



Indian Institute of Technology Kanpur, Kanpur
Department of Mechanical Engineering

Inquiry no: ME/SDE/2017/DFBG/6

Date of Opening: September 25, 2017

Date and time of Closing: ~~5 pm, October 8, 2017~~

5 pm, October 19, 2017

Sealed bids are invited for the purchase of **Screw Feeder System** for coal. Specifications and other details for submitting bids are given below.

Technical Specifications:

Item	Screw feeder system with provision to control and measure coal powder feed rate. The system components shall be a weighing hopper, a rotary valve, a rotating screw to advance the solid motion, a variable speed motor to control the solid feed rate and a digital load cell type weighing arrangement for hopper to measure the coal feed rate
Feed rate	Variable: 10 - 50 kg/hr The feed rate should be controlled independently.
Type of Material	Indian coal with moisture 7.5%, ash 32% and HGI 50. All the values are in approx. figures
Feed Size Range	0.2 - 2 mm
Material of construction	Stainless steel

Electrical and mechanical components

All electrical and mechanical components like motors, switches gear boxes, bearings etc. should be procured from reputed brands and mention the brand name in the technical bid.

Equipment Design

The detailed design of the equipment shall be as per manufacturer's specifications and provide the details in the technical bid with drawings. These equipment are meant for research purpose and hence a compact, aesthetic and ultra-low dust and noise design is preferred and the bids will be evaluated based on the technical and commercial merits.

Kindly also note the followings terms and conditions:

1. All quotations must reach the undersigned on or before the closing date.
2. The prospective suppliers are required to send quotation in two parts in sealed envelopes, as "Technical Bid" and "Financial Bid". The two separate and sealed envelopes should be clearly marked appropriately as "Technical Bid" and "Financial Bid" with tender number.
3. The Technical Bid should contain detailed technical specification of the product being offered and should not mention any price. This should also mention the guarantee and complete spare parts must be included that are required for functioning of the unit.



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4. The Financial Bid should include the detailed price quotation clearly including the cost of the equipment, taxes, service charges if any. The price should be FOR IIT Kanpur and it should also be inclusive of packing and forwarding charges, commissioning and installation charges at IIT Kanpur.
5. Financial bid will be open only for those, who meet T&C and tender technical specification.
6. The equipment should be provided with all necessary accessories and spare.
7. The firm should supply authorization certificate by the original equipment Manufacturer, for dealership/distributorship along with the quotation. Parent company should be an established company with good number of installations and after sales support in India as well: Attach details.
8. Firm should quote for the consumables, for two years trouble free running.
9. The firm should give a declaration that they have not been blacklisted/debarred for dealing by Government of India in the past.
10. Please send complete contact details of the person/ organization to whom your company had supplied similar systems.
11. The supplier must have supplied systems to institutions of national and/or international repute.
12. Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
13. Machine must have a warranty of at least 1 year. Please also quote the price for extended warranty of 3 years.
14. An undertaking that the vendor will supply all the spares and services for the equipment for at least 3 years from the date of commissioning.
15. If it is an imported item, then please provide financial bid in the foreign currency applicable and also please quote FOB and CIF charges separately.
16. Validity of quotation should be at least for 60 days.
17. Delivery period should not be more than 4-6 weeks and delivery should be at IIT Kanpur. Earlier delivery may be preferred.
18. The intender reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
19. Single point of contact for support: Vendor has to provide details of single point of contact viz. designation, address, email address, and telephone/mobile no.
20. For further queries, please contact Mr. Saurabh Gupta (9903082909, email: saugupta@iitk.ac.in, sauguptasam@gmail.com).

Kindly send the quotation in sealed envelope to the following address.

Address for the quotation:

Dr. Santanu De
Assistant professor,
Dept. of Mechanical Engineering
Indian Institute of Technology Kanpur,
Kanpur-208016 (U.P.) India.