

Energy Huntsville Opportunity Report June 2012

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About Us – Energy Huntsville

- Built on collaboration
- Feed us opportunities
- Basis of dialog
- Opportunities for everyone
- Living document



Let the Opportunities Drive the Discussion

Opportunity Document

April 2012 EH Opportunity Presentation.xlsx

100%

Home Layout Tables Charts SmartArt Formulas Data Review

Font: Verdana 11, Alignment: Wrap Text, Number: General, Format: Normal, Cells: Insert, Delete, Format, Themes: Aa

	C	E	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	Energy Huntsville Opportunites														
2	Title	Agency	Possible NAICS	Reference	Additional References	Operational Energy	Building Energy	Solar	Wind	Biomass	Geo Thermal	Water	Hydrogen	Adv Manf	Vehicles / Engines
10	Maintenance And Minor Repair Services At Government Petroleum Facilities	Army Corps Of Engineers	424710	https://www.fbo.gov/index?_psort=current_posted_date-d-desc											
11	Resource Efficiency Management Program	Army Corps Of Engineers	541330	https://www.fbo.gov/index?_psort=current_posted_date-d-desc											
12	Plug and Play Photovoltaics	Dept of Energy		https://www.fbo.gov/index?_psort=current_posted_date-d-desc	https://eere-exchange.energy.gov/			Y							
13	Physics of Reliability Photovoltaics Technology	Dept of Energy		https://www.fbo.gov/index?_psort=current_posted_date-d-desc	https://eere-exchange.energy.gov/			Y							
14	Hydropower Advancement Project (HAP) Standard Assessments to Increase Generation and Value	Dept of Energy		https://www.fbo.gov/index?_psort=current_posted_date-d-desc	https://eere-exchange.energy.gov/							Y			
15	HVACR to Home Performance: Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) Contractor Expansion into Whole House Residential Energy Efficiency Services, Request for Information	Dept of Energy		https://www.fbo.gov/index?_psort=current_posted_date-d-desc	https://eere-exchange.energy.gov/			Y							
16	Bio-Oil Stabilization and Commoditization	Dept of Energy		https://www.fbo.gov/index?_psort=current_posted_date-d-desc	https://eere-exchange.energy.gov/										

Sheet2

- US Army Corps of Engineers
- RFP – July 2012
- Industry Day Q4FY12
- \$7B
- Award to both large and small businesses (MATOC)
- Solar
- Wind
- Geothermal
- Bio-mass
- Other requirements to support renewable energy

Army Corps of Engineers

From the Draft RFP

Task Orders will be reserved for small businesses in accordance with the following ordering procedures:

Energy Production	Task Order Competition	Caveats
<u>Greater than 12MW</u>	<u>Unrestricted Competition</u>	
<u>4MW up to 12MW</u>	The Contracting Officer will first consider reserving the Task Order for small businesses. The determination will examine the size of the project, the complexity of the project, and the level of financing required.	Before making the determination on a particular project, the Contracting Officer will request a letter of interest from all SB firms. If fewer than two responses are received, the Task Order will open for unrestricted competition.
<u>Less than 4MW</u>	Reserved for <u>small businesses</u>	If no proposals are received, or if all proposals are technically unacceptable and/or unreasonably priced, the Task Order will open for unrestricted competition.

Proposed IDIQ Contracts

Program	Contract Type	Value	Release Date
Energy	Large Scale Renewable Energy Production for Federal Installations	\$7 B	Q4 FY12
Utility Monitoring and Control Systems	UMCS IV	\$4.5 B	Q4 FY13
Facilities	Design- Build Facilities Repair and Renewal	\$490 M	Q4-FY12
	Resilient Power and Mechanical Systems	\$250 M	Q4-FY12
	A-E Facilities Repair and Renewal	\$15 M	Q4-FY12
Integrated Medical Modular Support Systems and Initial Outfitting and Transition	IO&T Services (Estimate)	\$490 M	Q1 FY13
	Medical Facilities Service Support	\$245 M	Q1 FY13
	IO&T Dental Equipment BPA	\$250 M	Q4 FY12
	O&M Services	\$990 M	Q1 FY13

This information 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.fedbizopps.gov.

For more information contact Contracting (256-895-1110) or the Small Business Office (256-895-1385).



BUILDING STRONG®

Proposed IDIQ Contracts

Program	Contract Type	Value	Release Date
Medical Repair and Renewal	MRR Architect-Engineering Services	\$25 M	Q4 FY12
Ordnance and Explosives	International Contingency Life, Health & Safety	\$450 M	Q1 FY13
Engineering	AFCS Engineering Services	\$10 M	Q3 FY12
	Defense Energy Support Center MATOC	\$400M	Q4 FY12
	Medical Facilities Architect - Engineering Services	\$249M	Q1 FY13

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BUILDING STRONG®

Corps of Eng and the Navy

Helping units meet reduction requirements

Army, Navy team up for energy savings

By James Campbell
U.S. Army Engineering and Support Center, Huntsville

The U.S. Navy's Space and Naval Warfare Systems Command Systems Center Pacific has a new partner in saving energy, and in the space of just a year, they are looking at a reduction in overall energy and annual water consumption.

The U.S. Army Engineering and Support Center, Huntsville, awarded a \$12 million Energy Savings Performance Contract for the SPAWAR unit in January 2011, and with work completed in February, they are starting

Workers in the facility have noticed a more reliable and maintained air conditioning temperature and better controls in the lab spaces, said Randy Peacock, head of SPAWAR Systems Center Pacific Facilities Operations and Energy Manager.

SPAWAR Systems Center Pacific is a military campus consisting of 225 buildings with a combined workspace exceeding 3 million square feet, adding to the complexity of the challenge. Having someone replace or upgrade environmental systems and fixtures inside facilities doing sensitive work sounds like a challenge, but Peacock said they were pleasantly surprised.

"I was very impressed with the rapid response of the USACE staff on issues that arose during the contracting phase and construction phase of the project," Peacock said.

Another unique facet of the work was the fact that the ESPC customer was Navy – most ESPC work at Huntsville Center is done for Army customers.

"We'd like to do more work with the Navy. The relationship has been really good," said Irby.

"The speed with which this project was conceived, engineered and implemented is an example of how successful an ESPC can be when the site, the energy service company and the Huntsville team work together toward a common purpose," said Darcy Immerman,



This aerial view of Naval Warfare Systems Command Systems Center in San Diego, Calif., shows the diversity of building types addressed through an Energy Savings Performance Contract awarded and managed through the U.S. Army Corps of Engineers. (Photo by U.S. Navy)

- Naval Warfare Systems Command Systems Center
- Refit Project
- Energy Savings Performance Contract
- Replace older systems over 19 year term
- Energy audits performed
- Chilled water A/C, photovoltaic systems, electronic control systems
- Projected \$23M cost savings

RENEWABLE ENERGY AND NET ZERO TECHNOLOGIES AT FORT BLISS

- Value \$1.5B
- Solicitation is anticipated to be released 4QFY12

Areas of Focus

- Waste-to-Energy
- Wastewater Reclamation & Reuse
- Large & Small Scale Energy Storage
- Large Scale Wind Energy
- Geothermal Energy
- Microgrids
- Solar Energy
- Net Zero Homes

Joint United States Army & United States Air Force

RENEWABLE ENERGY Industry Day

June 12, 2012 Crystal Gateway Marriott | Arlington, VA

www.upcomingevents.ctc.com



RESOURCE EFFICIENCY MANAGEMENT PROGRAM (REM)

- Corps of Engineers
 - Value \$245M
 - RFP 12/2013
 - SBSA
 - Multiple Awards
- Innovative management approach (Human Performance Based) focuses on reducing energy and other resource consumption, saving money, and helping the environment
 - Augments existing facility resources and focuses on no- and low- cost opportunities to reduce energy consumption

Human Factors

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