



# NETAJI NAGAR DAY COLLEGE

(Under Graduate & Post Graduate Institution)

Affiliated to University of Calcutta

Accredited by NAAC (B<sup>++</sup>)

170/436, N.S.C. BOSE ROAD

REGENT ESTATE – KOLKATA - 700092

Ref. No: NNDC/ 2020/FEB/PHSA

Date: 29.02.2020

Netaji Nagar Day College invites sealed quotations along with necessary information such as GST No., TAN etc. from reputed, experienced companies/ firms/ agencies for supply of **Laboratory Equipments of Physics Department.**

Sl. No.	Items/ Equipments	Specifications	Qty	Rate (Rs.) Per Unit Excluding GST	GST (Rs.) 5%	Rate (Rs.) Per Unit Including GST	Amount (Rs.)
1.	Complete setup to determine Planck's constant.	Setup should consists of: i) One 0-10 V power supply, ii) A one-way key, iii) One rheostat, iv) One digital milli-ammeter, v) One digital voltmeter, vi) One 1 K resistor and vii) different known wavelength LED's (Light-Emitting Diodes)	01				
2.	Complete setup to find the ionization potential of mercury using a gas-filled diode.	Setup should consists of: i) One gas-filled (mercury vapor) diode, ii) One 0-20 V variable power supply, iii) One voltmeter and iv) One micro-ammeter	01				
3.	Complete setup to determine e/m by using bar magnet	Setup should consists of: i) One cathode ray tube (CRT) with power supply consisting intensity and focus controller ii) two bar magnets, iii) one deflection magnetometer and iv) a wooden frame with scales fixed on its arms.	01				

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4.	Complete setup to study the photoelectric effect: variation of photocurrent versus intensity and wavelength of light.	Setup should consists of: i) One Evacuated tube consisting a photosensitive plate (emitter) and a metal plate (collector), ii) One source of white light with optical filters, iii) One variable power supply, iv) One voltmeter and v) Ammeter	01				
5.	Complete Setup to show the tunnelling effect in tunnel diode using I-V characteristics.	Setup should consists: i) One tunnel diode, ii) One DC regulated power supply, iii) One potentiometer, iv) One voltmeter and v) One milli-ammeter	01				
<b>Total Amount:</b>							

Last date of Quotation submission: 11.03.2020

Quotation should be submitted at the office: 11:00 A.M. to 5:00 P.M. of each working day except Saturday.

Please also note that GST for each item is to be specified in the quotation and the GST should be 5% for all the item/equipments listed above.

*AB Jash* 29.02.2020  
(SONALI BANERJEE JASH)  
Principal  
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