



INDIRA GANDHI UNIVERSITY, MEERPUR, REWARI
(A State University Established under Haryana Act No. 29 of 2013)

No.: IGU/PHY/2020/315

Dated: 21/10/2020

Sub: Notice Inviting Quotation (NIQ)

Dear sir

Sealed quotations are invited from the manufacturers/authorized distributors/authorized dealer/supplier/stationers for the items attached to reach the chairperson, Department of Physics, Vivekananda Block, IGU Meerpur, Rewari latest by 05/11/2020 upto 4:00 pm duly by subscribing on the envelope "Quotation for equipments".

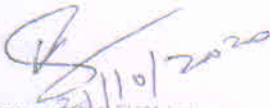
| Sr. no. | Apparatus Name | Quantity |
|---------|--|----------|
| 1 | To determine the band gap of Ge material | 02 |
| 2 | To study B-H curve of a given Ferrite sample and find energy loss in case of ferrite Core | 01 |
| 3 | To study of dielectric constant as a function of temperature and determine the Curie temperature | 01 |
| 4 | To determine the capacitance of a Parallel Plate Capacitor using Capacitance and permittivity kit | 02 |
| 5 | BCD to Seven Segment display | 02 |
| 6 | To study the Analog Comparator circuit | 03 |
| 7 | Integrating & Differentiating Ckt | 03 |
| 8 | Half & Full Adder Model-A084 | 03 |
| 9 | Half & Full Subtractor Model - A094 | 03 |
| 10 | To study digital to analog and analog to digital conversion (DAC to ADC) circuit | 02 |
| 11 | To study various applications of Op. Amp. 1)Op-amp as an integrator 2)Op-amp as an differentiator | 06 |
| 12 | Study of Frequency Modulation and Demodulation | 02 |
| 13 | Study of pulse Amplitude Modulations & Demodulation model-C019 | 02 |
| 14 | To study the low pass, High Pass and Bank Pass filters using active and passive elements | 02 |
| 15 | Dipolemeter: To measure the dielectric constant of non-polar as well as polar liquids. | 01 |
| 16 | Push Pull amplifier 1)To study the output waveforms of push- pull amplifier in different classes of operation. 2)To plot the frequency response of push - pull amplifier in class AB | 02 |
| 17 | Michelson interferometer | 01 |

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|----|---|----|
| 18 | LED & Laser Diode Characteristics Apparatus a) To Study I-V characteristics of LED and Diode Laser. b) To Study P-I characteristics of LED and Diode Laser. | 01 |
| 19 | Measurement of thickness of thin wire with laser | 01 |
| 20 | To measure the numerical aperture (NA) of optical fiber | 01 |
| 21 | To study hysteresis in the electrical polarization of a TGS crystal and measure the curie temperature | 01 |
| 22 | To study B-H curve of a given ferrite sample and find energy loss in case of ferrite core | 01 |
| 23 | e/m for electron by Helical Method | 01 |
| 24 | To study the B-H curve for a given sample using CRO | 01 |
| 25 | Refrigerator for storing research sample | 01 |
| 26 | Microwave-Oven for synthesis of research sample | 01 |

Please mention the details about the quotation on the envelope with enquiry no.

1. The following charges and terms may be spelt out in your offer clearly:
2. Authorization letter of related make of instruments/items.
3. F.O.R: IGU Meerpur Rewari
4. Taxes: Tax as applicable may be clearly mentioned in the quotation.
5. Guarantee/Warranty: One year
6. Delivery of goods: Within 15 days
7. Payment: After satisfactory installation
8. Provide lab manual and give demo/ training to the teachers and students of the department.

The quotation will be opened on 06/11/2020 at 11:30 am, in the office of the Department of Physics, IGU, Meerpur, Rewari, in the presence of the dealers, suppliers who may be interested to witness the same.


 06/11/2020
 Chairperson,
 Department of Physics
 INDIRA GANDHI UNIVERSITY
 MEERPUR REWARI-122502