

**Indian Institute of Technology Kanpur**  
Department of Civil Engineering

Inquiry No- CE/RS/2012-13/Oct/01

10 October, 2012

**Sub: Quotation for VIBRATING CUP MILL**

Dear Sir,

We propose to purchase a Vibrating Cup Mill You are requested to give quotation with best price/discounts with following specifications.

**TECHNICAL SPECIFICATIONS OF VIBRATING CUP MILL**

|                        |   |                                       |
|------------------------|---|---------------------------------------|
| Max Feed Particle Size | : | 12 mm                                 |
| Useful Capacity        | : | 50, 100 or 250 ml. (selectable)       |
| Final Fineness         | : | 10 to 20 microns                      |
| Motor Speed            | : | 600 - 1500 rpm                        |
| Electrical details     | : | for 100-240 V/1~, 50-60 Hz, 2000 Watt |
| Motor shaft power      | : | 1.1 kW                                |
| Dimension              | : | 85 x 85 x 135 cm.                     |

**Other specifications and required features:**

- Two grinding sets made of Agate
- One grinding set made of hard metal tungsten carbide
- The useful volume of the above grinding sets should be 100 ml
- Motor Speed should be 600 - 1500 rpm in steps of 50 rpm
- The average operational noise level should be less than or equal to 81 dB (A)
- While using the Agate grinding set speed should be automatically limited to 750 rpm, hence grinding effect should be customized to the particular requirement.
- Motor shaft power according to VDE 0530, EN 60034 should be less than or equal to 1.1kW
- Speed should be varied by means of frequency converter and microprocessor.
- Reverse operation should be possible.
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You are requested to submit your quotation in sealed envelope with complete product description, technical literature, price, warranty period, delivery time and other terms and conditions by October 20, 2012. If you have any question please call Prof. Rajiv Sinha at 2597317, email: rsinha@iitk.ac.in.

Yours Sincerely



Prof. Rajiv Sinha *For R. Sinha*  
Department of Civil Engg.  
I.I.T. Kanpur  
PIN 208016 (UP)