USACE Vision

Engineering solutions for the Nation’s Toughest Challenges.

USACE Mission

Deliver vital engineering solutions in collaboration with our partners, to secure our Nation, energize our economy, and reduce our risk from disaster.

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.
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 adoption, 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
Huntsville Center Footprint

Annual Obligations $1.77 B

- Installation Support $1,184.2M
- Engineering $73.6M
  (includes Medical CX of $5.3M)
- Chemical Demil $121.6M
- Ordnance Explosives $237M
- Environmental and Munitions CX $39.2M

Personnel: 871

- 771 – Huntsville, AL
- 25 – Alexandria, VA
- 53 – Omaha, NE
- 1 – Pueblo, CO
- 11 – Richmond, KY
- 29 – Afghanistan (TDY)
- 10 – Various PMs forward and liaisons

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

- Actions
- Obligations

FY13 Projection

Millions

2007  2008  2009  2010  2011  2012  2013

Actions

Obligations

$1,800.00

$1,500.00

$1,200.00

$900.00

$600.00

$300.00

$-

Small Business Goal Achievement
FY 2012

- SB 33%: 37.5% (EXCEEDED!)
- SDB 12%: 12.94% (EXCEEDED!)
- HUBZone 4%: 4.01% (EXCEEDED!)
- WOSB 4%: 4.78% (EXCEEDED!)
- SDVOSB 3%: 2.32%
Small Business Goal Achievement
14 April 2013

- SB 36%: 31.61% Achieved, $75.7M
- SDB 13%: 11.63% Achieved, $27.8M
- HUBZone 4%: 2.02% Achieved, $4.8M
- WOSB 5%: 2.66% Achieved, $6.4M
- SDVOSB 3%: 1.27% Achieved, $3.1M
Ordnance and Explosives Programs

- Military Munitions Design Center and Remedial Action Team
  - Investigation, design, and remediation of FUDS, ranges, and construction sites.

- Chemical Warfare Design Center
  - Support to DA, DOD, State Department, and DTRA worldwide

- OCO Support
  - Mine clearance in Afghanistan
    - 9 Afghan mobile mine clearance teams supporting base expansion countrywide
    - Bagram AF – Clearing Soviet-era mine fields for MILCON and base expansion

- $2 billion Worldwide Remediation Services Contract
Medical Programs

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

- **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

- **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
  - **Access Control Points**: Upgrade installation gates security equipment and facilities to meet new standards and assure consistency Army-wide.
  - **Army Centralized Furnishings Program**: Provides program management for ACSIM/IMCOM MILCON, BRAC, SRM projects administrative and barracks furniture

IB barrier being tested at Aberdeen Proving Ground, Md.
Installation Support Programs - Energy

- **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.

- **Energy Engineering Analysis Program (EEAP):** Analyzes energy use at installations and provides options for savings.

The Brigade Combat Team Dining Facility at Fort Bliss, Texas, is powered by solar panels.
Installation Support Programs - Energy

- **Energy Conservation Investment Program (ECIP):** designed to complete a thorough project DD Form 1391 review and verification process.

- **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 Purchase Agreement Program (PPA)

- Uniquely postured as an organization with the capability to deliver
- Supporting Energy Initiatives Task Force (EITF)

  - $7B PPA Multiple Award Task Order Contract (MATOC)
    - First technology contractor awards are scheduled for 3rd Quarter FY13
    - Second technology awards scheduled for 3rd Quarter FY13 (later in Q)
    - Third and fourth technology awards are scheduled for 4th Quarter FY13

  - Standalone PPA – Fort Bliss 20MW Solar PV
    - RFP/Lease officially released to El Paso Electric (EPE) on 1 Apr 2013
    - EPE concurrently submitting RFP response to HNC and filing special tariff with Public Utility Commission of Texas (PUCT) in October 2014
    - PUCT approval of special tariff expected in October 2015
    - Energy Service Contract award scheduled for December 2015

  - Standalone PPA – Fort Huachuca 20MW Solar PV
    - HNC evaluating three acquisition courses of action

  - Standalone PPA – Redstone Arsenal 25+MW Waste to Energy (WTE) / 15MW PV
    - HNC selected by EITF as acquisition partner on 25 March 2013
HNC ESPC Program Statistics

HNC Awards

<table>
<thead>
<tr>
<th></th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>16 Awarded of 17 Projected</td>
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3rd Party Capital Investment

<table>
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<tr>
<th></th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
</tr>
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<tbody>
<tr>
<td>$25M</td>
<td>$85M</td>
<td>$208M</td>
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Original Projection: $175M

Annual MBTU Savings

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<th></th>
<th>FY10</th>
<th>FY11</th>
<th>FY12</th>
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<tbody>
<tr>
<td>75K</td>
<td>315K</td>
<td>696K</td>
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</table>

Original Projection: 452K
FY13 ESPC Pipeline

- Projecting 9 Army ESPC Task Order Awards
- $150M Estimated Capital Investment
- Approximately 300K MBTU savings

- Army Garrisons:
  - Tobyhanna AD (awarded)
  - Fort Lee (awarded)
  - Fort Bliss (approval process)
  - Adelphi Lab Ctr (approval process)
  - APG (approval process)
  - Fort Leavenworth (approval process)
  - Natick (approval process)
  - Fort Irwin (proposal development)
  - WSMR (proposal development)
ESPC III MATOC

Status Update:

► On Track with Army Energy Goals
  • Acquisition Strategy submitted to PARC (must be approved by DPAP)
  • Anticipate RFP 3QFY14
  • Anticipate award 1QFY15
  • A portion of the $1M FY13 QUTM funding will support the procurement of the ESPC III MATOC
  • The anticipated funding will keep the acquisition moving forward

► Leveraging innovation in this area (ENABLE) / DOE Partnership
  • Energy Savings Performance Contract (ESPC) ENABLE provides a standardized and streamlined process for using ESPCs to implement energy efficiency and water conservation measures in Federal facilities smaller than 200,000 square feet. By using the ESPC ENABLE, these facilities can realize energy and water savings within six months.
ESPC Support to USACE Civil Works

- Working with FEMP and HQUSACE on a pilot small-scale **ESPC ENABLE** project at Kansas City District. Notice of Opportunity is out and closes 1 April 2013. The ENABLE scope is limited to lighting, HVAC, and simple controls.

- **Little Rock District ESPC** - McClellan Kerr Arkansas River Navigation System (MKARNS). Feasibility Study and proposal are under development and due 13 Sept 2013. Initial estimate shows a potential project around $1M (larger than expected). Projected Savings: $89K/yr

- **North Atlantic Division/Logistics ESPC** – Humphries Engineering Center (HECSA), Washington Aqueduct, Chesapeake & Delaware Canal. Site Survey Report is under review. Initial estimate shows potential projects at HECSA ($3.5M) and Washington Aqueduct ($10-30M depending on scope). Anticipate NTP for Feasibility Study and Proposal NLT 15 April 2013. Projected Savings: $1.9M/yr

- **Mobile District ESPC** – ESCO selection pending, proposals under review. Anticipate selection by 15 April 2013. This project will cover several projects along Alabama and Mississippi waterways.
Army Central Meter Program (AMP)

Enterprise Energy Data Reporting System

1) Gas pulse counts

Front End Server

2) Collect raw meter data

Gas Meter

Electric meter

1) Water pulse counts

Water Meter

Meter Data Management System

3) Transmit

Raw meter data

1) Analyze meter data

2) Report Generation

MDMS Gateway
Installation Support Programs

- 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.

- Range and Training Land Programs (RTLP) 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.
### Proposed IDIQ Contracts

<table>
<thead>
<tr>
<th>Program</th>
<th>Contract Type</th>
<th>Value</th>
<th>RFP Release Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy</strong></td>
<td>Energy Savings Performance Contract</td>
<td>$1.5 B</td>
<td>Q3 FY14</td>
</tr>
<tr>
<td></td>
<td>Meter Data Management System</td>
<td>$40 M</td>
<td>Q3 FY13</td>
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<tr>
<td></td>
<td>Ft. Bliss 20 Mw Project (Standalone)</td>
<td>$193 M</td>
<td>Q3 FY13</td>
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<td></td>
<td>EITF Support Services</td>
<td>$45 M</td>
<td>Q3 FY 13</td>
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<tr>
<td><strong>Electronic Technology</strong></td>
<td>Utility Monitoring and Control Systems</td>
<td>$2.5 B</td>
<td>Q2 FY14</td>
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<tr>
<td></td>
<td>Technical &amp; Programmatic Support Services</td>
<td>$150 M</td>
<td>Q4 FY13</td>
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<tr>
<td><strong>Military Integration</strong></td>
<td>A-E Ranges</td>
<td>$40M</td>
<td>TBD</td>
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This information updated 15 April 2013, and is subject to change. Distribution A, Approved for Public Release
For the most up-to-date information visit the Federal Business Opportunities Web site at [www.fbo.gov](http://www.fbo.gov).
For more information contact Contracting (256-895-1110) or the Small Business Office (256-895-1385).
# Proposed IDIQ Contracts

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<tbody>
<tr>
<td>Ordnance and Explosives</td>
<td>Worldwide Environmental Remediation Services</td>
<td>$850 M</td>
<td>Q2 FY14</td>
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<tr>
<td>Medical</td>
<td>Initial Outfitting and Transition Services</td>
<td>$495 M</td>
<td>Q4 FY13</td>
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<td></td>
<td>Unrestricted</td>
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<tr>
<td></td>
<td>Medical Facilities Service Support</td>
<td>$220 M</td>
<td>Q3 FY13</td>
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<tr>
<td></td>
<td>Operations and Maintenance Engineering</td>
<td>$990 M</td>
<td>Q3 FY13</td>
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<tr>
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<td>Enhancement Unrestricted</td>
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<td></td>
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<tr>
<td></td>
<td>Initial Outfitting and Transition – Yongsan</td>
<td>$102 M</td>
<td>Q3 FY13</td>
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<tr>
<td></td>
<td>Relocation Program– Standalone</td>
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<tr>
<td>Facilities</td>
<td>Design- Build Facilities Repair and Renewal</td>
<td>$490 M</td>
<td>Q3 FY13</td>
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<tr>
<td></td>
<td>High Performance Computing Integrated Support</td>
<td>$86 M</td>
<td>Q3 FY13</td>
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<td>Services</td>
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Solicitations Pending Award

Parametric Support Contract $8.2M
Medical Facilities A-E Services $249M
Energy-ECIP D-B Unrestricted $600M
Power Purchase Agreement $7B
Ft. Bliss 20 Mw Project Standalone $193M
Resilient Power and Mechanical Systems BOA $240M
FRR D-B MATOC $490M
FRR A-E MATOC $9M
ACP CONUS Unrestricted D-B MATOC $230M
ACP CONUS Restricted D-B MATOC $200M
High Performance Computing Technical Insertion BOA $330M
IO&T for Korea Hospital Replacement $102M SATOC
MRR A-E Services Unrestricted $25M
MRR A-E Services Restricted $5M
Medical Facilities Service Support MATOC $220M
Doing Business with the Huntsville Center, Corps of Engineers

Helpful Websites

1. Huntsville Center, Corps of Engineers  
   www.hnc.usace.army.mil
2. Is your business “small”?  
   www.naics.com
3. Market research to locate opportunities  
   www.fbo.gov
4. Procurement Technical Assistance Centers  
   www.dla.mil/db/procurement.htm
5. Market research and registration  
   www.ccr.gov
6. Opportunities as a subcontractor  
   http://web.sba.gov/subnet
7. Army resources  
   www.sellingtoarmy.info
8. A guide to winning federal contracts  
   www.sba.gov/training
9. Opening doors to federal contracting opportunities  
   www.sba.gov/openingdoors
10. Assistance in obtaining federal contracts  
    http://www.osdbu.gov/offices.html
Questions?
www.hnc.usace.army.mil