



सत्यमेव जयते

Government of India



Indo-US S & T Forum

**Call for LETTERS OF INTENT
for
INDO-US JOINT CLEAN ENERGY
RESEARCH AND DEVELOPMENT CENTER**

Indo-US Joint Clean Energy Research and Development Center (JCERDC) is proposed to be established under a joint initiative between the Government of India and the US Department of Energy. The center is envisaged to undertake collaborative R & D to advance clean energy technologies. Letters of Intent are invited from Indian academia, research institutions along with industry partners for undertaking R&D collaboration under the Indo-US JCERDC.

The center will involve the active participation of academic and private sectors of both the countries working in a consortia mode. The initial priority areas to be covered under the Indo-US JCERDC are:

- **Solar Energy**
- **Second Generation Biofuels**
- **Energy Efficiency of Buildings**

OBJECTIVES

The overall aim of the JCERDC is to facilitate joint research and development on clean energy by teams of scientists, technologists and engineers from India and the United States, and related joint activities, needed to deploy clean energy technologies rapidly with the greatest impact. To achieve this objective, the Indo-US JCERDC will support multi-institutional network project costs using public-private partnership model of funding support.

ELIGIBLE GROUPS

- Awards will be made to a consortia with the knowledge and experience to undertake first-rate collaborative research programs. These consortia will leverage existing resources and physical infrastructure and will not require new “bricks and mortar” facilities. These consortia will help bring together top talent from both countries and are expected to generate key technological advancement through genuine

collaboration between U.S. and Indian researchers.

- The application **should be jointly submitted by the U.S.-Indian researchers** who would be members of the Consortia based on their mutual interests, priorities and strength.
- These consortia may consist of entities or individuals from academia, national laboratories non-governmental R & D institutions along with atleast one partner from the private sector.
- There should be a US and an Indian Institute identified as the lead Institute on each side to be responsible for coordination of the activities for the respective countries.

LETTER OF INTENT

Prospective applicants are required to submit a Letter of Intent (LOI) of not more than **three pages** with the following information:

1. Title of the project
2. Priority area: Solar energy/ Biofuels/ Energy efficiency of buildings
3. Names of Indian partner institutions (academia/laboratory/industry)
4. Names of US partner institutions (academia/laboratory/industry)
5. Contact information of nodal Indian & US Principal Investigators
6. Executive summary
7. Aims and objectives
8. Deliverables: short-term and long-term goals
9. Current Status: Existing facilities / infrastructure / human resources
10. Existing networks/collaborations
11. Specific need for bilateral collaborations
12. Brief biodata of Indian Principal Investigator (as a one page Annexure)
(Total should not exceed 4 pages).

On receiving the LOI, a prestakeholder meet will be organized, following which the final call for proposal will be made. Funding will be competitively awarded through a joint review process, solely on the basis of the merit and feasibility of the final proposal.

The program will be coordinated by the Department of Biotechnology (DBT) and the Department of Science and Technology (DST), Ministry of Science and Technology, Government of India and administered through the binational Indo-US Science and Technology Forum (IUSSTF).

The Letter of Intent must be submitted by **26 September 2010** in the prescribed format electronically as a single word document to: program@indousstf.org

For more details visit: www.indousstf.org
