

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE

Gulf Coast Industry Day 8 November 2017

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Chief, Planning and Programming Branch
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“The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



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HUNTSVILLE CENTER MISSION

The U.S. Army Engineering and Support Center, Huntsville provides specialized technical expertise, global engineering solutions, and cutting edge innovations through centrally managed programs in support of national interests.

HUNTSVILLE CENTER VISION

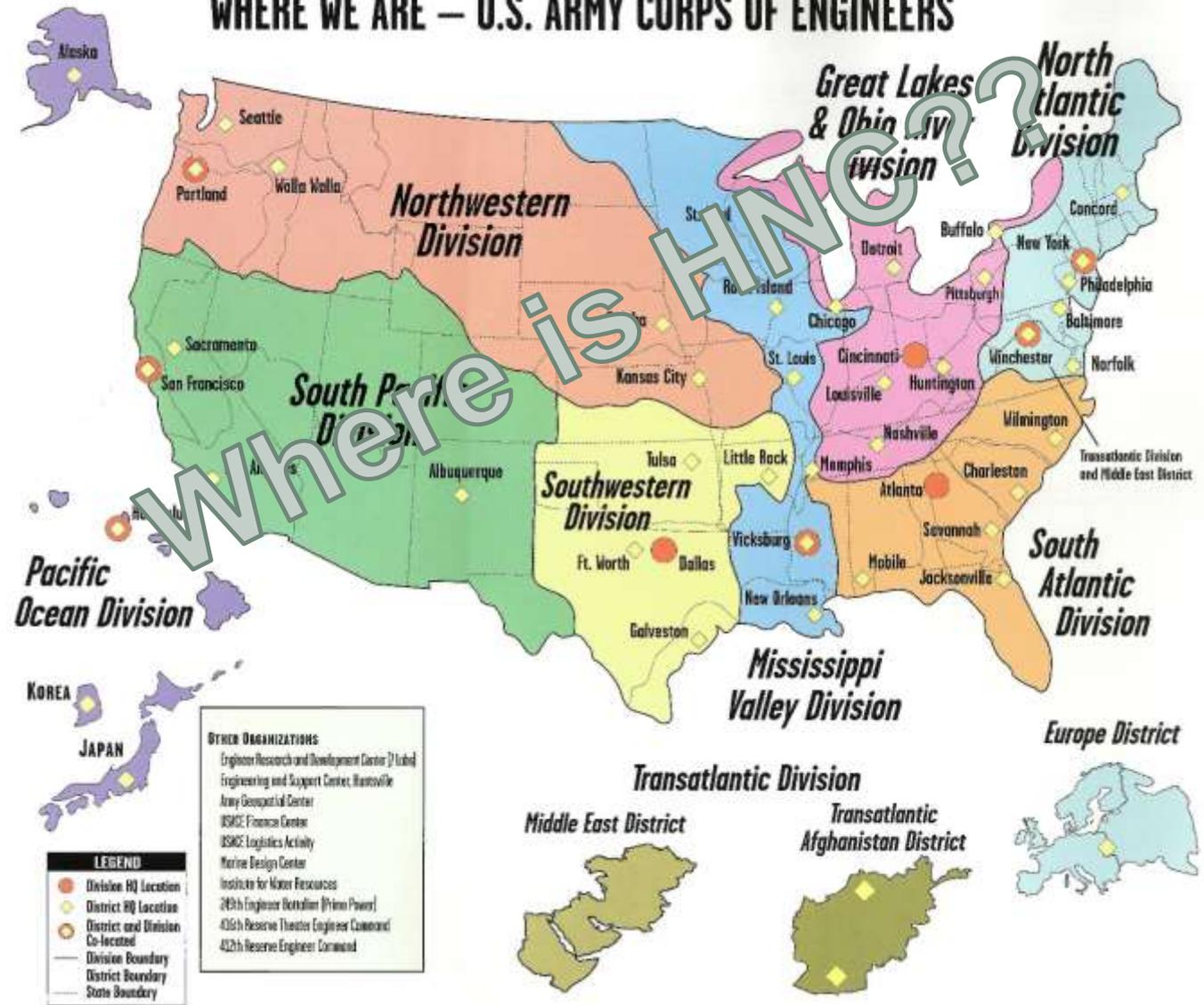
A certified, professional workforce with an expeditionary mindset capable of pioneering solutions to unique, complex, and high-risk missions in strengthened partnership with the USACE enterprise, key DOD stakeholders and our strategic allies.



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WHERE WE ARE — U.S. ARMY CORPS OF ENGINEERS



EXISTING MISSION ASSIGNMENTS, PROGRAMS, AUTHORITIES

ER 10-1-22, par 6:

Huntsville Center has programmatic and functional boundaries in lieu of geographical boundaries. The Huntsville Center charter and programmatic boundaries include those programs, projects and taskings which:

- a. Are **national or broad** in scope.
- b. Require **integrated facilities** or systems that **cross geographical division boundaries**.
- c. Require **commonality, standardization, multiple site adaption or technology transfer**.
- d. Require a **centralized management** structure for effective control of program development, coordination and execution.
- e. Require **functions to be performed that are not normally accomplished by a HQUSACE organizational element** or that require unique, specialized, **expert technical competencies**.
- f. Missions directed by HQUSACE in support of DA or DOD level activities.

DirtyJobs



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WHY COME TO HUNTSVILLE?

- Professional Engineers – 115
- Project Management Professionals – 51
- Contracting Officers holding warrants \$500 million or higher – 18
- PhD – 20
- Registered Architects – 17
- Registered Interior Designers – 24
- LEED Certified – 10
- Acquisition Workforce – 660
(Level 1: 60 Level 2: 385 Level 3: 215)
- Certified Energy Managers – 11
- CyberSecurity: 6

HNC ~1,037 employees

Three locations:

- Huntsville, Alabama
- Omaha, Nebraska
- Fort Belvoir, Virginia

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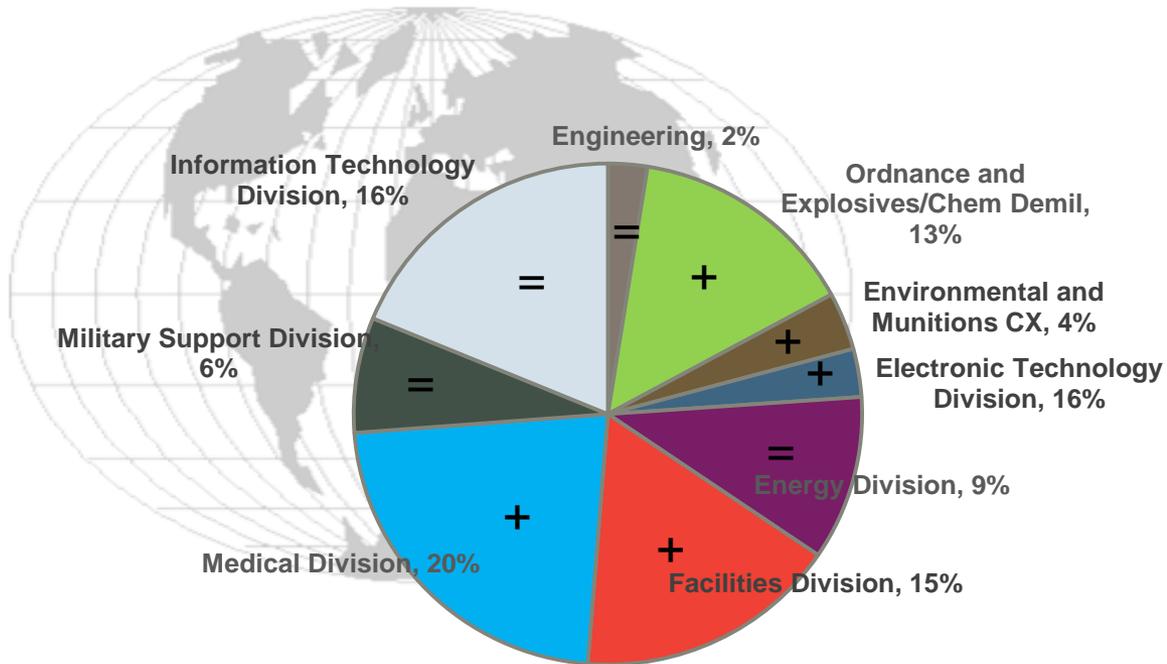


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HUNTSVILLE CENTER FY - TYPICAL

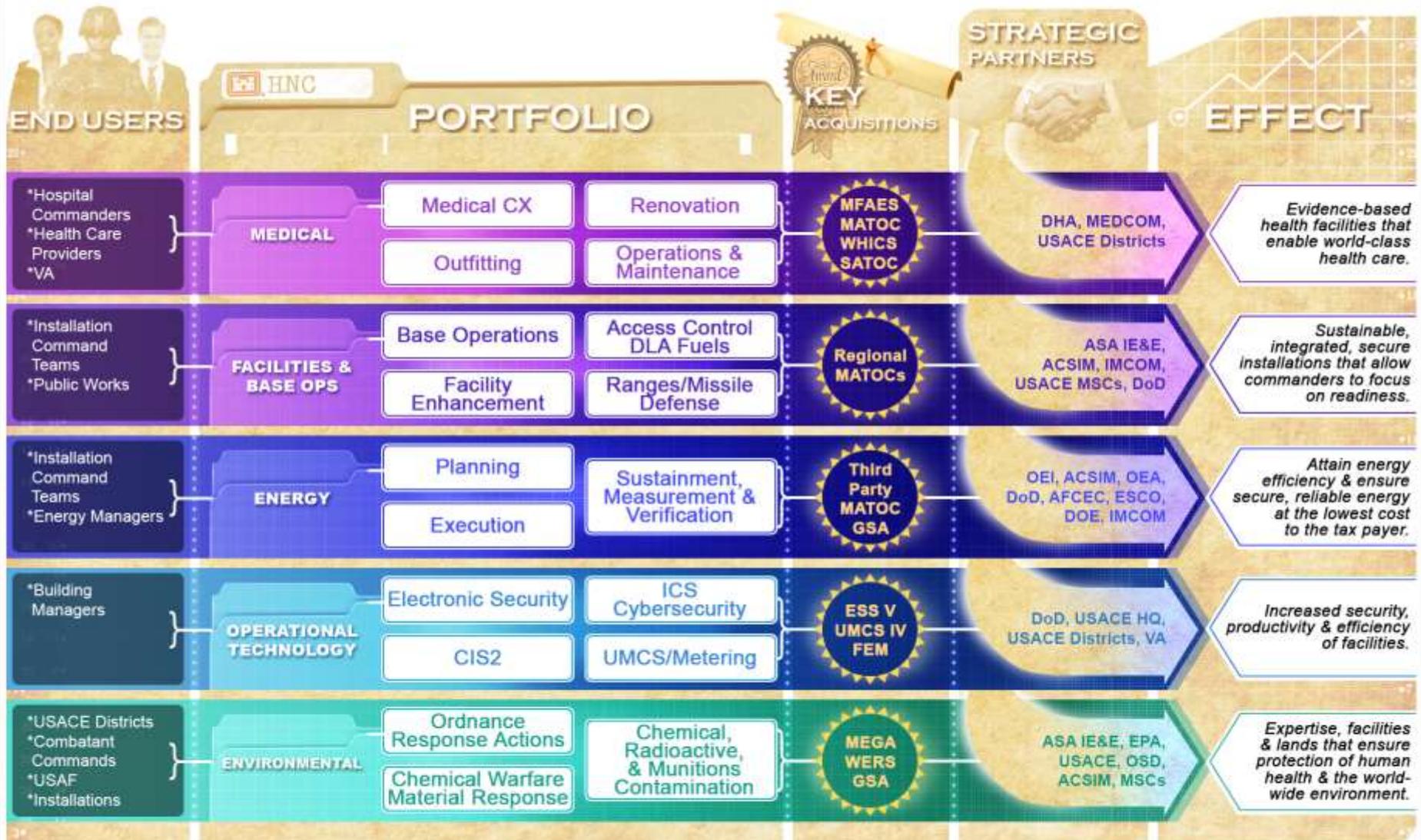
Annual Obligation - \$2.63B in FY-17



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



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MEDICAL PORTFOLIO

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

Operations and Maintenance Engineering Enhancement (OMEE) provides a simplified process to respond to the growing operation and maintenance (O&M) needs of DOD medical facilities, as well as other medical facility project support services.

Medical Repair and Renewal (MRR) designs, repairs, replaces, renovates, sustains, restores and modernizes medical facilities

Medical Outfitting and Transition (MO&T) provides Medical Support Services, and Initial and Sustainment Outfitting and Transition.

Good news stories!

- OMEE program used its existing O&M contract to provide immediate repairs to the clinic at 45th Medical Group, Patrick AFB, FL, following Hurricane Matthew.
- Recent reorganization consolidated three programs to provide better service



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FACILITIES SUPPORT AND BASE OPS PORTFOLIO

Facilities Reduction Program (FRP) eliminates excess facilities.

Facilities Repair and Renewal (FRR) provides a fast, efficient method for design/build renovations for all federal agencies.

Army Centralized Furnishings Program provides program management for ACSIM/IMCOM MILCON and SRM administrative and barracks furniture.

Good news stories!

- FRP received a Best-in-Class designation from Office of Management and Budget.
- FRR purchased 11,650 KVA generators to support ARCENT's Patriot mission in five different countries in Southwest Asia.
- Furnishings Program reduced the number of contracts to purchase furniture for OCONUS lodging from nine to two in Korea.



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FACILITIES SUPPORT AND BASE OPS PORTFOLIO

Access Control Points (ACP)

Upgrades security equipment and facilities at installation gates to meet new standards and assure consistency Army-wide.

DLA-Fuels Provides maintenance, inspections, repairs and emergency response actions for Defense Logistics Agency petroleum facilities on military installations worldwide.

Good news stories!

- ACP supported security upgrades at critical sites.
- DLA-Fuels cleaned 5.4 million gallons of off-spec fuel in time for Pacific Rim exercise.



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FACILITIES SUPPORT AND BASE OPS PORTFOLIO

Base Operations (BASEOPS) provides a full spectrum of installation operations support to all facilities utilizing contracted manpower.

Range and Training Land Programs (RTLTP) CX Reviews designs, conducts construction inspections and ensures Army standards are met. Provides planning, MILCON programming and development of standard designs for Army automated ranges, and DD1391 preparation and validation.



Good news story!

BASEOPS conducted its first ever virtual industry day enabling maximum participation while saving Government and businesses money.



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ENERGY PORTFOLIO

Energy Savings Performance

Contracting (ESPC) The contractor provides capital and expertise to make infrastructure energy improvements to significantly reduce energy utilization and cost.

Power Purchase Agreements (PPA)

supports Office of Energy Initiatives (OEI) tools to execute third-party financing investment in renewable energy source power generation.

Utility Energy Services Contracting

(UESC) is similar to ESPC, but works with the utility provider rather than the energy services company.

Good news stories!

- ESPC issued its first two contracts at Air Force installations, as well as its first contract to install a government-owned/contractor operated facility.
- PPA is working with Air Force and the AF Office of Energy Assurance to provide multiple solar PV arrays to service locations off-site.
- UESC partnered with Chem Demil to install a power substation to augment the existing power station at the Pueblo Chemical Agent-Destruction Pilot Plant.



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INTEGRATED TECHNOLOGY (ABS) PORTFOLIO

- **Electronic Security Systems (ESS) CX** reviews all design and test submittals for Army ESS. Also provides technical, engineering, acquisition and fielding support to all federal agencies.
- **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** is installing 13,000 meters and a global meter data management system to track, record and report energy consumption.
- **ICS CyberSecurity Execution Program (ICE Program)** provides engineering design and execution of compliant solutions to reduce and/or eliminate ICS CyberSecurity vulnerabilities.

Good news stories!

- ESS is helping Army National Guard with security requirements.
- MCIS2 awarded a \$14 million time sensitive, critical contract to install Windows 10 for the Defense Health Agency.
- ACE-IT awarded a radio surge bridge three-month extension to ensure all USACE microwave and satellite needs are met until ARSS protests Conclude.



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INTEGRATED TECHNOLOGY PORTFOLIO

- **ACE-IT** delivers value through Information Technology acquisition and project management for the USACE IT network and all peripherals.
- **High Performance Computing (HPC)** supports the DOD High Performance Computing Modernization Program through procurement of numerous HPC systems (supercomputers) with over 5 PetaFLOPS of computing capability and over 50 PetaBytes of mass storage archives.
- **Communication Infrastructure and Systems Support (CIS2)** delivers value through Information Technology acquisition, project management and financial management excellence.
- **Medical Communication Infrastructure and Systems Support (MCIS2)** supports the entire DOD medical community in the procurement of hardware, software and technical services.



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ENVIRONMENTAL PORTFOLIO

Environmental and Munitions (EM CX) provides support to USACE Headquarters and offices worldwide on complex environmental and munitions issues.

- **Defense and State Memorandum of Agreement (DSMOA)**
- **Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**
- **Military Munitions Response Program**
- **Remediation System Evaluations (RSE)**
- **Long-term Monitoring Optimization (LTMO)**



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GLOBAL OPERATIONS PORTFOLIO

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

Global Operations

- Afghanistan – Landmine and range clearance, environmental support, Task Force Power
- Poland – MDA support
- Korea – Landmine clearance, Story Training Area

Ballistic Missile Defense (BMDS CX)

- Supports the Missile Defense Agency's Ballistic Missile Defense System Program.



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



Mine clearance in Afghanistan.



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CEHNC ACQUISITIONS

- HNC's ability to execute missions and to be responsive is because of our acquisitions.

Our work is predominantly O&M funded (discretionary funds) which has a far shorter 'requirement to execution' timeline than does MILCON, Civil Works, etc.

- 17 MAJOR ongoing acquisitions at present and 4 awarded in the last month. There are 18 planned...not yet on this chart, right behind it.

- We spend roughly \$4M every 3-5 years on acquisitions...no matter how difficult - because they are our number one tool and capability to do our work and to support the GDs.

Requiring Organization	Project Name
ISM	MRR D/B MATOC, \$990M
OE-BMD	BMD A-E Services,\$48M (Multiple)
ISF	DLA Fuels Air Force Phase 8 Recompete, \$7.1M
ISE	OEI Support Contract, \$48M
ISF	DLA Fuels Air Force Phase 9 Recompete, \$8.2 M
ISI	Planning & Programming (P&P) A-E, \$100M (Multiple)
OE	International Remediation and Environmental Services (IRES), \$950M
ISM	Medical Division A/E Services, \$225M (Multiple)
IST	ESS/UMCS/Metering AE MATOC, \$45M (Multiple)
ISF	88th RSC Grounds Maintenance Services MATOC, \$42M
ISC	DHA VOCERA (IT), \$90M
ISF	88th RSC Janitorial Services MATOC, \$42M
OE	Robotics, \$40M
ISC	HPC Integrated Technical Services Restricted (HITS-R), \$248M
ISC	HPC HISS Re-Compete, \$32.4M
OE	Mega Small Business MMR & Environmental Services, \$400M (Only CONUS)
IST	NGB ESS SATOC, \$100M
ISM	Medical Facility Support Services II, \$150M
ISM	OMEE VI MATOC, \$990M
ISF	ACP / BASEOPS M&S MATOC, \$425M
IST	UMCS V., \$2.5B

Projects highlighted in yellow are Top 10 Priority Acquisitions as of 3 Aug 17



Huntsville Center POCs:

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- Small business: Rebecca Goodsell: 256-895-1385
- Contracting Chief: Colleen O'Keefe: 256-895-1111
- HNC Mobile District LNO: Dongha Yi: 256-895-1346



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Questions & Answers



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