



## **ROCKY RESEARCH AWARDED PHASE I SBIR FOR HEAT ACTUATED COOLING SYSTEM**

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### **Rocky Research Awarded Phase I SBIR for Heat Actuated Cooling System**

Boulder City, NV - Huntsville, AL (May 17, 2010) - Rocky Research, a leader in thermal and energy management solutions and provider of commercial, industrial, and military products has been awarded a Phase I SBIR for a Heat Actuated Cooling System by CECOM.

Heat loads in the Standard Integrated Command Post Shelter (SICPS) from electronics equipment and other sources are large and are increasing. Air conditioning using engine power or electricity further loads the electrical system and prohibits cooling of electronics without the engine running. Rocky Research's capability for developing fuel-fired cooling systems which can significantly unload the electrical system and permit electronics operation without the vehicle prime mover or an auxiliary power unit (APU) operating.

Rocky Research holds numerous patents related to thermal management technologies including variable speed controls and complex compound sorption technology supporting a broad range of markets from commercial HVAC to military applications. "The development of a fuel-fired cooling system will remove the heat from the shelter and reject it outside, thereby dramatically reducing the electric load" stated Kaveh Khalili Rocky Research's Director of Science & Technology

#### **About Rocky Research**

Rocky Research has a long history of solving thermal problems across an incredibly broad range of commercial, industrial, and defense applications. With facilities in Boulder City, Nevada, and Huntsville, Alabama, Rocky Research is home to a dedicated group of scientists, engineers, technicians and support personnel. The Boulder City facility offers prototype development, testing and analytical services. The Huntsville facility offers prototype assembly as well as production and integration of commercial, industrial, or military high-density electronic systems utilizing Rocky Research's advanced thermal management approaches and devices. To find out more, please visit [www.rockyresearch.com](http://www.rockyresearch.com).