2015 Industry Day
Mobile District

Bill Cantrell
ERDC OSBP
U.S. Army Engineer Research and Development Center

ERDC Headquarters
- Coastal and Hydraulics Laboratory (CHL)
- Environmental Laboratory (EL)
- Geotechnical and Structures Laboratory (GSL)
- Information Technology Laboratory (ITL)

Field offices (○) also maintained in Fairbanks and Anchorage, Alaska, and London.

Construction Engineering Research Laboratory (CERL)

Geospatial Research Laboratory (GRL)

Cold Regions Research and Engineering Laboratory (CRREL)
ERDC Program

Research Areas

- War Fighter Support: 84%
- Civil Works: 13%
- Military Installations: 3%

Research Funding Types

- Reimbursable: 80%
- Direct: 20%

More than $1.1 Billion Funding
# ERDC Business Areas

**Innovative solutions for a safer, better world through . . . .**

<table>
<thead>
<tr>
<th>Military Engineering</th>
<th>Environmental Quality And Installations</th>
<th>Civil Works and Water Resources</th>
<th>Geospatial Research And Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Adaptive Protection</td>
<td>* Adaptative/Resilient Installations</td>
<td>* Navigation</td>
<td>* Signal/Sensor Phenomenology</td>
</tr>
<tr>
<td>* Sensor Performance</td>
<td>* Sustainable Ranges/Lands</td>
<td>* Flood Risk Management</td>
<td>* Geospatial Reasoning</td>
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<tr>
<td></td>
<td></td>
<td>* Environmental Restoration, Regulation and Stewardship</td>
<td>* Human Terrain Analysis</td>
</tr>
</tbody>
</table>

**Innovative solutions for a safer, better world**
Support to Combat, Stability and Disaster Operations
Providing Enduring and Essential Water Resource Solutions

Navigation

Flood and Coastal Storm Damage Reduction

Environment

Regional/Watershed Solutions

Innovative solutions for a safer, better world
# Small Business Program Contract Obligations

<table>
<thead>
<tr>
<th></th>
<th>FY15 Actual</th>
<th>ERDC FY15 Goals</th>
<th>GW Goals</th>
<th>FY15 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Business</td>
<td>$68 mil</td>
<td>43.3%</td>
<td>23%</td>
<td>69%</td>
</tr>
<tr>
<td>Disadvantaged</td>
<td>$38 mil</td>
<td>18%</td>
<td>5%</td>
<td>19%</td>
</tr>
<tr>
<td>Woman Owned</td>
<td>$26 mil</td>
<td>7%</td>
<td>5%</td>
<td>35%</td>
</tr>
<tr>
<td>SDVet</td>
<td>$19 mil</td>
<td>4%</td>
<td>3%</td>
<td>22%</td>
</tr>
<tr>
<td>HUBZone</td>
<td>$20 mil</td>
<td>11%</td>
<td>3%</td>
<td>14%</td>
</tr>
</tbody>
</table>
### FY15 % of Dollars Obligated by NAICS

<table>
<thead>
<tr>
<th>%</th>
<th>NAICS</th>
<th>NAICS Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%</td>
<td>541712</td>
<td>Research &amp; Development in the Physical, Engineering, and Life Sciences (except biotechnology)</td>
</tr>
<tr>
<td>4%</td>
<td>541990</td>
<td>All Other Professional, Scientific, and Technical Services</td>
</tr>
<tr>
<td>4%</td>
<td>541519</td>
<td>Other Computer Related Services</td>
</tr>
<tr>
<td>4%</td>
<td>541690</td>
<td>Administrative Management and General Management Consulting Services</td>
</tr>
<tr>
<td>4%</td>
<td>541511</td>
<td>Custom Computer Programming Services</td>
</tr>
<tr>
<td>4%</td>
<td>561499</td>
<td>All Other Business Support Services</td>
</tr>
<tr>
<td>4%</td>
<td>541611</td>
<td>Administrative Management and General Management Consulting Services</td>
</tr>
</tbody>
</table>

Group 541 Professional, Scientific, and Technical Services accounted for 71% of ERDC obligations in FY15.
Opportunities

- IT Lab Competitive SDVet >$5 mil R&D NAICS 541712
  - CAD/BIM support
  - Scientific Software & Engineering Application R&D
  - Sensors, Measurement & Instrumentation R&D
  - Data Analysis, Integration & Assessment
  - Computational Analysis

- IT Lab Competitive 8(a) >$5 mil S&T NAICS 541990
  - Library Collection & Database Maintenance
  - System Engineering
  - Informatics
  - Digital Science
Additional Opportunities

- OSD Joint Test & Evaluation Program: MATOC for Operational T&E Services 10 years >$5 mil NAICS 541330
  - Test activities include test design, planning, execution, reporting
  - Specific activities include testing, engineering and planning, modeling & simulation, training, programming, data collection/analysis, development of briefings, test results & technical reports.

- OSD JPO (JT&E) Support Services 8(a) Competitive >$5 mil NAICS 541611
Questions?

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601-634-3470

Be sure you use a local Procurement Technical Assistance Center. Go to www.aptac-us.org to find yours.
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http://www.erdc.usace.army.mil
1970 “...no effective means for conducting productive joint operations tests and evaluations .... efforts have encountered difficulties and achieved few useful results”

JT&E was created to conduct the much needed tests and evaluations of joint operations
• Contracting for JT&E is being performed by the Army Engineer Research & Development Center, headquartered in Vicksburg, MS
• This is not an ERDC requirement
• The current 10 year MATOC ends 1/7/2017; a new $900 mil solicitation will be out this spring
• Two sources sought have been posted under DODAAC W91C9G (enter this in search on FBO)
• W91C9G-16-R-0001 is most recent
• Objective of JT&E is to
  • Assess Service system interoperability
  • Evaluate joint technical and operational concepts and recommend improvements
  • Validate testing methodologies that have multi-Service applications
  • Improve Modeling and Simulation apps
  • Increase joint mission capability
  • Provide feedback
• Majority of JT work will be performed at Nellis NV, Aberdeen MD, and Suffolk VA
• Some may be OCONUS
• Primes are required to attend classified briefings prior to proposing any task orders
  • Briefings are currently at least five times per year at either the Pentagon or Suffolk, VA
• If interested, we encourage you to submit a white paper which supports your company's claim that it presently has the technology, qualifications, and capabilities and teaming arrangements to satisfy the objectives in the sources sought.
• An industry day will be held 1/5/16 in Vicksburg
  • One on one sessions will be available
  • Request to attend must be sent via email by December 30, 2015