

<http://uscar.org>. The technology that has been selected by PNGV to attain the goals are hybrid electric propulsion, with direct injection engines, fuel cells, light-weight materials, along with advanced integrated power electronics. The goal is to develop one or more subsystem suppliers who will develop the next generation AEMD which will eventually be integrated with the Automotive Integrated Power Module (AIPM). The AIPM procurement activity is currently under the Department of Energy's Chicago Operations Office solicitation number DE-SC02-98EE5025. Applicants for the AEMD solicitation shall develop and demonstrate their innovation by using open architecture concepts that permit scalable power output capability, and low-cost manufacturing to meet automotive goals and requirements. Further, the selected applicant(s) shall participate with DOE and its automotive industry partners to demonstrate the system capabilities of the proposed AEMD. Independent of this solicitation, DOE plans to do a vehicle system validation of this technology. Those prototypes that are successful may be used to develop automotive engineering solutions for operation under extreme conditions. The AEMD specification was coordinated with the DOE AIPM Program, efforts of the Automotive Industry Partnership and the Institute of Electrical and Electronic Engineers (IEEE). Additional information can be found on the USCAR web site and the IEEE web site <http://stdsbbs.ieee.org/groups/1461>. System integration issues for the AEMD include delivery of complete full scale models incorporating the principles of design for manufacturing and means to update DOE existing cost analyses.

DATES: All applications for Solicitation Number: DE-SC08-99EE50569 should be received according to the solicitation's Due Date for Applications. This solicitation is expected to be released on or about March 12, 1999.

ADDRESSES: Applications should be sent to U.S. Department of Energy, Nevada Operations Office, Contracts Management Division, ATTN: Rosa M. Gomez, 232 Energy Way, N. Las Vegas, Nevada 89030.

FOR FURTHER INFORMATION CONTACT: All questions should be addressed to Rosa M. Gomez, Contracts Management Division, Telephone Number: (702) 295-4064, Fax Number: (702) 295-5305. A copy of the solicitation will be accessible via Internet: <http://www.nv.doe.gov/business/procurement/solicit.htm>. There will be no printed or hard copies of the Solicitation mailed. If

you do not have access to the Internet, there is a public reading room available for viewing the document at DOE/NV's facility in North Las Vegas, Nevada. Additionally, most public libraries have resources available to electronically access and download the Solicitation. **CAUTION:** This Solicitation will be issued electronically as well as any amendments thereto. Because of this, the Government is under no obligation and is in fact unable to maintain a COMPLETE bidders mailing list. It is therefore incumbent upon any interested parties to periodically access the above Internet address in order to obtain any amendments which may be issued. Failure to obtain any said amendments and to respond to them prior to the date and time set for receipt of applications may render your application nonresponsive and result in rejection of the same.

SUPPLEMENTARY INFORMATION: DOE anticipates that multiple agreements may result from this solicitation. Periods of performance may range from 24 to 36 months and total estimated DOE funds in the amount of \$6,000,000 are anticipated. Cost sharing requirements will be at least 50 percent of total estimated costs. Awards are subject to the availability of funds. The issuance of a solicitation will not obligate DOE to make any award(s). Any non-profit or for-profit organization, university of other institution of higher education, or non-federal agency or entity is eligible to apply. Federal laboratory participation will be limited to the Designated Scientific User Facilities, which are identified on the solicitation's web site stated above. The solicitation will provide further guidance in this area. Award(s) resulting from this solicitation will be subject to the requirements of the Energy Policy Act, which in general, requires that the awardee be a United States-owned company (including certain non-profits) or that the foreign country in which the parent company is located meets certain conditions of reciprocity in the treatment of investments, access to research and development programs, and protection of intellectual property. All responsible sources, as indicated above, may submit an application which will be considered by the Government. All interested organizations are invited to submit applications.

Issued in North Las Vegas, Nevada on February 8, 1999.

Kenneth W. Powers,

Head of Contracting Activity.

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DEPARTMENT OF ENERGY

Notice of Availability of Solicitation for Awards of Financial Assistance

AGENCY: Idaho Operations Office, DOE.

ACTION: Notice of availability of Solicitation Number DE-PS07-99ID13744—Geothermal Power Initiative.

SUMMARY: The U.S. Department of Energy (DOE) Idaho Operations Office (ID) is seeking applications for cost-shared research and development in the area of geothermal energy conversion technology. The research is to be directed toward the domestic use and development of new technologies that enhance the feasibility of generating electrical power from geothermal resources by lowering costs and/or improving performance. DOE funds will be used only to fund tasks directly related to the research and development of geothermal power plant technology. Tasks that support reservoir technology, exploration, or drilling will not be funded. Applications involving work in foreign countries will not be considered.

DATES: The deadlines for receipt of full applications are March 10, 1999, May 12, 1999, and August 11, 1999 at 3:00 p.m. MST.

ADDRESSES: Applications should be submitted to: Beth Dahl, Contract Specialist, Procurement Services Division, U.S. Department of Energy, Idaho Operations Office, 850 Energy Drive, Mail Stop 1221, Idaho Falls, Idaho 83401-1563.

FOR FURTHER INFORMATION CONTACT: Beth Dahl, Contract Specialist at dahlee@id.doe.gov, or Linda Hallum, Contracting Officer at hallumla@id.doe.gov.

SUPPLEMENTARY INFORMATION: DOE anticipates making up to 6 grant/cooperative agreement awards, each with duration of three years or less. The awardee is required to provide a minimum of 20% cost-share for the proposed activities. Federal funds presently available for this solicitation are \$1,100,000. Additional funds are subject to funding availability. Federal cost share of \$200,000 is preferred. For-profit, not-for-profit, state and local governments, Indian Tribes, and institutions of higher education may submit applications in response to this solicitation.

The statutory authorities for this program are the Geothermal Energy Research, Development and Demonstration Act of 1974 (Public Law 93-410) and the Energy Policy Act of 1992 (EPACT).

The issuance date of Solicitation Number DE-PS07-99ID13744 is on or about February 10, 1999. The solicitation is available in its full text via the Internet at the following address: <http://www.id.doe.gov/doi/PSD/proc-div.html>. Applications shall be submitted by 3:00 p.m. MST on March 10, 1999, May 12, 1999, and August 11, 1999. Technical and non-technical questions should be submitted in writing to Beth Dahl by facsimile at 208-526-5548 or by e-mail (dahlee@id.doe.gov) no later than February 17, 1999, April 1, 1999, and July 1, 1999.

Issued in Idaho Falls on February 10, 1999.

Michael L. Adams,

Acting Director, Procurement Services Division.

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DEPARTMENT OF ENERGY

Golden Field Office

Remote Applications of Renewable Power Technologies on Native American Lands

AGENCY: Office of Energy Efficiency and Renewable Energy, Golden Field Office, DOE.

ACTION: Notice of Supplemental Announcement (08) to the Broad Based Solicitation for Financial Assistance Applications Involving Research, Development and Demonstration for Renewable Energy and Energy Efficiency Technologies, DE-PS36-99GO10383.

SUMMARY: The U.S. Department of Energy (DOE), pursuant to the DOE Financial Assistance Rules, 10 CFR 600.8, is announcing its intention to solicit applications for Remote Applications of Renewable Power Technologies on Native American Lands. Financial assistance awards issued under this Supplemental Announcement will be cooperative agreements.

DATES: The solicitation will be issued on or about February 17, 1999.

ADDRESSES: Copies of the Solicitation once issued, can be obtained from the Golden Field Office Home page at <http://www.eren.doe.gov/golden/solicitations.html>. DOE will issue written copies of the solicitation upon request.

SUPPLEMENTARY INFORMATION: DOE is soliciting Applications to develop and field validate the use of renewable power systems on reservations or other tribally-owned lands for a variety of

applications. Eligible technologies include photovoltaics (PV), wind, biomass power, hydro, solar ponds, concentrating solar power, geothermal electricity generation, geothermal direct uses, ground-coupled heat pumps, and other renewable hybrid systems. Applications include, but are not limited to, the use of renewable power for: direct electrical generation; residential, commercial or industrial building uses; water pumping; crop drying and processing; or other small off-grid power systems. Successful applications should demonstrate the potential for job creation, market penetration of renewable power technology, replicability, and economic and environmental benefits including those specific to the participating tribe(s) or tribal members. Applicants must provide at least three years of operational information on the fielded systems and document system performance in a final report. DOE will only consider Applications that include, as an active partner, a Federally recognized Indian tribe or Alaskan Native Corporation on whose reservation or tribally-owned lands the system(s) will be located. Proposals under this solicitation must demonstrate viable opportunities for the development and field validation of renewable power applications on reservation(s) or tribally-owned land that are economical and environmentally viable. Successful applications shall demonstrate the potential for job creation, market penetration of renewable power technology, replicability, and economic and environmental benefits including those specific to the participating tribe(s) or tribal members. Applicants are encouraged, but not required, to form business relationships or collaborative arrangements with the U.S. renewable power industry, National Laboratories, the utility industry, and academic institutions to support the advancement of renewable power technology. The ability of the participants to design, install, validate, maintain, and operate the renewable power systems will be a major factor in selecting projects for award under this solicitation. During the project period, each partnership will design renewable power systems for specific application on reservation(s) or other tribally-owned lands; develop and implement education and training programs for tribal members; establish arrangements for system maintenance, operation, and monitoring; identify future opportunities for replication; and document system(s) performance and

potential enhancements, economic and environmental benefits, lessons learned during the project; and plans for future commercial development. An interim report documenting project accomplishments, lessons learned, and plans for system(s) monitoring will be required prior to the three year operational period. Awards under this Supplemental Announcement will be cooperative agreements with a term of up to five years including the three-year operational period. Subject to funding availability, the total DOE funding available for all technologies under this Supplemental Announcement will be approximately \$1,800,000. A minimum of \$300,000 will be awarded to wind energy projects due to sources of funding available. DOE anticipates selecting 10 to 20 applications for award under this Supplemental Announcement. A minimum cost share of 20% of total project costs is required from non-Federal sources in order to be considered for award under this solicitation, unless the applicant is a for-profit private sector institution, in which case a cost share of 50% of total project costs is required. Solicitation Number DE-PS36-99GO10383, in conjunction with this Supplemental Announcement 08, will include complete information on the program including technical aspects, funding, application preparation instructions, application evaluation criteria, and other factors that will be considered when selecting projects for funding. Issuance of the solicitation is planned for February 17, 1999, with responses due on May 18, 1999. A pre-application conference will be held March 8, 1999 from 2 pm to 5 pm Mountain Standard Time. The conference will be held at the Crown Plaza Hotel in Phoenix, AZ in conjunction with the "Reservation Economic Summit." Potential applicants are encouraged to submit questions prior to the pre-application conference. Questions should be submitted in writing to: John P. Motz, DOE Golden Field Office, 1617 Cole Boulevard, Golden, CO 80401-3393; transmitted via facsimile to John P. Motz at (303) 275-4788; or electronically to john_motz@nrel.gov. To confirm your participation in the pre-application conference, contact Amy Johnson at (303) 275-4716 or via facsimile at (303) 275-4788.

FOR FURTHER INFORMATION CONTACT: John Motz, Contract Specialist, at 303-275-4737, e-mail john_motz@nrel.gov, or Robert Martin, Project Officer, at 303-275-4763, e-mail robert_martin@nrel.gov.