

EMP field campaigns may also include the use of the DOE G-1 Research Aircraft Facility.

Educational Opportunities

Opportunities exist for the financial support of undergraduate and graduate students wishing to participate in this program through the Department of Energy's Global Change Education Program. Information can be obtained at <http://www.atmos.anl.gov/GCEP/> on the Internet.

Program Funding

It is anticipated that up to \$1 million in first-year funding will be available for multiple awards to be made in FY 1999 in the categories described above, contingent upon availability of appropriated funds. Applicants may request project support up to four years, with out-year support contingent on availability of appropriated funds, progress of the research, and programmatic needs. The number of awards and range of funding will depend on the number of applications received and selected for award. Annual budgets are expected to range from \$60,000 to \$200,000 in total costs. Awards are expected to be made in the summer of 1999.

Applications

Applications will be subjected to scientific merit review (peer review) and will be evaluated against the following evaluation criteria listed in descending order of importance as codified at 10 CFR 605.10(d):

1. Scientific and/or Technical Merit of the Project,
2. Appropriateness of the Proposed Method or Approach,
3. Competency of Applicant's Personnel and Adequacy of Proposed Resources,
4. Reasonableness and Appropriateness of the Proposed Budget.

The evaluation will include program policy factors such as the relevance of the proposed research to the terms of the announcement and an agency's programmatic needs. Note, that external peer reviewers are selected with regard to both their scientific expertise and the absence of conflict-of-interest issues. Non-federal reviewers will often be used, and submission of an application constitutes agreement that this is acceptable to the investigator(s) and the submitting institution.

Information about the development and submission of applications, eligibility, limitations, evaluation, selection process, and other policies and procedures may be found in 10 CFR Part

605, and in the Application Guide for the Office of Energy Research Financial Assistance Program. Electronic access to the Guide and required forms is made available via the World Wide Web at <http://www.er.doe.gov/production/grants/grants.html>. The research project description must be 15 pages or less, exclusive of attachments and must contain an abstract or summary of the proposed research. On the SC grant face page, form DOE F 4650.2, in block 15, also provide the PI's phone number, fax number, and E-mail address. Attachments include curriculum vitae, a listing of all current and pending federal support, and letters of intent when collaborations are part of the proposed research.

Although the required original and seven copies of the application must be submitted, researchers are asked to submit an electronic version of their abstract of the proposed research in ASCII format and their E-mail address to the Program Director for Atmospheric Sciences, Peter Lunn, by E-mail to peter.lunn@oer.doe.gov. Curriculum vitae should be submitted in a form similar to that of NIH or NSF (two to three pages), see for example: <http://www.nsf.gov:80/bfa/cpo/gpg/fkit.htm#forms-9>.

The Catalog of Federal Domestic Assistance Number for this program is 81.049, and the solicitation control number is ERFAP 10 CFR Part 605.

Issued in Washington, DC, on December 11, 1998.

John Rodney Clark,

Associate Director of Science for Resource Management.

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DEPARTMENT OF ENERGY

Office of Energy Efficiency and Renewable Energy

Golden Field Office; PV Balance of System Reliability Analysis

AGENCY: Golden Field Office, DOE.

ACTION: Notice. PV Balance of System Reliability Analysis: Supplemental Announcement (05) to the Broad Based Solicitation for Submission of Financial Assistance Applications Involving Research, Development, and Demonstration for Renewable Energy and Energy Efficiency Technologies, DE-PS36-99GO10383.

SUMMARY: The Photovoltaic (PV) Division of the Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) is supporting

the issuance of this Supplemental Announcement to EERE's Broad Based Solicitation for Submission of Financial Assistance Applications Involving Research, Development and Demonstration, DE-PS36-99GO10383, dated November 9, 1998. Under the Supplemental Announcement, DOE is soliciting applications to analyze the U.S. Navy's Power Electronic Building Block (PEBB) technology to determine if it is a viable option for PV applications and, if so, establish a set of recommendations how to transfer this technology to the PV industry. Proposals are requested to conduct an assessment and analysis of power integrated circuits/ PEBB devices for PV Balance of System (BOS) applications. The work will include assessments of the applicability, availability, and compatibility of the power integrated circuits to insure that the devices developed in the PEBB program may also be suited for BOS PV power conditioner applications with minimal modifications. Awards under this Supplemental Announcement will be Grants with a term of up to 12 months. Subject to funding availability, the total DOE funding available under this Supplemental Announcement will be \$75,000.

All information regarding the Supplemental Announcement will be posted on the DOE Golden Field Office Home page at the address identified below.

DATES: DOE expects to issue the Supplemental Announcement the week of December 7, 1998. The closing date of the Supplemental Announcement is January 15, 1999.

ADDRESSES: The Supplemental Announcement will be posted on the DOE Golden Field Office Home Page at <http://www.eren.doe.gov/golden/solicit.htm>. It is DOE's intention not to issue hard copies of the Supplemental Announcement.

FOR FURTHER INFORMATION CONTACT: John Motz, Contract Specialist, at 303-275-4737, e-mail john_motz@nrel.gov, or Doug Hooker, Project Officer, at 303-275-4780, e-mail doug_hooker@nrel.gov.

Issued in Golden, Colorado, on December 9, 1998.

Dated: December 14, 1998.

John W. Meeker,

Chief, Procurement, Golden Field Office.

Dated: December 14, 1998.

John K. Lewis,

Procurement Analyst.

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