

Centre for Polymer Science and Engineering

Ref. IITD/CPSE/May.

Date: 26-05-2011

Notice Inviting Quotations

Fabricators / suppliers/ manufacturers of quality material testing equipments are invited to supply sealed quotations for a **Chase-type Friction Testing Machine**. The equipment should strictly adhere to the specifications described below. Quotations should include (i) technical and (ii) financial bids separately and be put in separate sealed envelopes and placed together in a sealed outer envelope.

Technical specifications for Chase-type Friction Testing Machine:

Essential requirements:

1. Drum size (inner diameter): 250-300mm
2. Drum Speed: variable in the range of 100-1000 rpm with maximum of 1500 RPM for the motor drive capacity
3. Loading conditions: variable in the range of 20-200 kg
4. Heating and cooling facility: 5Kw minimum with air blower cooling via centrifugal pump with manual control on heating and cooling rate
5. Test schedule compatibility: The testing machine should enable the user to run the schedules as per SAE J 661 and IS2742 with additional manually controlled test schedules defined by the user
6. Data acquisition: Computer assisted data storage and data manipulation that should be compatible to standard operating systems.
7. Data output: Printer friendly document format

Optional requirements:

Bids offering additional features such as noise and vibration measurement system will be preferred

Terms and conditions:

- Comprehensive on-site warranty for three years
- Prices quoted should be CIF, New Delhi
- 100% Payment through letter of credit (L.C.), after successful installation, commissioning and training.
- If the item is proprietary in nature, a proprietary certificate should be enclosed
- If the bidder is Indian agent, the Agentship certificate should be enclosed.
- All sealed quotations must reach the undersigned, one as Technical and other envelope with Commercial

- All the bidders must enclose “Yes-No” compliance statement against each technical/optional requirement
- Bidders are expected to send at least one/two certificates from their already existing users confirming their satisfactory remarks
- Bidders must send a list of the users from industry/organizations/academic institutions/universities where the machine is already supplied.

Sealed quotations must reach the undersigned on or before 02-06-2011, latest by 4pm.

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Note: The institute reserves the right to accept (or) reject any/all quotations without assigning reasons thereof.