



## Ministry of New and Renewable Energy

### Call for Proposals on Pyrolysis

- The Ministry of New and Renewable Energy (MNRE) invites proposals from Researchers engaged in Universities / Research Institutes, both in private and Government sectors, for setting up about 3-4 Modular Pyrolysis Units for Demonstration to process various agricultural and agro- industrial biomass wastes at decentralized locations. The pyrolysis units should have a capacity of approximately 100 kg per day which should study pyrolysis gas recycle and study other methods of reducing the energy input. The MNRE will provide funds for the Pyrolysis Units.
- The design of pyrolysis unit should be able to handle agricultural and agro-industrial biomass wastes and wood wastes such as oil seed husk/ shells, arhar stock, coconut shells, groundnut shells, rice straw, wheat straw, cotton stock, Jatropha stem cuttings, etc.
- The main objective of the study is to establish technical feasibility and utility of establishing large number of pyrolysis units at decentralized locations to produce bio-oil.
- The proposal should also contain methodology for use of pyrolysis oil, its analysis and possible method of upgradation.

#### Submission :

Researchers who wish to avail this facility should send their proposals in the prescribed format which can be downloaded from the Website: <http://mnre.gov.in> The applicant should also give prior experience in this area. The applicant should submit two hard copies of the proposal duly signed with one soft copy (MS word file and not a PDF file) through email or CD to: Shri S. R. Meena, Scientist-'B', Block No. 14, CGO Complex, Lodi Road, New Delhi-110003 (email: [meena.sr@nic.in](mailto:meena.sr@nic.in))

#### **For any further information and clarifications please contact:**

Dr. H. L. Sharma, Scientist 'F', Block No. 14, CGO Complex, Lodi Road, New Delhi-110003 (E.mail: [hlsharma@nic.in](mailto:hlsharma@nic.in)) Telefax.No-24363203

**Last date for submission of proposals extended till 14<sup>th</sup> May, 2010 from 30<sup>th</sup> April, 2010**