



WVEPSCoR
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EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH

TO: West Virginia Researchers
FROM: Paul L. Hill, WVEPSCoR Executive Director
DATE: January 10, 2005
REF: DOE EPSCoR State Implementation Grant Program

DOE EPSCoR has announced that West Virginia is eligible to compete for a State Implementation Grant award, with proposals due on September 21, 2005. This program is described in Attachment 1.

The purpose of this memorandum is to provide information regarding the State Implementation Grant program and the schedule established by WVEPSCoR for submitting a proposal to DOE. DOE's State Implementation Grant is comparable to NSF's Research Infrastructure Improvement (RII) program and allows flexibility in the types of energy research selected for inclusion. The schedule is summarized in Attachment 2.

WVEPSCoR will accept preproposals from research teams for review to identify the one proposal DOE will accept from West Virginia for the Implementation Grant Program. Information regarding the selection process and format for preparing preproposals is presented in Attachments 3 and 4, respectively. The WVEPSCoR State Advisory Council will be the Selection Committee for this program. The Council will review preproposals submitted and will award the opportunity for preparing a full proposal to the team/research program which the Council believes has the best chance of being successful at the national level.

The Implementation Grant program provides funding from DOE for up to \$750,000 per year for up to three years, with a possibility of renewal for a similar three-year period. DOE EPSCoR requires matching at a ratio of 2:1 (DOE / Participant). Because of our interest in submitting a strong and successful proposal, WVEPSCoR will provide funding to meet the cost share requirements at a similar ratio of 2:1. For example, if the WV proposal requests \$750,000 per year from DOE, a cost share of \$375,000 per year will be required. Of the WV cost share amount, WVEPSCoR will provide up to \$250,000 per year and the proposing units will be expected to provide the remaining cost share of at least \$125,000 per year.

Richard Bajura, Director of DOE EPSCoR programs for WVEPSCoR has agreed to be a facilitator and mentor for research teams preparing preproposals. He has experience in preparing a winning proposal the last time West Virginia was eligible for this competition. He will not be a member of the Selection Committee. He has offered to lead informational meetings on the campuses of investigators if requested and to provide other general assistance to research teams. I encourage you to work with Dr. Bajura in organizing your preproposals for submission. His contact information is below.

I look forward to receiving your responses to this program opportunity.

Contact Information: Richard Bajura, Director
National Research Center for Coal and Energy
West Virginia University
Morgantown, WV 26506-6064
Phone: 304/293-2867 Extension 5401
Email: Bajura@wvu.edu

cc: R. Bajura
WVEPSCoR State Advisory Council
J. Taylor



Attachment 1

Office of Science
Notice DE-FG01-05ER05-03

Department of Energy
Experimental Program to Stimulate Competitive Research
(DOE/EPSCoR) Implementation Awards

Department of Energy

**Office of Science Financial Assistance Program Notice DE-FG01-05ER05-03;
Department of Energy Experimental Program to Stimulate Competitive Research
(DOE/EPSCoR) Implementation Awards**

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 science, engineering, and mathematics, announces its interest in receiving applications from eligible States for the support of the DOE/EPSCoR program. The purpose of the DOE/EPSCoR program is to enhance the capabilities of designated States to conduct nationally-competitive energy- related research and to develop science and engineering human resources in energy- related areas to meet current and future needs.

DATES: The deadline for receipt of formal applications is September 21, 2005, 4:30 p.m. Eastern Time, in order to be accepted for merit review and to permit timely consideration for award in Fiscal Year 2006. No application will be accepted after this deadline.

ADDRESSES: Formal applications referencing Program Notice DE-FG01-05ER05-03, 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, DC 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) by the National Science Foundation (NSF), DOE has decided to again restrict eligibility to the following states and territory: Alabama, Alaska, 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, the Commonwealth of Puerto Rico, and US Virgin Islands. An appropriate fiscal agent, acting on behalf of a state's EPSCoR Committee, may submit only one application in response to this program notice. Each application is restricted to one research "cluster." A cluster is defined as a group of scientists working on a common scientific theme. It is the DOE/EPSCoR program policy to limit the Research Implementation Awards to one active award per state. Therefore, only those EPSCoR states that have: (1) not received a previous DOE/EPSCoR Research Implementation Awards, (2) "graduated" their previously supported Research Implementation Awards research clusters, or (3) received final funding for their Research Implementation Awards in Fiscal Year 2005, are eligible to apply for Fiscal Year 2006 funding. Thus, only the following states are eligible to apply under this notice: Alaska, Arkansas, Delaware, Hawaii, Kansas, Kentucky, Maine, Mississippi, Nebraska, Nevada, New Mexico, North Dakota, South Dakota, Tennessee, Vermont, West Virginia, Wyoming, and US Virgin Islands. Awards issued under this Notice will provide funding for basic research, its coordination, and development of human resources in the state. The DOE/EPSCoR Research Implementation Awards should be used to improve the academic research infrastructure of key science and technology areas identified by the state's EPSCoR governing committee as critical to the development of state and institutional research and development capability. The state's strategy to develop and utilize the scientific and technological resources that reside in its research universities should be described in its DOE/EPSCoR Research Implementation Awards application.

In preparation for submitting an application, the EPSCoR governing committee within each state is expected to have undertaken a comprehensive analysis of the strengths, weaknesses, and opportunities for development of its research institutions in support of overall state research and development objectives. Successful infrastructure improvement plans are likely to be those which are focused on one energy-related research area and which candidly represent the opportunities for enhanced academic R&D competitiveness, including the acquisition of sustained non-EPSCoR support. Most important, the state's infrastructure improvement strategy must have a high probability of realizing stated goals and objectives as judged by members of a DOE merit review panel. In all instances, performance milestones and a timetable for achieving such milestones are prerequisites for EPSCoR support. Priority will be given to applications that propose to develop new research areas rather than those that propose to enhance or continue research areas that have previously been funded under EPSCoR. Applications proposing similar work funded under previous implementation will not be considered. The DOE/EPSCoR Research Implementation Awards are not appropriate mechanisms to provide support for individual faculty science and technology research projects.

Program Funding

Subject to Congressional authorization and approval of funds in Fiscal Year 2006, DOE anticipates an estimated \$2.0 million will be available for awards to fund collaborative research and human resource development in energy-related science and engineering disciplines. Approximately three awards are anticipated in Fiscal Year 2006, at a maximum award level of \$750,000 per year for a period of three years. EPSCoR funding will not be provided to the National Laboratories or non-designated EPSCoR states. Continuation funding for the awards will be contingent upon the availability of appropriated funds, progress of the research, and continuing program need. Renewal applications for implementation awards beyond the initial three-year period will be considered for an additional three years, subject to continuing meritorious performance and progress in the previous award periods, as well as the value added of the proposed effort and the availability of funds. As a tangible measure of an applicant's commitment to the objectives of the DOE/EPSCoR program, minimum cost sharing in the amount of 50% of the DOE share of the total budget is required from non-Federal sources, e.g., DOE \$750,000/year and Recipient \$375,000/year. Therefore, each application submitted requesting support from DOE under this Notice must provide, from non-Federal funds, an amount half or greater than the amount awarded by DOE.

Applications

The DOE/EPSCoR Research Implementation Awards are open to the entire range of energy-related disciplines supported by DOE. Additional information on the DOE Research Programs is available at the following website addresses:

Department of Energy (General Information):

<http://www.energy.gov/>

Office of Science:

<http://www.science.doe.gov/>

Basic Energy Sciences:

<http://www.science.doe.gov/feature/BES.htm>

Biological and Environmental Research:

<http://www.science.doe.gov/feature/BER.htm>

Advanced Scientific Computing Research:

<http://www.science.doe.gov/feature/ASCR.htm>

Fusion Energy Sciences:

<http://www.science.doe.gov/feature/fes.htm>

High Energy Physics:

<http://www.science.doe.gov/feature/HEP.htm>

Nuclear Physics:

<http://www.science.doe.gov/feature/NP.htm>

Office of Defense Programs:

<http://www.nnsa.doe.gov/>

Office of Energy Efficiency and Renewable Energy:

<http://www.eren.doe.gov/>

Office of Fossil Energy:

<http://www.fe.doe.gov/>

Office of Environmental Management:

<http://www.em.doe.gov/>

Office of Civilian Radioactive Waste Management:

<http://www.rw.doe.gov/>

Office of Nuclear Energy:

<http://www.ne.doe.gov/>

Merit Review

Applications will be subjected to formal scientific merit 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 the agency's programmatic needs.

Applications will also be reviewed by relevant program offices to determine the priority of research. Program offices will also be asked for their willingness to provide co-funding if a project is selected for approval. Note: 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. All projects will be evaluated using the same criteria, regardless of the submitting institution.

Applicants are strongly encouraged to collaborate with researchers in other institutions, such as universities, National Laboratories, industry, and nonprofit organizations. General information about the development and submission of applications, eligibility, limitations, evaluation, and selection processes, and other policies and procedures may be found in 10 CFR Part 605 and in the Application Guide for the Office of Science Financial Assistance Program. Electronic access to the Guide and required forms are available via the World Wide Web at: <http://www.science.doe.gov/grants/>. DOE is under no obligation to pay for any costs associated with the preparation or submission of applications if an award is not made.

Specific guidance for the preparation of the DOE/EPSCoR Research Implementation applications may be found in the "Supplemental Information Guidelines" at website: <http://www.science.doe.gov/bes/EPSCoR/APPLI1.htm>. Because of program specific information required and the overall complexity of the applications, the format and guidance included in the "Supplemental Information Guidelines" supersedes that of the general instructions for the preparation of an application to the Office of Science.

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
October 18, 2004.

Attachment 2

Schedule for Preproposal Review, Selection, and Proposal Submission

<u>Scheduled Date</u>	<u>Activity</u>
January 10, 2005	Distribute notice about DOE EPSCoR Implementation Grant to WV Colleges and Universities through WVEPSCoR Office
March 23, 2005	Preproposals due to WVEPSCoR Office in electronic format and 10 paper copies
May 4, 2005	Announce preproposal selected for preparation of a full proposal for submission to DOE
July 21, 2005	Research team presents a complete draft of their proposal to WVEPSCoR for internal and external review
August 23, 2005	WVEPSCoR provides feedback to research team concerning possible revisions to the proposal
September 9, 2005	Research team submits Final Draft to WVEPSCoR for review and approval
September 16, 2005	Submission of completed proposal to DOE electronically via Industry Interactive Procurement System
September 21, 2005	Final date for submission of proposal to DOE by 4:30 PM

Attachment 3

Selected List of DOE EPSCoR Implementation Grant Criteria (from Office of Science Notice DE-FG01-05ER05-03)

and

Evaluation Considerations to be Used by WVEPSCoR in Selecting West Virginia's Research Cluster for Submission to DOE

The following information is provided to assist research teams in the preparation of preproposals for review by the WVEPSCoR Selection Committee. Readers are urged to refer to Program Notice 05-03 [Attachment 1] and the DOE website <http://www.science.doe.gov/EPSCoR/appli1.htm> for additional information about the State Implementation Grant Awards program.

The first part of this attachment consists of selected excerpts from Attachment 1, the DOE Announcement, which highlight important considerations to be used by the DOE EPSCoR Office in making selections for awards. This information will be considered by the WVEPSCoR Selection Committee in its deliberations to select a research cluster for submission to the DOE. Additional information regarding criteria to be used by the WVEPSCoR Selection Committee for evaluating preproposals is presented in the second part of this attachment.

Part 1

Selected List of DOE EPSCoR Implementation Grant Criteria

1. Each application is restricted to one research "cluster." A cluster is defined as a group of scientists working on a common scientific theme.
2. Awards issued under this Notice will provide funding for basic research, its coordination, and development of human resources in the state. The DOE/EPSCoR Research Implementation Awards should be used to improve the academic research infrastructure of key science and technology areas identified by the state's EPSCoR governing committee as critical to the development of state and institutional research and development capability.[see <http://www.wv.gov/WestVirginiaEnergyRoadmap08-20-02.pdf>]
3. Successful infrastructure improvement plans are likely to be those which are focused on one energy-related research area and which candidly represent the opportunities for enhanced academic R&D competitiveness, including the acquisition of sustained non-EPSCoR support.

4. Most important, the state's infrastructure improvement strategy must have a high probability of realizing stated goals and objectives as judged by members of a DOE merit review panel. In all instances, performance milestones and a timetable for achieving such milestones are prerequisites for EPSCoR support.
5. Priority will be given to applications that propose to develop new research areas rather than those that propose to enhance or continue research areas that have previously been funded under EPSCoR. Applications proposing similar work funded under previous implementation [grants]¹ will not be considered. The DOE/EPSCoR Research Implementation Awards are not appropriate mechanisms to provide support for individual faculty science and technology research projects.
6. As a tangible measure of an applicant's commitment to the objectives of the DOE/EPSCoR program, minimum cost sharing in the amount of 50% of the DOE share of the total budget is required from non-Federal sources, e.g., DOE \$750,000/year and Recipient \$375,000/year. Therefore, each application submitted requesting support from DOE under this Notice must provide, from non-Federal funds, an amount half or greater than the amount awarded by DOE.
7. Applications will be subjected to formal scientific merit review and will be evaluated against the following evaluation criteria listed in descending order of importance as codified at 10 CFR 605.10(d).
 - A. Scientific and/or Technical Merit of the Project.
 - B. Appropriateness of the Proposed Method or Approach.
 - C. Competency of Applicant's Personnel and Adequacy of Proposed Resources.
 - D. Reasonableness and Appropriateness of the Proposed Budget.
8. DOE Program offices will also be asked for their willingness to provide co-funding if a project is selected for approval.
9. Applicants are strongly encouraged to collaborate with researchers in other institutions, such as universities, National Laboratories, industry, and nonprofit organizations.

¹ The word "grants" may have been omitted in advertently from the original document

Part 2

Evaluation Considerations to be Used by WVEPSCoR in Selecting West Virginia's Research Cluster for Submission to DOE

The WVEPSCoR Selection Committee [hereafter called the Committee] will consider a number of factors in deciding which preproposal to select for submission as West Virginia's proposal to the Implementation Grant Program. The criteria to be used by the Committee will consider DOE factors as listed in Part 1 above in addition to criteria developed by the Committee. The information listed below is not presented in any priority order, nor are the entries necessarily weighted equally. Reference will be made to DOE criteria listed in Part 1 above by identifying the number of the bullet.

Information to be Included in Preproposals

In addition to addressing DOE criteria cited in Part 1, preproposals should include sufficient descriptive information related to the topics identified below:

A. Research Cluster - Each preproposal must identify a common scientific theme [Bullet #1]. A cluster may have identifiable tasks with different team members participating in each task. However, the tasks should be clearly connected around the central theme. Inclusion of participants from other departments, colleges, and / or institutions in West Virginia is encouraged. Collaboration with colleagues in other units as identified in Bullet #9 is also encouraged. However, the focus must be on developing energy research capability in West Virginia [Bullet #2].

B. Basic Research [Bullet #2] - The research proposed must meet the definition of basic research as described in US DOE Office of Science programs or be classifiable as advanced research as described in the programs of other DOE Offices [e.g., the Advanced Research Program of the Office of Fossil Energy]. Demonstration projects, testing programs, and pilot plant development projects, for example, are not likely to be supported under this program.

C. Relevance and Viability of Proposed Research [Bullets #2 , #3, and #8] - Proposers should identify, from their point of view, how their proposed research is important to meeting state and institutional goals for developing energy research capability in West Virginia.

Proposers should include descriptions of how their research fits into national or other scenarios for energy research such that future funding opportunities would exist once the DOE funding is completed. Proposers should also include discussion of opportunities for additional funding which might be pursued by the research team while working on the DOE program.

The DOE EPSCoR Office will ask other units in DOE to provide cost-sharing support for the awards to meet the DOE commitment for funding since the Office of Science EPSCoR program does not provide all the funding from its own research accounts. For example, if a project were to be focused on a nuclear power topic, then the Office of Science would likely ask the Office of Nuclear Energy, Science, and Technology to provide some support. Even if the project were to be a topic falling under the programs of the Office of Science, the DOE EPSCoR Office will seek out the relevant unit in Science to provide cost sharing support.

Therefore, proposers should describe how their research would be of interest to a research unit in DOE such that the unit might provide some financial support for the program if your proposal were selected for funding under the Implementation Grant program. These units may also be asked by the DOE EPSCoR Office to review your proposal. Establishing contacts with potential collaborative units in DOE is recommended as part of the preproposal process. The Committee will expect the proposers to address this topic in their preproposals. WVEPSCoR's experience with the presently funded DOE State Implementation Grant program has shown that support from a relevant DOE program is essential to being awarded a State Implementation Grant.

D. State Infrastructure Improvement Strategy - The state strategy for energy [Bullets #2, #3, and #4] will be developed jointly by the WVEPSCoR State Advisory Council / WVEPSCoR Office and the winning preproposal team for inclusion in the proposal submitted to DOE. Therefore, researchers should focus their comments in the preproposal on their own research goals and milestones for a three year project, with reference to additional work which could be accomplished if the award were to be continued for an additional three years. Researchers should also offer perspectives related to their views of a state energy plan for consideration by the Committee in assessing the viability of their proposal under the DOE criteria. [See <http://www.wvgov.org/WestVirginiaEnergyRoadmap08-20-02.pdf>]

E. Cost Sharing - DOE will require cost sharing from the State at a rate of \$2 federal to \$1 non-federal. WVEPSCoR anticipates being able to provide part of the required match through Research Challenge Funds. However, some of the cost share must be provided by the institution.

WVEPSCoR will provide a maximum of \$250,000 in cost sharing to meet the State cost share requirement at a ratio of \$2 WVEPSCoR / \$1 Institution. Please note that WVEPSCoR cost share monies can not be used to pay indirect costs to the participating institutions. WVEPSCoR monies may be used to pay direct costs such as for faculty salaries, fringe benefits, equipment purchases, and materials.

If the institutional Facilities & Administrative cost rate [indirect cost rate] is 50%, for example, the entire institutional cost share could be met by contributing the indirect costs which would be associated with WVEPSCoR monies. Other institutional cost share may be obtained by granting student tuition waivers or from release time for participating faculty. WVEPSCoR is pleased to provide a significant amount of cost sharing to

promote the development of quality preproposals from institutions which may not otherwise have sufficient funds to meet the cost share requirements.

Note that cost sharing required under this item is a separate issue from the discussion in Item C above.

F. Reviewers and Review Process - Proposers should identify knowledgeable persons who could review their proposal and offer comments to the Committee. The list of potential reviewers should include persons who may already be working with you as a consultant to the project and others who are not connected directly with your work and who may act as unbiased reviewers. The Committee may choose to send preproposals out for external review as part of the selection process.

The Committee may invite selected preproposal teams to give verbal presentations about their proposal to assist in its selection of the winning preproposal.

The Committee will likely require that the proposal to be submitted from West Virginia undergo an outside review from a person who can provide a critical assessment of the proposal package and offer suggestions for improving the West Virginia's chances for funding.

Attachment 4

Instructions for Submission of Preproposal

Preproposals for the DOE EPSCoR State Implementation Grant program are due to WVEPSCoR by March 23, 2005. Proposers should submit an electronic copy in MS Word format and 10 paper copies to:

Dr. Paul L. Hill, Executive Director
WVEPSCoR
Attn: Competitive Research Programs
1018 Kanawha Boulevard E Suite 1101
Charleston WV 25301
304-558-4128 Voice
304-558-2321 FAX
info@wvepscor.org

Preproposals must be prepared using MS Word in New Times Roman 12 point font with 1 inch margins on regular 8.5 x 11 inch paper. Typing should be single spaced with lines skipped between paragraphs. Preproposals should contain information addressing the areas cited in Attachment 3 and other information relevant for evaluating the preproposal. As a minimum, preproposals should contain the following information:

- Section 1. Cover Page - See example at the end of this attachment; limit to one page
- Section 2. Executive Summary - One page limit
- Section 3. Description of Proposed Research - Five page limit, including, but not limited to:
 - Description of proposed research with figures, tables, and references, as applicable
 - Statements regarding relevance of program to DOE mission and potential funding offices in DOE (address both cost sharing support and opportunities for follow-on funding from government, industry, or other sponsors)
 - Relevance of the proposed research to the infrastructure improvement strategy and goals of the research team members, their respective units, and the State
 - Other criteria as described in Attachment 3
- Section 4. List of team members including name, department, institution, and areas of responsibility in proposed research - limit 10 lines per team member (see example at the end of this attachment)

- Section 5. List of potential reviewers with contact information and statements regarding whether or not you have contacted them regarding the proposal
- Section 6. Brief resume for each team member (limit to one half of a page per person, two resumes per page)
- Section 7. Summary budget for three years, including lumped breakdown for salaries, fringe benefits, travel, current expense, and equipment. Significant equipment purchases must be justified in Section 3 above. The source and nature of cost sharing should be clearly identified. Show DOE and cost share columns and overall totals on budget. See example at end of this attachment.

Each Section should begin on a new page.

Examples

Sample Cover Page

Title of Preproposal

Name and Contact Information for Principal Investigator

Participating Institutions (List)

Signature Block, including:

- PI signature
- Signatures of an institutional official from each participating institution. The institutional official should be at the level of the Director of Sponsored Programs or the Research Vice President for each institution (each institution will follow their own procedures for securing Co-PI, Chair, and Dean level signatures signifying agreement to participate in the proposed research).

Sample Team Member Information (limited to 10 lines, with each item started on a separate line)

Information Needed	Sample
Name of Investigator	John Johnson
Academic Rank or Title	Associate Professor
Department and Institution	Department of Chemistry, Fairmont State University
Phone and Internet Information	Phone: 304/555-1212 Internet: John.Johnson@mail.fsu.edu
Role in Proposed Research	<u>Role:</u> Lead team member on subtask to develop advanced energetic materials from cellulose feedstock; contributor to subtask on developing computational models for energetic materials.

Sample Budget

		Year 1							
		(Dollars in Thousands)							
Expense Item	Number	DOE	Cost Share	Total					
Salary and FB for Faculty	7	\$ 150	\$ 100	\$ 250	Cost Share is New Money for summer support from Department				
Salary and FB for Staff	2	\$ 30	\$ 20	\$ 50	Cost Share is release time from Department				
Salary and FB for Students	5	\$ 100	\$ 18	\$ 118	Cost Share is New Money for student support from Vice President				
Total		\$ 280	\$ 138	\$ 418					
Travel		\$ 30	\$ -	\$ 30					
Permanent Equipment		\$ 50	\$ 15	\$ 65	Cost Share is New Money from College				
Current Expense		\$ 50	\$ -	\$ 50					
Tuition Waivers		\$ -	\$ 60	\$ 60	Waivers granted by Institution				
Total Direct Costs		\$ 410	\$ 213	\$ 623					
Indirect Costs		\$ 170	\$ 78	\$ 248					
Total Costs		\$ 580	\$ 291	\$ 871					
(Repeat format for Years 2 and 3)									

End

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