

हिन्दू महाविद्यालय

(दिल्ली विश्वविद्यालय)

दिल्ली-110007

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फैक्स : 2766 7284

ई-मेल : principal@hinducollege.org

वेबसाईट : www.hinducollege.ac.in



Hindu College

UNIVERSITY OF DELHI

DELHI - 110 007

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Dated: 25/05/2017

Quotations for purchase of Laboratory Equipment(s)

Quotations are invited for the purchase of Laboratory Equipment/Apparatus under Department of Physics. The list of equipment along with specifications is attached as Enclosure-I

It is requested that the following protocol should be carefully observed in every detail while submitting the quotation, otherwise the quotation may not be considered.

1. The quotation should be submitted in a two bid process i.e. technical and financial bid should be enclosed and sealed in separate envelopes.
2. Both the sealed envelopes should be enclosed and sealed in single envelope.
3. The quotation should be addressed to the Principal, Hindu College, University of Delhi, Delhi-110007.
4. The words "Quotation for Laboratory Equipment for Physics Department" should be written prominently on the envelope.

Last date of submission of the Quotation is 13th June, 2017 on or before 4:00 PM to S.O. Administration, Hindu College.

Dr. Manish K. Kansal

(Teacher-in-charge)

(Officiating Principal)

Sr. No	Instrument/Apparatus	Specification(s)
1.	Dual Power Supply (Aplab Make)	± 15 V/5V variable
2.	Ammeters and Voltmeter	DC, 0-1, 0-5, 0-10, 0-30 Volts/amp.
3.	Work function of material of filament of directly heated vacuum diode	
4.	To determine the ionization potential of mercury	
5.	e/m by bar magnet	
6.	e/m by magnetic focusing	Long tube
7.	To determine the coupling coefficient of piezoelectric crystal	
8.	To show the tunneling effect in tunnel diode using I-V characteristics	
9.	To measure the dielectric constant of dielectric materials with frequency	
10.	To determine the moment of inertia of flywheel	Good quality 0r (OSAW make)
11.	Polarimeter for specific rotation of sugarcane	Good quality 0r (OSAW make)
12.	Calender and Barn's Apparatus	Good quality 0r (OSAW make)
13.	Searles's Apparatus	Good quality 0r (OSAW make)
14.	PRT set up	Good quality 0r (OSAW make)
15.	Thermocouple set-up	Good quality 0r (OSAW make)
16.	Microcontroller 8051 KIT	
17.	5 volts power supply	DC, for digital lab
18.	Arduino KIT	
19.	Bread Board	
20.	Planck's constant using black body radiation	
21.	Stefan's law	
22.	Elastic constant by searle's method	Good quality 0r (OSAW make)
23.	Kater's and Bar Pendulum	Good quality 0r (OSAW make)
24.	Maxwell's needle	Good quality 0r (OSAW make)
25.	Optical lever for young's modulus	Good quality 0r (OSAW make)
26.	Stop watch (digital)	Good quality 0r (OSAW make)
27.	Oscilloscope (CRO)	
28.	Function generator	Upto 100 MHz (Aplab make)
29.	Spectrometer	Least count 20" and 30"
30.	Training modules on Solar energy, wind energy	
31.	Conversion of vibration energy to voltage using Pizo-electric materials	
32.	Conversion of thermal energy to voltage "Thermoelectric modules"	
33.	Digital Multi-meter	

Manish
25/5/17