

राष्ट्रीय प्रौद्योगिकी संस्थान, उत्तराखण्ड
NATIONAL INSTITUTE OF TECHNOLOGY, UTTARAKHAND

Quotation Invitation

Ref No.: NITUK/PH/26/207

Date: 17/07/2026

Subject: Supply of "Hysteresis loop tracer".

PREAMBLE: National Institute of Technology, Uttarakhand (NIT, Uttarakhand) invites online/offline quotations in the proforma as per Annexures-I from the eligible & interested agencies for the supply of "Hysteresis loop tracer" for NIT Uttarakhand on the following terms & conditions:

NIT Uttarakhand invites the online Quotations for the procurement of "Hysteresis loop tracer" with the following specifications:

S. No.	Item	Quantity	Specification
(01)	(02)	(03)	(04)
1.	Hysteresis loop tracer	02	1. $\pm 12V$ D.C. at 100mA, IC Regulated Power supply 2. 0, 11, 22, 35, 50, 65, 82, 99, 116, 131V A.C. Power Supply at 1.5Amp 3. 3/2 digits Digital panel meter to read magnetic field in Gauss. 4. A solenoid with former fitted on the platform for producing magnetic field in the range of 0-300 gauss or better. 5. A pick up coil wound on former and fixed on Nylon fixture for picking up magnetic field for hysteresis loop 6. Two helical potentiometers to vary continuous Area Ratio and Demagnetization. 7. Three potentiometers, one each to vary continuous phase, H. Balance and D.C. Balance. 8. Two band switches to select different Flux Density (B) and Magnet Field. 9. Two connectors, one for solenoid to give voltage and another for giving input from Pick-up-coil. 10. Terminals for Hysteresis Loop measurements. 11. Different type of ferromagnetic samples 12. Mains ON/OFF switch, Fuse etc. 13. The unit is operative on 230 VAC $\pm 10\%$ at 50Hz 14. Provision/connections for connecting the DSO. 15. To supply the compatible DSO for viewing the hysteresis loop. Bandwidth: 50 MHz; Analog channels: 2 or more; Maximum sample rate: 1 GSa/s, Waveform memory depth: 100,000 pts or higher, Waveform update rate: 100,000 waves/s or higher, Waveform math: add, subtract, multiply, divide, low pass filter, FFT etc. ; Display: 7 inch TFT LCD or better, Connectivity: LAN, USB host and device or better.

The deadline to submit the quotation through online/offline mode to the following email addresses/address is on or before **03/08/2026 by 05:30 PM.**



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NATIONAL INSTITUTE OF TECHNOLOGY, UTTARAKHAND

- Dr. M.S. Khatri, Department of Physics, NIT Uttarakhand.
Email: mskhatri@nituk.ac.in, **Phone No.:** +91-8755243382
- Dr. Jagrati Sahariya, Department of Physics, NIT Uttarakhand.
Email: jagrati@nituk.ac.in, **Phone No.:** +91-9001119747
- Dr. Saroj R. De, Department of Chemistry, NIT Uttarakhand.
Email: saroj.de@nituk.ac.in, **Phone No.:** +91-8171388478

Address for offline quotation to be submitted to the Committee members:

Department of Physics, National Institute of Technology (NIT) Uttarakhand,
Srinagar (Garhwal), District Pauri (Garhwal), Uttarakhand.
Pin code: 246174

Terms and Conditions:

1. Quotation must be submitted in the prescribed format only.
2. Quotations received after due date and time will not be considered and will be rejected directly.
3. The quotation format must be printed on the letter head of the Vendor with signature & seal preferably with GSTIN and PAN number of the firm.
4. The deadline to submit the quotation through online/offline mode to the above email addresses is on or before **03/08/2026 by 05:30 PM.**
5. Invalid quotations shall directly be rejected without any communication.
6. The **online quotations** must be in **PDF format** and **password protected**. The **offline quotations** must be in the **sealed envelope**.
7. For the opening of **online quotations**, the committee will contact the Vendors/firm through given mobile numbers at the time of quotation opening.
8. The quotations received on or before the due date will be opened on **04/08/2026.**
9. Clearly mention your contact number in the mail body.
10. The quotations will be evaluated as per GRF 2017 guidelines.
11. NITUK reserves the rights to cancel the process at any given point of time.
12. NITUK, reserves the right to accept or reject or cancel the quotations at any stage without assigning any reason thereof.
13. Eligible vendor shall assure to supply the item within stipulated time period as mentioned in Supply Order).
14. Vendor should take into account any corrigendum published on the quotation document before submitting their quotations.
15. Taxes (GST) as applicable should be mentioned clearly in percentage (%) and in exact figure. If No Tax is mentioned it will be presumed that the Price is inclusive and the vendor will be responsible for all Tax related Compliances.
16. All communications related to this invited quotations should be addressed to the above committee members only.


Registrar,
NIT Uttarakhand

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NATIONAL INSTITUTE OF TECHNOLOGY, UTTARAKHAND

Format

Printed on Company letter head

GST Number:-----

PAN number:-----

Date:

To,
The Director,
National Institute of Technology Uttarakhand,
Srinagar, Garhwal-246174

Subject: Online/Offline quotation for "Hysteresis loop tracer".

Specifications:

S. No.	Item	Quantity	Specification	Per Unit Rate (₹)	Tax (GST) %	Total Cost in (₹)
(01)	(02)	(03)	(04)	(05)	(06)	(07)
1.	Hysteresis loop tracer	02	1. $\pm 12V$ D.C. at 100mA, IC Regulated Power supply 2. 0, 11, 22, 35, 50, 65, 82, 99, 116, 131V A.C. Power Supply at 1.5Amp 3. 3/2 digits Digital panel meter to read magnetic field in Gauss. 4. A solenoid with former fitted on the platform for producing magnetic field in the range of 0-300 gauss or better. 5. A pick up coil wound on former and fixed on Nylon fixture for picking up magnetic field for hysteresis loop 6. Two helical potentiometers to vary continuous Area Ratio and Demagnetization. 7. Three potentiometers, one each to vary continuous phase, H. Balance and D.C. Balance. 8. Two band switches to select different Flux Density (B) and Magnet Field. 9. Two connectors, one for solenoid to give voltage and another for giving input from Pick-up-coil. 10. Terminals for Hysteresis Loop measurements. 11. Different type of ferromagnetic samples 12. Mains ON/OFF switch, Fuse etc. 13. The unit is operative on 230 VAC $\pm 10\%$ at 50Hz 14. Provision/connections for connecting the DSO 15. To supply the compatible DSO for viewing the hysteresis loop. Bandwidth: 50 MHz; Analog channels: 2 or more; Maximum sample rate: 1 GSa/s; Waveform memory depth:			

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			100,000 pts or higher, Waveform update rate: 100,000 waves/s or higher, Waveform math: add, subtract, multiply, divide, low pass filter, FFT etc. ; Display: 7 inch TFT LCD or better, Connectivity: LAN, USB host and device or better.			
Total: Cost (in Words)						

Terms and Conditions of service providers (if any)

Signature:

Name and seal/stamp of Company head/Firm

Mobile No.:

Email: