

Office of Science
Notice DE-FG01-05ER05-04

*Experimental Program
to Stimulate Competitive Research (EPSCoR); Building
EPSCoR-State/National Laboratory Partnerships*

Department of Energy

Office of Science Financial Assistance Program Notice DE-FG01-05ER05-04; Experimental Program to Stimulate Competitive Research (EPSCoR); Building EPSCoR-State/National Laboratory Partnerships

AGENCY: U.S. Department of Energy

ACTION: Notice inviting grant applications.

SUMMARY: The Office of Basic Energy Sciences (BES) of the Office of Science (SC), U.S. Department of Energy (DOE), in keeping with its energy-related mission to assist in strengthening the Nation's scientific research enterprise through the support of basic science, engineering, and mathematics, announces its interest in receiving grant applications for collaborative partnerships between academic or industrial researchers from states eligible for the DOE/EPSCoR program and researchers at DOE's National Laboratories, facilities, and centers. The purpose of the DOE/EPSCoR program is to enhance the capability of designated states to conduct nationally competitive energy-related research and to develop science and engineering manpower in energy-related areas to meet current and future needs. The purpose of this program notice is to initiate and promote partnering and collaborative relationships that build beneficial energy-related research programs with strong participation by students, postdoctoral fellows, and young faculty from EPSCoR states.

DATES: Potential applicants are **required** to submit a brief preapplication. All preapplications, referencing Program Notice DE-FG01-05ER05-04, must be received by April 12, 2005, (preapplications received after this date will not be considered). A response to the preapplications encouraging or discouraging a formal application will be communicated to the applicant within approximately six weeks of receipt.

To permit timely consideration for award in Fiscal Year 2006, formal applications submitted in response to this notice must be received by July 6, 2005, 4:30 p.m. Eastern Time, (formal applications received after this date will not be considered).

ADDRESSES: All preapplications, referencing Program Notice DE-FG01-05ER05-04, should be addressed to Dr. Matesh N. Varma, and should be sent as PDF file attachments via e-mail to: EPSCoR@Science.doe.gov with "Program Notice DE-FG01-05ER05-04" and the Collaborating Laboratory in the subject line. No Fax or mail submission of preapplications will be considered.

After receiving notification from DOE concerning successful preapplications, applicants may prepare formal applications. No other formal applications will be considered.

Formal applications referencing Program Notice DE-FG01-05ER05-04, must be sent electronically by an authorized institutional business official through DOE's Industry Interactive Procurement System (IIPS) at: <http://e-center.doe.gov> (see also <http://www.science.doe.gov/grants/>). IIPS provides for the posting of solicitations and receipt of applications in a paperless environment via the Internet. In order to submit applications through IIPS your business official will need to register at the IIPS website. **IIPS offers the option of using multiple files, please limit submissions to one volume and one file if possible, with a maximum of no more than four PDF files.** The Office of Science will include attachments as part of this notice that provide the appropriate forms in PDF fillable format that are to be submitted through IIPS. Color images should be submitted in IIPS as a separate file in PDF format and identified as such. These images should be kept to a minimum due to the limitations of reproducing them. They should be numbered and referred to in the body of the technical scientific grant application as Color image 1, Color image 2, etc. Questions regarding the operation of IIPS may be e-mailed to the IIPS help desk at: HelpDesk@pr.doe.gov or you may call the help desk at (800) 683-0751. Further information on the use of IIPS by the Office of Science is available at: <http://www.science.doe.gov/grants/>.

If you are unable to submit an application through IIPS, please contact the Grants and Contracts Division, Office of Science at: (301) 903-5212 or (301) 903-3064, in order to gain assistance for submission through IIPS or to receive special approval and instructions on how to submit printed applications.

FOR FURTHER INFORMATION CONTACT: Dr. Matesh N. Varma, DOE/EPSCoR Program Manager, Division of Materials Sciences and Engineering, SC-132/Germantown Building, Office of Science, U.S. Department of Energy, 1000 Independence Avenue, SW, Washington, D.C. 20585-1290. Telephone: (301) 903-3209; Fax: (301) 903-9513; E-Mail: matesh.varma@science.doe.gov.

SUPPLEMENTARY INFORMATION: To continue to enhance the competitiveness of states and territories identified for participation in the Experimental Program to Stimulate Competitive Research (EPSCoR), DOE encourages the formation of partnerships between academic and industrial researchers in EPSCoR states and the researchers at DOE's National Laboratories, facilities and centers in scientific areas supported by DOE's Office of Science. These collaborations should address areas of research of current interest to the Department. Undergraduate and graduate students, postdoctoral fellows, and young faculty must be active members of the research team, and it is encouraged that these investigators spend a summer or significant time during the academic year at a National Laboratory, facility, or center. It is also encouraged that collaborating scientists from the National Laboratories visit collaborating EPSCoR state faculty for exchange of scientific ideas and fostering active collaboration. Subcontracting arrangements with DOE National Laboratories will not be permitted. DOE eligible states and territories for the EPSCoR program are: Alaska, Alabama, Arkansas, Delaware, Hawaii, Idaho, Kansas, Kentucky, Louisiana, Maine, Mississippi, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, South Carolina, South Dakota, Tennessee,

Vermont, West Virginia, Wyoming, and the Commonwealth of Puerto Rico, and US Virgin Islands.

Program Funding

It is anticipated that approximately \$1,200,000 will be available in Fiscal Year 2006, for research that encourages and facilitates collaborative efforts between researchers from EPSCoR states and researchers at DOE's National Laboratories, facilities, and centers. Multiple-year funding of grant awards is expected subject to satisfactory progress of the research, the availability of funds, and evidence of substantial interactions between the EPSCoR researchers and the National Laboratory partner. Awards are expected to range up to a maximum of \$150,000 annually with terms up to three years. The number of awards and range of funding will depend on the number of applications received and selected for award. Minimum cost sharing in the amount of 10% of the DOE share of the total budget is required from non-federal sources; e.g., DOE \$150,000/year and Recipient \$15,000/year. All DOE/EPSCoR award funds will be provided to the recipient organization within the EPSCoR state for the purpose of supporting activities in the EPSCoR state and may include travel and lodging, faculty or student stipends, materials, services, and equipment.

Applications

To minimize undue effort on the part of applicants and reviewers, interested parties must submit preapplications. Only one application per individual is permitted, and individuals currently receiving DOE EPSCoR or DOE funds are not eligible to apply. The preapplications will be evaluated relative to the scope and research needs of the Department of Energy. The brief preapplication must consist of: (1) one to two pages of narrative describing the research objectives and methods of accomplishment, (2) a letter from the appropriate state EPSCoR coordinator endorsing the preapplication, and (3) a letter of intent from the DOE National Laboratory researcher confirming willingness to collaborate on the project. The preapplications will be grouped according to programmatic areas of interest to the DOE and will be reviewed by DOE laboratory management to determine the priority of the proposed research. The preapplications will also be reviewed by the DOE relevant programmatic research area program manager. DOE program managers will be asked to rank EPSCoR preapplications by program priority. DOE program managers will be asked for their willingness to provide co-funding if a project is selected for approval. Based on this review, DOE/EPSCoR management will recommend formal submission of applications to the Department. A telephone number, facsimile number, and e-mail address are required parts of the preapplication. Instructions regarding the contents of a preapplication and other preapplication guidelines can be found on the SC Grants and Contracts Web Site at: <http://www.science.doe.gov/grants/preapp.html> and <http://www.science.doe.gov/bes/EPSCoR/APPL11.htm>. DOE is under no obligation to pay for any costs associated with the preparation or submission of applications if an award is not made. In addition to the project description, all preapplications and formal applications must include the following information:

- 1) Applications should explain the relevance of the proposed research to the agency's programmatic needs. On the cover page, applicants should specify the relevant DOE technical

program office, the name of the program manager (this is not the EPSCoR program manager), his/her telephone number and E-mail address. DOE program descriptions and the contact person information may be accessed via the web at: <http://www.doe.gov>.

2) Applications must demonstrate clear evidence of collaborative intent, including a delineation of each partner's role and contribution to the research effort as well as a "Letter-of- Intent" from the participating DOE National Laboratory, facility, or center.

3) Applications must explain the individual value to both the EPSCoR and the National Laboratory partners. There should be clear objectives, not necessarily the same, for each partner.

Merit Review

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 Part 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 and priority. 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.

Applications received by SC under its current competitive application mechanisms that meet the criteria outlined in this Notice may also be deemed appropriate for consideration under this announcement and may be funded under this program.

General information about the development and submission of preapplications, applications, eligibility, limitations, evaluation and selection processes, and other policies and procedures are contained in the Application Guide for the Office of Science Financial Assistance Program and 10 CFR Part 605. Electronic access to the latest version of SC's Application Guide is possible via the Internet at the following web address: <http://www.science.doe.gov/grants/>. Additional information regarding format, preparation and specific requirements for this program may be found at the following web address: <http://www.science.doe.gov/bes/EPSCoR/APPLI1.HTM> which takes precedence.

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

Martin Rubinstein
Grants and Contracts Division
Office of Science

Posted on the Office of Science Grants and Contracts Web Site
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