

**Department of Mechanical Engineering
IIT Kanpur**

Quotation request notice

The last date for receipt of quotation has been extended to 12/11/2012.

Sealed quotations are invited from dealers/distributors by the undersigned for a Core Cutting Machine with the listed accessories. The quote should reach the undersigned on or before 5/11/2012- **extended to 1700 hrs 12/11/2012**

Enquiry No: IITK/ME/PV/01

Opening date: 0900hrs, 26.10.2012

Closing date: 1700hrs, 5.11.2012- **extended to 1700 hrs 12/11/2012**

Technical specifications

1) Coring machine

The machine should be capable of cutting cores of the following dimensions both from concrete and hard rock/granite

Precise holes of diameter in the range 10-180 mm

Core length desired – up to 1000 mm length

Additional features required: Multiple selectable cutting speeds with speed regulator and Overload indicator, Slip clutch, Quick release chuck for diamond core bits, Ability to change core drill bit without using excessive tools, Capability to make cores up to an angle of 45°
The machine should operate on 230 V ac single phase supply.

2) Machine stand with necessary anchors and other fixtures

3) Water supply unit (at least 10 liter capacity)

4) Diamond core bits for making core of diameter 40 mm, 30 mm and 20 mm.

Two years warranty with on-site repair service on all items (excluding core bits) is required.

Dr. P Venkitanaryanan
Professor, Department of Mechanical Engineering
Indian Institute of Technology Kanpur
Kanpur 208016
Email- venkit@iitk.ac.in Ph. +91-512-259-7528