

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

Dated: 9/3/17

No. EED/2017/6165 | 1072

M/s INSTITUTE WEBSITE

Sub: INVITATION OF QUOTATIONS FOR AUTOMATIC CAPACITANCE & TAN DELTA TEST SET

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	Automatic Capacitance & Tan Delta Test Set (Detailed Specifications are attached)	01 Nos.

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. All duties taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications. The Bank detail for making online payment may be indicated in the quotation.
5. The supplier shall deposit Earnest Money alongwith the Quotation amounting to Rs. 40000 /- in shape of Accounts Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.
6. Performance Security @ 05% of the total value of the equipment may be furnished in shape of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty .
7. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%..
8. The goods are not required exclusively for Research Purpose. The Duties are payable by the Institute.
9. The quotation should remain valid for a period not less than 60 days from the date of submission.
10. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
11. The due date for receipt of quotation is 21.03.2017 and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.


Deputy Registrar (I/c Stores)

Automatic Capacitance & Tan Delta Test Set

TECHNICAL SPECIFICATION

- Required 0 to 11 kV insulation power factor/dissipation factor ($\tan\delta$) test set designed for condition assessment of electrical insulation in high voltage apparatus such as transformers, bushings, circuit breakers, cables, lightning arresters and rotating machinery.
- Measurements include voltage, current, power (loss), tan delta, inductance, power factor and capacitance. The test results are automatically stored in the computer and can also be downloaded directly to USB storage or a printer.
- **Measuring Ranges**
 - **Voltage:** 25 V to 12 kV, 1 V resolution
 - **Current:** 0 to 5 Amps, 0.1 μ A maximum resolution. The measurement can be corrected to either 2.5 kV or 10 kV equivalents.
 - **Capacitance:** 0 to 100 μ F, 0.01 pF maximum resolution
 - **Inductance:** 6 H to 10 MH, 0.1 mH maximum resolution
 - **Power factor:** 0-100% (0-1), 0.001% maximum resolution
 - **Dissipation factor:** 0-100 (0-10,000%), 0.001% maximum resolution
 - **Watt Loss:** 0 to 2 kW, actual power, 0 to 100 kW when corrected to 10 kV equivalents. 0.1 mW maximum resolution. The measurement can be corrected to either 2.5 kV or 10 kV equivalents.

Term & Condition: -

1. Installation & Demonstration at site.
2. Minimum One Year on Site Warranty.
3. Three Years AMC (on site) after warranty period with quarterly visit every year.
4. Price to be quoted inclusive all taxes F.O.R NIT Kurukshetra.
5. Similar type of instruments must be supplied to academic Institution in last year with proof.

AKB
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