

30-4/2010-BE/BGFP

08.07.2010

To

**Interested Industries/ Entrepreneurs/  
Consultants/ SNAs/ KVIC/ Institutions/  
Other Stake-holders**

**Subject: Development of Projects on demonstration of ‘Integrated Technology Package on Biogas-Fertilizer Plants (BGFP) for generation, purification, bottling and piped distribution of biogas in the capacity range of 1,100– 20,000 m<sup>3</sup> and above.**

In pursuance of R&D Policy Guidelines dated 23rd July 2008 “Demonstration of Integrated Technology Package on medium size biogas-fertilizer plants (BGFP) for Generation, Purification, Enrichment, Bottling and Piped distribution of biogas towards harnessing ‘Near Total Potential of suitable Biomass in Rural Areas’ was taken up for biogas plants upto the capacity of 1000 m<sup>3</sup> biogas generation per day. The Ministry has sanctioned 11 no. of such projects in 8 States of the country.

2. The Ministry has been receiving request for taking up demonstration and installation of higher capacity biogas generation, purification and bottling projects on different type of biomass wastes available at different locations including sugar mills, agro-processing plants, poultry units, etc. These projects may have biogas generation capacity of above 1000m<sup>3</sup>. The capacity of BGFP could be 1,100 m<sup>3</sup>to 20,000 m<sup>3</sup>biogas/ day thereof depending on the availability of suitable biomass feed-materials and cattle-dung.

3. The Ministry of New and Renewable Energy invites ‘Expression of Interest’ (EOI) from the public and private sector companies and entrepreneurs who may be interested in partnering with the Ministry of New and Renewable Energy for installation of such a project in a few locations having suitable biomass materials in sugar mills, agro-processing plant, poultry units etc. for biogas generation, purification, bottling and/ or piped distribution and bio-fertilizer production. The MNRE support of 30-40% can be made available for taking up such technology demonstration projects as given below:-

<b>Sl. No.</b>	<b>Biogas Generation Capacity (m<sup>3</sup>)</b>	<b>CFA for Biogas Purification, Bottling/ Distribution Applications</b>
1.	1,100-5,000	40% of the cost of the project*
2.	5,100-10,000	35% of the cost of the project*
3.	10,100-20,000and above	30% of the cost of the project*

\* Excluding cost of land.

Balance of the 60-70% of the cost of the project is required to be invested/ mobilized by the entrepreneur/developer. At least 20% of the cost of the project is to be met by the entrepreneur/ user agency in case loan is availed from banks/ financial institutions. However, for successful implementation of the project the banks/ financial institutions may sanction 80% of the cost of the project and MNRE share is credited to the account, as and when released, after installation and successful commissioning of the plant(s). These projects are to be taken up on Built, Own and Operate (BOO) basis by promoters/ entrepreneurs.

4. These projects are proposed to be implemented in association with the State Nodal Agencies, IREDA and Biogas Development Training Centers (BDTCs) associated with the National Biogas and Manure Management Programme (NBMMP). The BDTC, IIT Delhi, has been designated as lead BDTC for providing technical assistance and monitoring of such projects for obtaining feed-back for further improvement in the ‘techno-commercial package’.

5. The proposals are proposed to be evaluated by experts and considered by Technology Demonstration Appraisal Committee of the Ministry. Recommended projects are to be implemented, operated and owned by the concerned industries/entrepreneurs/ project developers.

6. The interested industries/ entrepreneurs/ SNAs/ institutions/ Other Stake-holders may prepare Feasibility-cum-Detailed Project Report (FDPR) for taking up such projects in a prescribed format available on the website of the Ministry at address: <http://mnre.gov.in>. Ten nos. of hard copies of FDPRs along with 3 nos. of electronic copies/ CDs may be sent to Adviser (BE), Ministry of New and Renewable Energy, 14, C.G.O. Complex, Lodhi Road, New Delhi – 110 003 latest by 31<sup>st</sup> July 2010.

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