

NOTICE INVITING QUOTATION (NIQ)

Date: September 4, 2012

EQUIPMENT: P-E MEASUREMENT SETUP

Sealed quotations on company letter head are invited from the manufacturers of repute or their authorized suppliers/dealers and service agents in India for the supply of the item mentioned in the NIQ.

The quotation must provide detail information of the configuration and specification of the item (in the format given below) as well as price, warranty, and terms and conditions of payment etc. The cost should also include applicable taxes, transportation to IIT Delhi site and installation etc.

Interested parties are required to submit their technical and financial bids in separate sealed envelopes and marked as “**TECHNICAL BID**” and “**FINANCIAL BID**” respectively on the ENVELOPE. **Both envelopes should be enclosed in a single sealed envelope marked as:**

Quotation for P-E Measurement Setup

The quotation should be submitted on or before **September 26, 2012 up to 5 p.m to:**

Prof. H. C. Gupta
Department of Physics
Indian Institute of Technology Delhi
New Delhi 110016

The validity of the quotation must be for a period of three months from the last date of the tender.

The institute reserves the right to accept/reject any/all the quotations without assigning any reason whatsoever..

NOTE

- (1) Each of the essential specification needs to be responded either in range or applicable answer in the format of page 2. **Failure to response to any essential specification will lead to disqualification.**
- (2) Authorization certificate from the principal (if applicable) should be attached with technical bid.
- (3) Delivery and installation should be completed within two weeks of receipt of supply order.
- (4) The payment shall be made as per IIT Stores and Purchase rules after satisfactory installation of the equipment.

TECHNICAL SPECIFICATIONS OF P-E MEASUREMENT SETUP

S. No.	Parameters	Requirement	Response by supplier (range/yes/No)
1	Frequency range	50 Hz- 1 kHz in ≥ 8 steps	
2	Maximum Electric Field	50 KV/cm for ≥ 0.6 mm thick sample	
3	Temperature range	Room temperature to $\geq 600^{\circ}\text{C}$	
4	Fatigue	Up to 20 th cycle	
5	Temperature Controller	Microprocessor based PID, Programmable with ramping feature along with simultaneous display of set point and actual temperature.	
6	Sample holders	For bulk samples(up to 3 mm thick pellets)	
7	Silicon Oil	500 ml	
8.	Interface	PC USB / ISA interface with cables and fixtures	
9	Collect ion of data	Relevant software for data collection and transfer	

Optional:

Accessories:

- | | |
|---------------------------------------|--------|
| 1. DC Polling facility with 10KV/cm | 1 |
| 2. Sample holder for thick/thin films | 1 |
| 3. Silicon Oil | 500 ml |

(H C Gupta)

Emp. Code: 15228