

Energy Huntsville Opportunity Report July 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

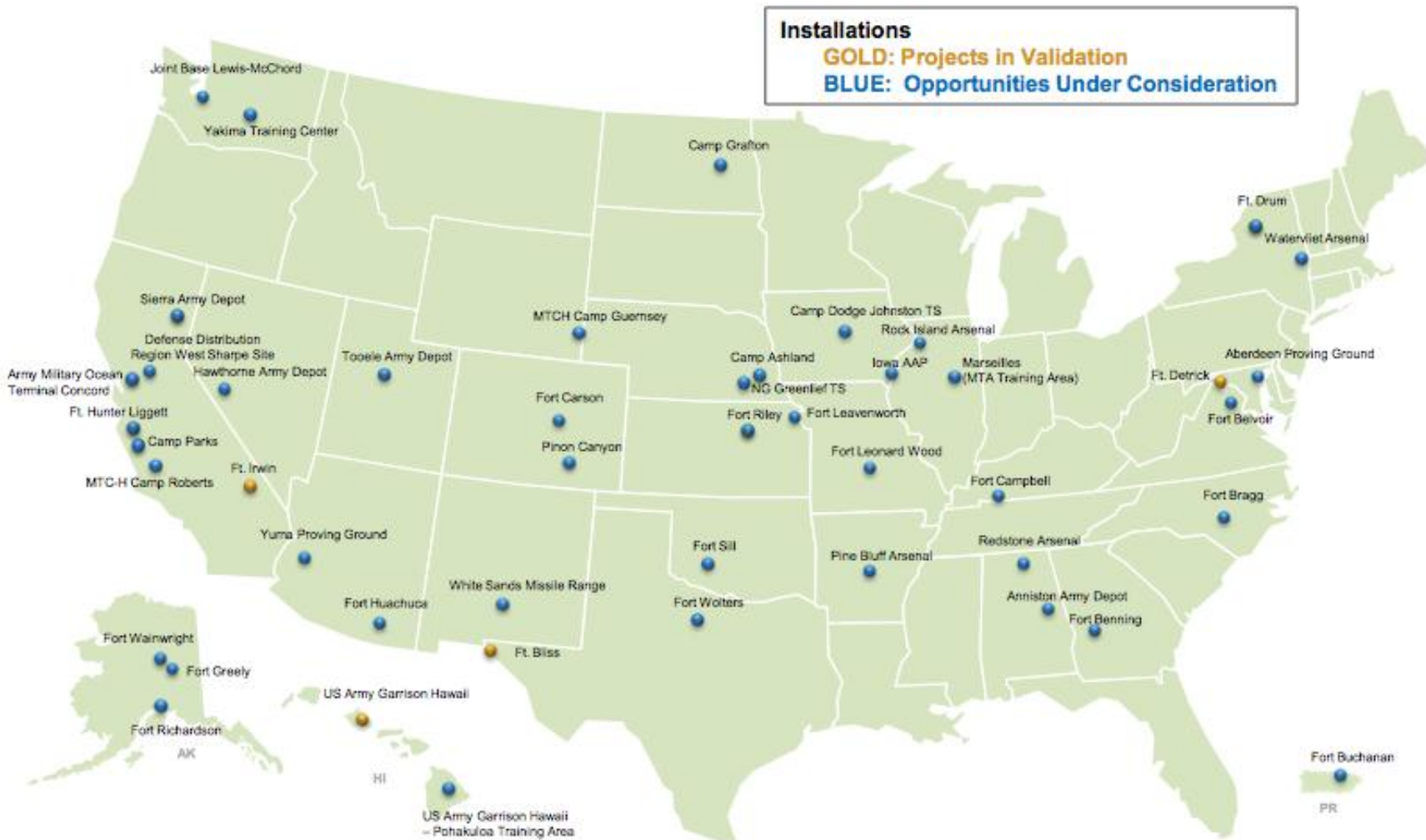
Joint United States Army & United States Air Force

RENEWABLE ENERGY Industry Day

June 12, 2012 Crystal Gateway Marriott | Arlington, VA



Large-Scale Renewable Energy Opportunities



RENEWABLE ENERGY AND NET ZERO TECHNOLOGIES AT FORT BLISS IN TEXAS

- Army Forces Command
- RFP – August 2012
- Value \$1.5B
- Contract Type: TBD



Areas of Focus:

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

AEC Facilities Repair and Renewal (FRR)

- US Army Corps of Engineers
- RFP – Sept 2012
- \$490M
- Full and Open, Multiple Award
- Facility Repair
- Renovation
- Conversion
- Alteration
- Addition
- Construction
- Equipment Procurement/Installation
- Maintenance Services

Army Corps of Engineers

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).



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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®

Metering systems approved for network use

By James Campbell
Public Affairs Office

Huntsville Center has four configurations of advanced power meters approved for use by the U.S. Army Network Command as of June 1.

The Enterprise Energy Data Reporting System received notice May 23 that systems from Honeywell Inc., of Morristown, N.J., and Tridium Inc., of Richmond, Va., were approved as network-worthy, joining configurations from Johnson Controls Inc., of Huntsville, Ala., and Quark Communications, Inc., of Cardiff, Calif., said John Trudell, Huntsville Center Meter Data Management

The certification allows Energy Managers, Departments of Public Works and other facility managers to continue toward their mandate to record and report energy use, Trudell said.

Thousands of advanced metering systems have been installed across the Army since 2008 and many are reporting locally. The more complex task of certifying these systems to work across the service's enterprise network will eventually allow for Army-wide



This meter, installed at a facility on Redstone Arsenal in 2009, provides customers with a centralized view of energy and water consumption, energy efficiency and energy management.

reporting and diagnostics, Trudell said. Recent developments include an urgent push for network certification from an Army Executive Order in 2011 that directs existing, Army-wide metering efforts to continue and earn network certification and identifies U.S. Army Corps of Engineers as the program manager.

The Army Central Meter Program

aims to meet requirements of the Energy Policy Act of 2005 and Energy Independence and Security Act of 2007 by providing customers with a centralized view of energy and water consumption, energy efficiency and energy management.

Testing of two other configurations is expected to finish this year, with one in August and the other in October.

- Huntsville Center is responsible for managing the execution of the Army Metering Program
- It is estimated that 12,200 electric meters will be required for the Army to meet the congressionally mandated requirements.
- To date, Huntsville Center's metering program has installed more than 8,000 electric and 3,000 natural gas meters at 48 major installations.

- Army Corps of Engineers
Huntsville Center
- RFP – July 2013
- Value \$4.5B
- Contract Type: IDIQ
MATOC
- 6-10 Anticipated Awards

Areas of Focus:

- Engineering Plan
Development/Installation
- System Testing
- Facility Modification
- Security and Force
Protection
- Training
- System Maintenance
- After Action Reporting

- Navy
- Value \$25M
- RFP – December 2012
- SBSA
- Multiple Awards

Areas of Focus:

- Project Planning
- Design-and-Development
- Construction or Installation
- Commissioning
- Monitoring
- Operation-and-Maintenance
- Support
- Removal-and-Disposal

Navy

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