

ADVANCED REACTOR, FUEL CYCLE, AND ENERGY PRODUCTS WORKSHOP FOR UNIVERSITIES

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FY 2007**

**Financial Assistance Funding Opportunity
Nuclear Energy Research Initiative for Consortia**

*Workshop for Universities
Hilton Hotel, Gaithersburg, MD
Preliminary*





PURPOSE

The DOE is seeking applications from university consortia

- ◆ **Advanced Fuel Cycle R&D Program/Global Nuclear Energy Partnership**
- ◆ **Generation IV Nuclear Energy Systems Initiative**
- ◆ **Nuclear Hydrogen Initiative**



PURPOSE

- ◆ **Integrate the Nation's universities into the DOE mainline nuclear R&D programs**
- ◆ **Contribute to assuring a new generation of engineers and scientists for the nuclear future**
- ◆ **Provide "Capabilities Support" to universities**



PURPOSE

- ◆ **Facilitate and encourage sharing of resources and facilities**
- ◆ **Upgrading and sharing of laboratory and reactor equipment**
- ◆ **Improved support to students**
- ◆ **Enhance synergies by partnering with non-traditional institutions**
- ◆ **Enhance quality and nature of student recruitment**



ELIGIBILITY

- ◆ **U.S. colleges and universities and State owned research institutions**
- ◆ **FFRDC contractors are eligible as a team member**
- ◆ **Maximum of 20% of total budget may be included for the FFRDC**
- ◆ **Projects involving the Advanced Test Reactor requires that investigators for the project are U.S. Citizens**



CONSORTIA

- ◆ **At least three U.S. universities and colleges**
- ◆ **Facilitate sharing resources and facilities**



EXPECTED FUNDING

- ◆ **Award grants**
- ◆ **Estimated funding \$10,000,000**
- ◆ **Ceiling \$2,500,000**
- ◆ **20% cost share**
- ◆ **3 to 5 consortium awards**
- ◆ **\$800,000 per year up to 3 years or 36 months**



FOA SCHEDULE

- | | |
|--------------------------|--------------------|
| ◆ Issue FOA | March 27, 2007 |
| ◆ Applications Due | May 23, 2007 |
| ◆ Selection Announcement | July 10, 2007 |
| ◆ Make Awards | September 30, 2007 |



FOA ANNOUNCEMENT

- ◆ **DOE e-center**
<http://e-center.doe.gov>
- ◆ **Grants.gov**
- ◆ **Office of Nuclear Energy (NE) web site**
<http://www.nuclear.gov>



APPLICATION INFORMATION

- ◆ **Letter of intent not required**
- ◆ **Pre-application not required**
- ◆ **New applications**
- ◆ **SF 424 (R&R) (Research and Related)**
- ◆ **R & R Other Project Information to include narrative that describes all consortia members' research and activities**
- ◆ **R & R Senior/Key Person to include Key participants from all consortia members**



APPLICATION INFORMATION

- ◆ **Prime consortia member use the Research and Related Budget form**
- ◆ **Non prime consortia members use the Budgets for Subawardees process**
- ◆ **Each consortia member must submit a budget form and justification if budget is \$100,000 or 50% of total work effort whichever is less**
- ◆ **Must be submitted through Grants.gov**



APPLICATION INFORMATION FORM SUMMARY

- ◆ **SF 424 (R&R)**
- ◆ **Research & Related Other Project Information**
 - Project Summary/Abstract
 - Project Narrative, including required appendices
 - Environmental Questionnaire
 - Project Management Plan
- ◆ **Research & Related Senior/Key Person**
 - Biographical Sketch
- ◆ **Research & Related Budget (Total Fed & non-Fed)**
 - Budget Justification
- ◆ **R&R Subaward Budget (Total Fed & non-Fed)**



QUESTIONS FOA

- ◆ **All questions must be submitted on IIPS the DOE e-Center**
- ◆ **Questions will NOT be answered over the phone**
- ◆ **Questions will NOT be answered via email**
- ◆ **Problems with submitting an application contact Grants.gov at 1-800-518-4726
support@grants.gov**



MERIT REVIEW CRITERIA

- ◆ **Technical quality of the proposed work (60%)**
- ◆ **Principle Investigator and use of fellowships (10%)**
- ◆ **Adequacy of resources and facilities (20%)**
- ◆ **Capabilities and support (10%)**



OTHER SELECTION FACTORS

- ◆ **Balanced portfolio of projects**
- ◆ **Development of consortium with participation from all members**
- ◆ **Commitment to supporting student recruitment and retention**



REPORTING REQUIREMENTS

- ◆ **Quarterly Progress Report**
- ◆ **Quarterly Financial Status Report**
- ◆ **Yearly Technical Progress Report for Publication to Congress**
- ◆ **Final Scientific/Technical Report**



QUESTIONS

- ◆ **Conference questions and answers will be posted on the IIPS DOE e-center by March 29, 2007**