Welcome to Energy Huntsville!

May 19, 2015
Agenda

- **Web Site** Updates
- **Sponsors**
- **Join Energy Huntsville**
- Food Sponsor: GDIT – Thanks!
- Food Sponsor for June?
Agenda

- Calendar Announcements
  - Switchblade winner: 47% MORE energy than OEM!!!
  - May 27-28, Tennessee Valley Corridor Summit, Johnson City, TN
  - June 2: Huntsville Long Range Planning: Energy
  - June 3-4, 7th Annual SouthEastern CyberSecurity Summit, Huntsville, AL

Please send items to bill.carswell@uah.edu
Agenda

- Announcements and Awareness
  - Solar Ready Vets
  - Executive Order -- Planning for Federal Sustainability in the Next Decade

Please send items to bill.carswell@uah.edu
Agenda

- Other Announcements and Recognitions – Jay Newkirk
- TechRich – Terry Griffin
- Opportunities – Steve Reed
- Navy Opportunity – Sheila McFerran
- Speed Talk – Solar Site Design
- Speaker Introduction – Bob Starling
Collaborative Small Business Support

Energy Huntsville Meeting
19 May 2015
## Coordinated Services

### CORE SERVICES

<table>
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<tr>
<th>Business Training</th>
<th>Engagement with SBIR programs</th>
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<tr>
<td>Business Counseling</td>
<td>Support Obtaining Facility Clearances</td>
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<td>Mentoring</td>
<td>International Market Development</td>
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<td>Technology Transfer Counseling</td>
<td>Export Readiness and Control Counseling</td>
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<td>Commercialization of Existing R&amp;D Counseling</td>
<td>Support for Underserved Communities</td>
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### SPECIALIZED SERVICES

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<th>Proposal Support and Funding</th>
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<td>Meetings with Prime Contractors</td>
<td>Product Launch Planning</td>
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<td>Collaboration Summits and Tools</td>
<td>Technology Assessments</td>
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<td>Public Awareness Campaign – Success Stories</td>
<td>Capability Statement Training</td>
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<td>Procurement Training for JUONs, JCTDs, BAAs</td>
<td>Matchmaking Events</td>
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<tr>
<td>Ideation Sessions on Key Proposals</td>
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All 1-on-1 services are completely free.  

TechRich services are made possible through a contract with the U.S. Small Business Administration (SBA).
4th Annual
Empowering Our Veterans
Entrepreneurship and Employment

Leveraging Experience in Today’s Marketplace
May 29, 2015

SCHEDULE OF ACTIVITIES

<table>
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<tr>
<th>Time</th>
<th>Activity</th>
<th>Location</th>
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<tr>
<td>0815 - 0830</td>
<td>Opening Remarks: Clayton Hinchman</td>
<td>280</td>
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<tr>
<td>0800 - 1630</td>
<td>Career Exhibits (Open all Day)</td>
<td>275</td>
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<tr>
<td>0830 - 1130</td>
<td>Intro to Business Ownership Resume Critique/Mock Interview</td>
<td>267, 268/269</td>
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<tr>
<td>1130 – 1230</td>
<td>Lunch</td>
<td>Atrium</td>
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<tr>
<td>1230 - 1330</td>
<td>Keynote: The Transition Experience MG Paulette Risher (Ret.) Real-World Transition Panel</td>
<td>275</td>
</tr>
<tr>
<td>1330 - 1630</td>
<td>Workshops for the Job Seeker Resume Critique/Mock Interview</td>
<td>267, 268/269</td>
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</table>

Entrepreneurial Track
- Is Business Ownership Right for You?
- 5 Paths to Business Ownership
- Becoming Certified as VOSB/SDVOSB

Employment Track
- The Power of Your Resume
- Social Media for the Transitioner
- Leveraging Staffing in Your Job Search
- The Corporate Recruiter & HR
TechRich is an SBA funded Regional Innovation Cluster focused on supporting the development and growth of high-tech, innovative small businesses in the Tennessee Valley Region. TechRich collaborates with state and local resource providers to ensure a sustainable, high-performing entrepreneurial ecosystem thrives in our region.

TechRich has helped several entrepreneurs start and grow their businesses in the last five years – some with over 100 employees today.

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
<th>Expertise</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joanne Randolph</td>
<td>Program Manager</td>
<td>Startups, Board of Advisors</td>
<td><a href="mailto:joanne.randolph@wbcna.org">joanne.randolph@wbcna.org</a></td>
</tr>
<tr>
<td>Terry Griffin</td>
<td>Project Manager, SME</td>
<td>DoD Acquisition Process, Clusters</td>
<td><a href="mailto:terry.griffin@wbcna.org">terry.griffin@wbcna.org</a></td>
</tr>
<tr>
<td>Glenn Priddy</td>
<td>Subject Matter Expert</td>
<td>Tech Assessment, Integration</td>
<td><a href="mailto:glenn.priddy@gmail.com">glenn.priddy@gmail.com</a></td>
</tr>
<tr>
<td>Christi Jackson</td>
<td>Deputy Project Manager</td>
<td>Collaborative Proposals &amp; Projects</td>
<td><a href="mailto:christi.jackson@wbcna.org">christi.jackson@wbcna.org</a></td>
</tr>
</tbody>
</table>
Government Collaboration
Opportunities

Find Opportunities

www.gotomarketenergy.com

Click here for more information about the opportunities

Enter your email to receive Opportunity updates:

Subscribe me!

Operation of the National Security Campus - Kansas City

December 22, 2014

Description: The U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA) has released the Request for Proposals (RFP) for selection of a contractor to manage and operate the National Security Campus.

Due: February 10, 2015

Requirements: Click here for more
Presentations and Opportunities

Presentations
www.energyhuntsville.com/presentations

Army Corps of Engineers

Army Office of Energy Initiatives
www.asaie.army.mil/Public/ES/eitf/

Grants
www.grants.gov
<table>
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<tr>
<th>Opportunity Name</th>
<th>RFP Date</th>
<th>NAICS</th>
<th>Primary Requirement</th>
<th>Agency</th>
<th>Competition Type</th>
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<tbody>
<tr>
<td>USACE Energy Information Management Program</td>
<td>02/15/2015</td>
<td>541512</td>
<td>Data Management</td>
<td>ARMY CORPS OF ENGINEERS</td>
<td>Undetermined</td>
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<tr>
<td>USACE AEC Design Build General Construction</td>
<td>02/15/2015</td>
<td>238220</td>
<td>Architecture, Engineering &amp; Construction</td>
<td>ARMY CORPS OF ENGINEERS</td>
<td>Undetermined</td>
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<tr>
<td>MATOC Primarily For The Presidio Of Monterey Ft Hunter Liggett Camp Roberts CA</td>
<td>02/15/2015</td>
<td>238990</td>
<td>Architecture, Engineering &amp; Construction</td>
<td>NAVAL FACILITIES ENGINEERING COMMAND</td>
<td>Undetermined</td>
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<tr>
<td>AEC Multi Trade Job Order Contract Mctmcw Bridgeport California Naval Air Station</td>
<td>02/15/2015</td>
<td>562211</td>
<td>Waste Management and Remediation Services</td>
<td>DEFENSE LOGISTICS AGENCY</td>
<td>Full and Open / Unrestricted</td>
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<tr>
<td>Fallon Nasf Fallon Nevada And Navy Operational Support Center Nosc Reno Nevada</td>
<td>02/15/2015</td>
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<td>AEC Hazardous State Regulated PCBS CGCS And Nonhazardous Waste Transportation And Disposal</td>
<td>02/15/2015</td>
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<td>AEC P939 Design Build Engine Dynamometer Facility At Marine Corps Logistics Base Barstow California</td>
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<td>AEC P906 Energy Security Microgrid For Critical Facilities Marine Corps Air Station Miramar San Diego California</td>
<td>02/06/2015</td>
<td>237130</td>
<td>Power and Communication Line and Related Structures Construction</td>
<td>NAVAL FACILITIES ENGINEERING COMMAND</td>
<td>Full and Open / Unrestricted</td>
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<td>USACE AEC Design And Build Building 23 And Port Arthur Resident Replacement Construction</td>
<td>02/15/2015</td>
<td>236220</td>
<td>Commercial and Institutional Building Construction</td>
<td>ARMY CORPS OF ENGINEERS</td>
<td>Small Bus Set-Aside</td>
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<tr>
<td>Assistance And Advisory Services To The Directed Energy Bioeffects Division In San Antonio</td>
<td>02/15/2015</td>
<td>541712</td>
<td>Information Technology</td>
<td>AIR FORCE MATERIEL COMMAND</td>
<td>Small Bus Set-Aside</td>
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<tr>
<td>Technical Administrative Support Services</td>
<td>02/15/2015</td>
<td>541330</td>
<td>Professional Services</td>
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<td>Full and Open / Unrestricted</td>
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<td>AEC Alternative Energy Project Technical Assistance Contiguous United States For The Office Of Indian Energy Policy And Programs</td>
<td>02/15/2015</td>
<td>541330</td>
<td>Power and Communication Line and Related Structures Construction</td>
<td></td>
<td>Small Bus Set-Aside</td>
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<tr>
<td>AEC Idiq Construction Maintenance And Repair Job Order Contract For Fort Jackson</td>
<td>02/15/2015</td>
<td>236220</td>
<td>Construction</td>
<td>ARMY INSTALLATION MANAGEMENT COMMAND</td>
<td>Hubzone</td>
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<td>AEC Renewable Energy Installation Project Schofield Barracks Hawaii</td>
<td>02/15/2015</td>
<td>236220</td>
<td>Environmental Engineering</td>
<td>ASST SEC FOR INSTALLATIONS AND ENVIRONMENT UNDER SECRETARY OF ENERGY</td>
<td>Undetermined</td>
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<tr>
<td>Technical Support Services For Radiosotope Heat Sources And Power Systems</td>
<td>02/15/2015</td>
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<td>Professional Services</td>
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<td>Full and Open / Unrestricted</td>
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<td>Implementation Of The Programmatic Agreement For The Ross In Situ Uranium Recovery Project</td>
<td>02/15/2015</td>
<td>541712</td>
<td>Research &amp; Development</td>
<td>49C5055, 53B</td>
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</table>
Energy-Savings Technology Validation Services

- The Department of the Navy, Naval Facilities Engineering Command, NAVFAC Engineering and Expeditionary Warfare Center (EXWC), has a requirement for Energy-Savings Technology Validation Services (TECHVAL).
- RFP FYQ3
- NAICS 541330
- Small Business Set Aside
Energy-Savings Technology validation Services (cont.)

- Shall provide services for Energy Technical Evaluation in:
  - Heating, Ventilating, and Air Conditioning (HVAC)
  - Direct Digital Controls (DDC) for Facility Management
  - Supervisory Control and Data Acquisition (SCADA)
  - Domestic and Hot Water Heating
  - Interior and Exterior Lighting
  - Energy Efficient Motors
  - Boiler Plant Modifications
  - Weatherization, Glazing, and Insulation
  - Building and System Modeling
  - Energy Recovery
  - Electrical Energy Generation and Storage
  - Renewable Energy Systems
  - Distributed Energy Systems
  - Water Savings Fixtures and Technology
SBIR Topics Now Available

https://sbir.defensebusiness.org/Topics/
Navy SBIR Topic

- Component: NAVY
- Topic #: N152-098
- Title: Modular Smart Micro/Nano-Grid Power Management System
- Technology Areas: Electronics Info Systems
- Acquisition Program: NAVFAC Directed Energy
NAVY
Topic # N152-098
Modular Smart Micro/Nano-Grid Power Management System
Objective:

Develop technology that simplifies implementation of microgrids.

A modular, turnkey microgrid in a box solution that would reduce cost and is universal and expandable to most facilities equipment, while ensuring cybersecurity of the base power grid.
Microgrids are being considered at DoD installations, to better manage energy usage, with the objective of providing better efficiency, reliability, and higher integration of renewable generation such as wind and solar.

Proposals should focus on hardware design, cyber security, and networking functionality of the concept in order to achieve desired results.
• **Phase I** – address hardware, cyber security, and mesh network algorithms.

• **Phase II** – Develop and integrate hardware, software, and cyber security Modular Smart Microgrid Power Management Systems prototype into an existing base power grid.

• **Phase III** – Conduct full scale operational demonstration of micro-grid capability using modular controllers in a mesh-network between several buildings through existing distribution lines.
Programs for May & June

May: General Dynamics Information Technology (GDIT)
• Title: Cisco Energy Management
• Speaker: Mark Davidson

June: Alabama Center For Sustainable Energy
• Title: Future Energy Policies for Alabama
• Speakers: Daniel Tait and Jenna Tischler
Agenda

Networking