

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**

**DEPARTMENT OF MATERIAL SCIENCE &ENGINEERING**

**Enquiry No : MSE/SS/2012-13 /28**

**Enquiry Dated: NOV 09, 2012**

**Closing Date NOV 20, 2012**

Dear Sir/Madam:

Requirement of a durable and long-lasting low-speed diamond saw for cutting metal and ceramic samples.

Specifications:

1. Digitally controlled motor
2. Speed varies from 0 to 600 (at least)
3. Allows multi-blade cutting
4. Position accuracy better than 5 microns
5. Travel distance better than 50 mm
6. Digital Micrometer with min reading of 1 micron and accuracy better than 3 microns
7. Wheel saw 6" and smaller can be used
8. Motor should have high torque to allow multiple cuttings simultaneously
9. Trip switch to automatically switch off the motor when cutting is Complete

Following accessories must be included:

1. Stone to sharpen diamond blades
2. Weight for balancing specimen
3. Specimen holder with goniometer
4. Cutting Lubricant
5. At least 1 set of 6" diamond blades

*Terms & Conditions:*

1. *Maximum educational discount, if any should be offered*
2. *Prices should be on CIF basis, IIT-Kanpur.*
3. *Prices should include the installation and training cost.*
4. *Warranty should at least be for three years after installation.*
5. *Validity of quotation should be at least for 60 days*
6. *Quotation should carry proper certifications like agency certificate, proprietary certificate, etc*
7. *Any other charges from your side should be specified*

Kindly Send your best offer (Technical & financial) so as to reach us on or before Nov 20, 2012 to the following address-

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