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U.S. Army IMCOM Southeast, Rayan Solutions and Wind Energy Corporation Announce Vertical Axis Wind Turbine Feasibility Demonstration

Project Aims to Demonstrate A Cost Effective Renewable Energy Resource in Moderate Wind Areas That's Safe and Non-disruptive to Mission Critical Activities and Wildlife

Fort Knox, Kentucky –U. S. Army IMCOM (Installation Management Command) Southeast Region announced today that it has entered into a partnership with Rayan Solutions of Clarksville, TN and Wind Energy Corporation, based in Elizabethtown, KY to measure the effective power output of a vertical axis wind turbine (VAWT), validate the projected low impact of the design with respect to bird and bat safety, and develop and communicate results of the business case and cost for use at other Department of Defense installations.

“The Department of Defense is seeking to reduce its reliance on energy powered by fossil fuels and we are looking for real solutions to high energy costs and air pollution. We have mandatory regulations requiring Army sites to move away from the uncertainty caused by our aging power grid, our dependency on foreign oil, and the lack of service for our remote areas,” said Kristen Thomas, Principal Investigator for IMCOM Southeast Region. “We realize that “Big Wind” is not a solution inside most areas of our military footprint and this demonstration provides the opportunity to evaluate a solution that can begin to address energy independence to single DoD facilities as well as neighborhoods on military installations.”

The \$418K contract spans three years beginning in the spring of 2009 concluding in December 2011. Of the 238 written proposals nationwide, only 63 finalists were selected to present to a selection panel in Washington D.C. in August. Of those 63, the Fort Knox Wind Turbine project was among 32 elite projects nationwide securing funding. The demonstration will be funded by the Environmental Security Technology Certification Program (ESTCP) and the Energy Conservation Investment Program (ECIP) within the Department of Defense.

“We will work closely with Fort Knox and surrounding communities to study local power solutions that can bring power where it's needed, when it's needed,” said Mason Crawford, Director of Community Services for Rayan Solutions, which will take the lead on this project. “We believe that this demonstration will create increased awareness and acceptance of

renewable power production and motivation to conserve existing energy use. We also think it's important to engage local schools and expose students to the green jobs of the future.”

The completed IMCOM turbine demonstration will provide Wind Energy Corporation with the opportunity to increase energy security using a renewable source at Department of Defense installations without high-wind profiles. A successful demonstration will yield a product performance calculator, developed by Rayan Solutions, that will predict power output given any geographic location for an Army installation globally.

This project will validate our wind turbine for integration into Department of Defense renewable energy projects and we are very excited about this opportunity to work with IMCOM Southeast,” said James Fugitte, chairman and CEO, Wind Energy Corporation. “This project will provide the basis for the economic and environmental feasibility of our wind turbines in military locations currently considered unsuitable for large-scale wind turbines.”

About IMCOM- Southeast Region

The mission of the U.S. Army Installation Management Command Southeast Region (IMCOM-SE) is to provide the Army the installation capabilities and services to support expeditionary operations in a time of persistent conflict, and to provide a quality of life for Soldiers and Families commensurate with their service. IMCOM-SE was established 1 October 2002. It is currently one of the six Installation Management Command's regional offices worldwide, which oversees all facets of installation management, including construction, family care, food management, environmental programs, well-being, logistics public works and installation funding. IMCOM-SE meets a number of objectives such as: implementing a standardization process so that Soldiers and families can count on quality, consistent, uniform services at all installations; streamlining how installations receive money and ensure installation funds are used for installation services (as opposed to combat training or other missions); relieving warfighters and mission commanders of installation-related tasks so that they can focus on combat training and tactical-related issues; and supporting mission-readiness and execution.

About Rayan Solutions

Based in Clarksville, TN, Rayan Solutions believes the future of our economy depends on local power solutions – allowing communities everywhere to generate and consume power where they need it, when they need it, and at a cost they can afford. The company focuses on clean energy technologies that create the best financial returns – usually solar and wind power – giving businesses the tools they need to fight rising energy costs, create long-term stability, improve predictability in power supply, and reduce energy expenses. Rayan participated in the creation of President-elect Obama's 100 Day Sustainability Plan, and other partnerships including The Global Alliance, the Presidential Climate Action Project, The Climate Project. For more information about the company, please visit www.rayansolutions.com.

About Wind Energy Corporation

Headquartered in Elizabethtown, Kentucky Wind Energy Corporation is a pioneer of wind harvesting solutions for the untapped commercial and community market. The company's ambitious and innovative culture is at the heart of its success. Wind Energy's groundbreaking research gathering highly detailed wind speed and gust data is enabling applications and sites never before considered. The unique wind sail design of their turbines provides robust, scalable systems, allowing easy integration into customers' new or existing facilities. Wind Energy Corporation is a company where exceeding conventional expectations is the norm. www.windenergycorp.com.