

Technology Transfer Opportunity:

### **Hydrogen Fuel Cell Power Generator**

Sandia National Laboratories, a government-owned/contractor-operated entity, is seeking one or more business partners to aid in the development, application, and licensing of large-scale (50-150 kW) hydrogen fuel cell power generators. Sandia is seeking a company or companies to cooperatively develop and commercially produce the technology described in this posting. It is expected that the company/companies that work with Sandia to develop and demonstrate the prototype large-scale fuel cell power generator will further develop it into a commercial product.

Sandia National Laboratories has technological expertise in hydrogen and fuel cells and is working to develop and demonstrate a prototype 100 kW power generator as a diesel genset alternative. Such a generator will meet all emissions regulations and has the potential to save operation, maintenance, and fuel costs compared to traditional gensets. An integral part of the development process is finding interested and capable commercialization partners that will work alongside Sandia in the design, development, and demonstration of the prototype and, pending assessment of market feasibility, will actively work to further develop it and market it as a commercial product.

Potential partners must provide Sandia information describing their ability to design, develop, distribute, and market large fuel cell power generators. A primary market is expected to be as a clean alternative to 50-150 kW diesel gensets.

Expertise to be supplied by Sandia includes: fuel cell and hydrogen technology, safety, codes and standards, and system design.

To express interest in this opportunity, please respond by mail to Ed Noma at Sandia National Laboratories, MS 9052, 7011 East Avenue, Livermore, CA 94550, email [eynoma@sandia.gov](mailto:eynoma@sandia.gov), phone: 925.294.6848. Please indicate the date and title of the FBO notice. Include company and contact information as well as a description of how your company meets Sandia's criteria and could best contribute to the formation of a CRADA or WFO and subsequent commercialization of this technology. Sandia National Laboratories is a multi-program laboratory managed and operated by Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation, for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.