



Indian Institute of Technology
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Enquiry No.: DSK/BSBE/11-12/NC-70

Dated: 20/01/2012
Closing Date: 25/01/12

Request for submission of quotation for "Liquid Extrusion Porosimeter"

Sealed quotation(s) are required on or before 25th January 2012 latest by 5.00 pm with all technical specifications for the supply of items;

- Pressure Rang: up to 100 PSI
- Pore sizes Range: 0.05 – 1000 microns or better
- Resolution: 1 in 60,000
- Intrusion volume rate: 0.01 cc
- Sample size: 1.5" dia and 1" thick, there should be a provision for wide variety of samples
- One instrument should perform like two, measures liquid permeability like a Permeameter and pore volume like a mercury intrusion Porosimeter.
- There should not be any involvement of toxic material like mercury.
- The instrument should be fully automated, and the results should be highly reproducible and accurate.
- Pressure required should be almost an order of magnitude less than that required for mercury intrusion.
- Window based software for all control, measurement, data collection, data reduction, and report preparation for parameters like through pore volume, volume distribution, and liquid permeability.

Warranty: One year from the date of Installation

Installation & Training: should be free of cost at our site

Please provide separate lines for the initial price and discounted price with minimum 90 days validity for the quotation (120 days would be desirable).

Sincerely,

Dhirendra S. Katti,