

DEPARTMENT OF ENERGY**Office of Energy Efficiency and Renewable Energy**

[DE-PS36-01GO90000]

Financial Assistance Applications Involving Research, Development, and Demonstration; Hydrogen Technical Analysis

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

ACTION: Notice of request for financial assistance solicitation.

SUMMARY: The Hydrogen Program of the DOE Office of Energy Efficiency and Renewable Energy (EERE) is issuing a Supplemental Announcement (06) to the EERE Fiscal Year 2001 Broad Based Solicitation for Submission of Financial Assistance Applications Involving Research, Development and Demonstration, DE-PS36-01GO90000, dated November 27, 2000. Under this Supplemental Announcement 06, titled "Hydrogen Technical Analysis," DOE is seeking applications for technical analysis in two specific areas that can advance hydrogen production, storage, and utilization technologies. Analysis is requested in the areas of: (1) Gasification of certain materials followed by hydrogen production, and (2) hydrogen infrastructure development that may be enabled by the installation of fuel cells in federal buildings and in vehicles.

DATES: DOE expects to issue the Supplemental Announcement on February 07, 2001. The closing date of the Supplemental Announcement is March 21, 2001.

ADDRESSES: The Supplemental Announcement will be posted on the DOE Golden Field Office Home Page at <http://www.golden.doe.gov/businessopportunities.html> under "Solicitations".

FOR FURTHER INFORMATION CONTACT: Beth H. Dwyer, Contracting Officer, at Facsimile 303-275-4788 or e-mail Beth_Dwyer@nrel.gov.

SUPPLEMENTARY INFORMATION: DOE will undertake this effort under provisions of the Hydrogen Future Act of 1996, Public Law 104-271.

DOE anticipates selecting up to three Applications for negotiation toward an award under this Supplemental Announcement. Each award will be a Cooperative Agreement with a term of one or two calendar years (crossing up to three fiscal years), depending on the area of analysis, as described in the Supplemental Announcement. A

minimum cost share of 20% of the total project cost is required for an Application to be considered for award under this Supplemental Announcement. Subject to availability, the total DOE cost share contribution for all awards is anticipated to be up to \$200,000 in Fiscal Year 2001, \$400,000 in 2002, and \$200,000 in 2003. For each individual award, the maximum DOE cost share contribution is anticipated to be no more than \$150,000 per calendar year, or a total of \$300,000.

All information regarding the Supplemental Announcement will be posted on the DOE Golden Field Office Home page at the address identified in the **ADDRESSES** section of this notice.

Issued in Golden, Colorado on January 31, 2001.

Matthew A. Barron,

Contracting Officer, Golden Field Office.

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DEPARTMENT OF ENERGY**Office of Energy Efficiency and Renewable Energy****Superconductivity Program for Electric Power Systems**

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

ACTION: Supplemental Announcement 05 to the Fiscal Year 2001 Broad Based Solicitation for Submission of Financial Assistance Applications Involving Research, Development and Demonstration for the Office of Energy Efficiency and Renewable Energy, DE-PS36-01GO90000.

SUMMARY: The U.S. Department of Energy, pursuant to the DOE Financial Assistance Rules, 10 CFR 600.8, is announcing its intention to solicit applications for the DOE Superconductivity Partnership Initiative (SPI) Program. The selected applicants will receive financial assistance under a cooperative agreement with DOE.

DATES: Supplemental Announcement 05 will be issued February 9, 2001.

ADDRESSES: To obtain a copy of Supplemental Announcement 05 once it is issued, interested parties must access the Golden Field Office Application, Award and Solicitation page at <http://www.golden.doe.gov/businessopportunities.html>, click on "solicitations" and then locate Supplemental Announcement 05. DOE does not intend to issue written copies of the Supplemental Announcement.

SUPPLEMENTARY INFORMATION: DOE Office of Energy Efficiency and Renewable Energy, (EERE) is pursuing, through the issuance of this Supplemental Announcement, the development of a wide range of electric power and industrial equipment, incorporating significant high temperature superconductive (HTS) components or sub-systems through its Superconductivity Program. A minimum cost share of 50% of the total project cost is required for an Application to be considered for award under this Supplemental Announcement. DOE intends that its industry partners will be vertically integrated teams composed of equipment manufacturers, HTS wire and coil suppliers, component suppliers, and end users (primarily utilities). Applicant teams may avail themselves of the technical expertise and capabilities of the DOE National Laboratories via a Cooperative Research and Development Agreement. A laboratory could contribute specialized capabilities, facilities, or equipment to the project that would complement the partnership's needs. These teams would carry out the multi-year technology developmental efforts, consisting of design, construction, installation and testing phases. DOE anticipates that awards will be made to teams for projects ranging in size from hundreds of thousands of dollars to several million dollars per year and for project periods of up to four years. Subject to the availability of funds, it is anticipated that the DOE funding share for these efforts will be no more than \$5.5 million in the first year, and no more than \$9 million for each of the following 3 years. Awards under this Supplemental Announcement will be cost-shared cooperative agreements between DOE and the prime of the industry-led team. Supplemental Announcement 05 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 applications for funding. No pre-application conference is planned.

FOR FURTHER INFORMATION CONTACT: James McDermott, Contract Specialist, at 303-275-4732, e-mail jim_mcdermott@nrel.gov. Responses to questions will be made by amendment to the Supplemental Announcement and will be posted on the DOE Golden Field Office Home Page listed above.