

BIOMASS BASED CO-GENERATION SYSTEM

Expression of Interest (EoI Call)

Text of Newspaper Advertisement

**INDIAN INSTITUTE OF TECHNOLOGY DELHI
NEW DELHI-110016
Industrial Research & Development Unit
Expression of Interest (EoI) Call**

This is a call for “Expression of Interest” for a “Biomass Based Co-generation System” for a village level micro-industry. The system will comprise a biomass boiler of capacity 2.5-3.0 tonnes per hour of steam, back-pressure steam turbine with generator, delivering nett 100 kW electric power, and back pressure steam at 2.5 barg. Only such firms that make either turbine, or turbine and boiler both, in-house, may apply. Qualifying firms may send in their EoI letter. For all details, terms and conditions, and reply address, go to website <http://www.iitd.ac.in/tenders>, and look for “Biomass based co-generation system”.

DETAILS AND INSTRUCTIONS:

This is a call for “Expression of Interest” for a “Biomass Based Co-generation System” for a village level micro-industry. The system will comprise a biomass boiler of capacity 2.5-3.0 tonnes per hour of steam, back-pressure steam turbine with generator, delivering nett 100 kW electric power, after deducting electric power required for boiler pumps, and fans. Exhaust steam is to be at 2.5 barg back-pressure. The steam will be superheated at input to turbine, and the exhaust steam from the turbine should be dry saturated. The turbine is to run with dry steam only.

Kindly express your interest in supplying, installation and commissioning of such a system giving the following details:

- 1) General credentials of your firm with all commercial and governmental registration details.
- 2) Your general credentials for supplying biomass based co-generation systems, mentioning list of major items in co-generation systems that are built in-house by you.
- 3) List of organizations, with addresses and phone numbers, where you have supplied biomass based co-generation systems in the range of 100-500 kW electric power output.
- 4) It is also desirable that customer satisfaction letters, if available from customers, be attached.
- 5) **Please do not quote any prices.**

Only such firms that make either the turbine unit of the co-generation system in-house, or make both boiler and turbine in-house, need apply. If boiler is to be acquired from an external source, kindly mention the brand and name of the firm from which the item will be procured.

Send in your “Expression of Interest” letter, along with other documents asked for, under sealed cover, to reach by 21 days of publication of the newspaper advertisement as above, to the following address, and with the words “EoI for BIOMASS BASED CO-GENERATION, RP02260”, prominently written on the outer cover. **Do not send any document by email.**

Address of Submission:

PRINCIPAL INVESTIGATOR (RP02260)
Head’s Office, Room No. IV-236
Department of Applied Mechanics
Indian Institute of Technology, Delhi
New Delhi-110016

Based on “Expression of Interest”, a list of firms will be shortlisted. The shortlisted firms will be sent the tender call with details of the equipment to be purchased and they will have to submit the technical and the financial bid as given in the tender call.