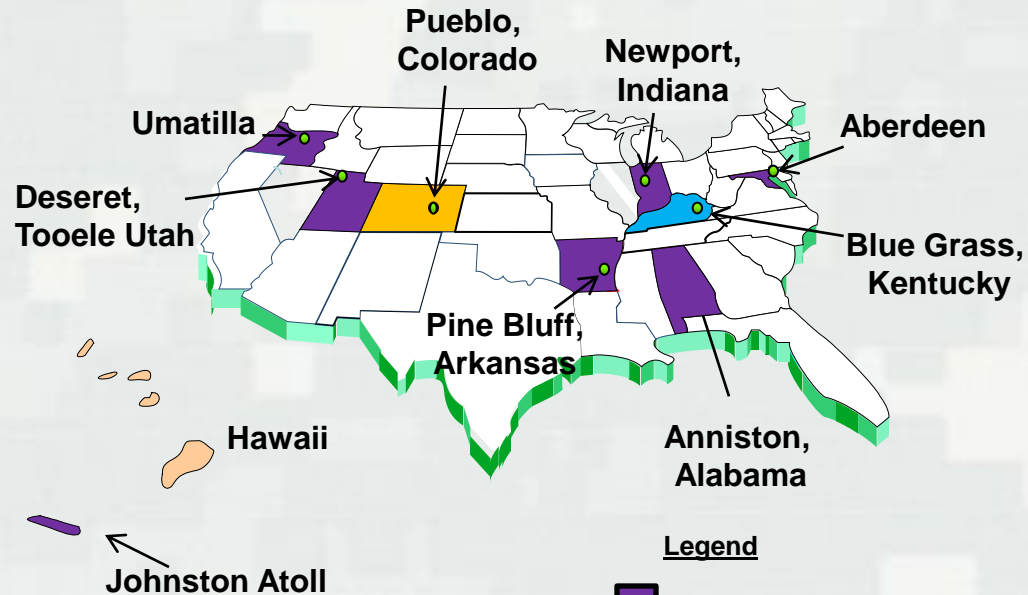
- 775 – Huntsville, AL
- 23 – Alexandria, VA
- 50 – Omaha, NE
- 10 – Richmond, KY
- 18 – Afghanistan
- 9 – Various PMs forward
and liaisons

Customers: Very diverse customer base which includes DOD and many Federal government agencies.



Chemical Demilitarization Program

- \$8.5 billion program assigned in 1981 to destroy chemical weapons stockpile.
- Design and construction of 9 sites using incineration and chemical neutralization technology.
- U.S. stockpile = 31,501 tons of chemical agent, 90 percent destroyed as of Jan 2012
- Oversaw construction of Russian chemical demilitarization site.



Blue Grass, Ky.



Ordnance and Explosives Programs

- Military Munitions Design Center and Remedial Action Team
 - ▶ Ordnance investigations, remedial designs, and clearances of FUDS, range support actions and construction sites.
- Chemical Warfare Design Center
 - ▶ Support to DA, DOD, State Department, and DTRA worldwide
 - ▶ Investigation and remediation of chemical munitions
- International Operations
 - ▶ Afghanistan - Landmine and range clearance, environmental support, Task Force Power
 - ▶ Poland – MDA support
 - ▶ Korea – Landmine clearance, Story Training Area



Spring Valley Formerly Used Defense Site (FUDS) near Washington D.C.



Mine clearance in Afghanistan



- \$2 billion Worldwide Remediation Services Contract



BUILDING STRONG®

Environmental and Munitions Programs

- Environmental and Munitions Center of Expertise (EM CX) provides:
 - ▶ Expert technical consultation for environmental, radioactive and military munitions cleanups nationwide
 - ▶ Independent technical review
 - ▶ Quality assurance reviews
 - ▶ Technology transfer/lessons learned
 - ▶ Guidance document development
 - ▶ Participation on panels and advisory committees
 - ▶ Training development
 - ▶ Environmental compliance support
 - ▶ Green sustainability remediation support
 - ▶ USACE Civil Works sustainability reporting



A specially equipped helicopter searches for anomalies at Martha's Vineyard, Mass.



Workers preparing railcar for offsite shipments of radium contaminated soils and debris for the Shattuck Superfund Site, Denver, CO



USACE Centers of Expertise

Mandatory Centers of Expertise

- Medical Facilities
- Army Ranges and Training Lands
- Electronic Security Systems
- Environmental and Munitions
- Utility Monitoring and Control Systems



Fort Belvoir Community Hospital, VA

Technical Centers of Expertise

- Energy Savings and Performance Contracting
- Heating, Ventilation and Air Conditioning
- DD Forms 1391/3086 Preparation/Validation
- Installation Support
 - ▶ Facilities Reduction
 - ▶ Facilities Repair and Renewal
 - ▶ Centralized Furnishings



Engineering Programs: Centers of Standardization

- Child and Family Services

- ▶ Child Development Centers (Infants- 5 years)
- ▶ Child Development Centers (School Age 6-10)
- ▶ Youth Activity Centers
- ▶ Army Community Service Centers
- ▶ Soldier Family Support Centers



Fort Benning, Ga.
Fitness Center

- Sports and Fitness Facilities

- ▶ Physical Fitness Facilities
- ▶ Outdoor Sports Facilities



- Medical Facilities

- Emergency Facilities

- ▶ Fire Stations
- ▶ Consolidated Fire, Safety and Security Facilities

- Training Ranges

- ▶ Automated Record Fire Ranges
- ▶ Combat Pistol/MP Qualification Courses
- ▶ Modified Record Fire Ranges
- ▶ Urban Assault Courses
- ▶ Live Fire Shoothouses
- ▶ Battle Command Training Centers
- ▶ Training Support Centers



Medical Programs

- **Medical Facilities CX** is responsible for design acquisition strategy, design development and technical oversight during design and construction medical aspects projects.



Design concept of Weed ACH, Fort Irwin, Calif.

- **Medical Support Team** provides Army MEDCOM support
 - ▶ **Medical Repair and Renewal (MRR) Program:** Design, repair, replacement, renovation, sustainment, restoration and modernization
 - ▶ **Integrated Medical Furniture (IMF):** Provides systems furniture worldwide for Army MEDCOM
 - ▶ **Operations and Maintenance Engineering Enhancement (OMEE):** Contract services to operate facility infrastructure and maintain building systems
 - ▶ **Initial Outfitting and Transition (IO&T):** Takes facility from construction complete to functional Soldier ready



Installation Support Programs – Facilities Division

USACE Installation Support CX: Huntsville Center executes assigned ACSIM and IMCOM programs in partnership with Districts, DPWs and IMCOM.

- **Facilities Reduction Program:** Eliminates excess facilities.
- **Facilities Repair and Renewal:** Fast track, efficient method for design/build renovations for all federal agencies.



An excavator demolishes the former U.S. Army Reserve Center in Tuscaloosa, Ala. The center and surrounding buildings were hit by a tornado.



Installation Support Programs – Facilities Division

- **Access Control Points:** Upgrade installation gates security equipment and facilities to meet new standards and assure consistency Army-wide.
- **Information Technology Services:** Provides project management and acquisition support to the Army and other federal agencies in the procurement of Information Technology Technical Services, hardware and software commodities.



IB barrier being tested at Aberdeen Proving Ground, Md.



Installation Support Programs – Electronic Technology Division

- **Electronic Security Systems (ESS)**

CX: Responsible for reviewing all design and test submittals for Army ESS. Also provides technical, engineering, acquisition, and fielding support to all federal agencies.



Security upgrades at the Kennedy Center

- **Utility Monitoring and Control Systems (UMCS) CX:** Reviews all design and procurement packages; provides technical assistance, criteria, guidance and training; and executes projects for DOD and other federal agencies.
- **Army Metering:** Installing 13,000 meters and global meter data management system to track, record and report energy consumption.



Installation Support Programs – Military Integration Division

- **Army Centralized Furnishings Program:**

Provides program management for ACSIM/IMCOM MILCON, and SRM administrative and barracks furniture.



- **Range and Training Land Programs (RTLTP)**

CX: Responsible for reviewing designs, conducting construction inspections and ensuring Army standards are met. Provides planning, MILCON programming and development of standard designs for Army automated ranges, and DD1391 preparation and validation.



Fort Bliss Digital
Multi-purpose
Range Complex



Installation Support Programs – Energy Division

- **Energy Engineering Analysis Program (EEAP):** Analyzes energy use at installations and provides options for savings.
- **Resource Efficiency Manager (REM):** Increases assigned installation's energy programs by identifying cost-effective programs and practices to reduce energy and water costs.
- **Energy Conservation Investment Program (ECIP):** designed to complete a thorough project DD Form 1391 review and verification process



The Brigade Combat Team Dining Facility at Fort Bliss, Texas, is powered by solar panels.



Installation Support Programs – Energy Division

- **Energy Savings Performance Contracting (ESPC):** Contractor provides capital and expertise to make infrastructure energy improvements to significantly reduce energy utilization and cost.
- **Commercial Utility Program (CUP):** CUP helps the Army purchase reliable utility services at the best rates and helps garrisons resell their utilities to tenant activities.
- **Power Procurement Agreements (PPA):** Supports EITF tools to execute third party financing investment in renewable energy source power generation.
- **Utility Energy Services Contracting (UESC):** Similar to ESPC, but works with the utility provider rather than the energy services company.



Questions?

www.hnc.usace.army.mil

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