



NETAJI NAGAR DAY COLLEGE

(Under Graduate & Post Graduate Institution)

Affiliated to University of Calcutta

Accredited by NAAC (B⁺⁺)

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

REGENT ESTATE – KOLKATA - 700092

Ref. No: NNDC/PHY/2022/FEB/01

Date: 26.02.2022

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

Sl. No.	Item/ Equipment	Specifications	Qty	Rate (Rs.) per unit	GST (Rs.) per unit (GST 5%)	Price (Rs.) per unit (Including GST)
1.	Complete setup to determine dielectric constant of different materials (solid and liquid) using fixed frequency alternating source.	<ul style="list-style-type: none"> ➤ RF Generator (9-10MHz approx.) ➤ Micro Ammeter (Range 0-50mA) ➤ Potentiometer for sensitivity selection ➤ Fixed Capacity (Metal) ➤ Variable Gang Capacitor ➤ Socket for test capacitor & variable Capacitor brought out at front panel ➤ One solid bakelite plate to be insert in gap of test capacitors. 	01			
2.	Complete setup to measure variation of resistivity in a semiconductor and investigate intrinsic band gap using linear four probe.	<ul style="list-style-type: none"> ➤ Four Probe Arrangement ➤ Oven (up to 200°C) ➤ Sample: Ge Crystal mounted ➤ Thermometer (0-200°C) ➤ Constant Current power supply digital Accuracy: +0.25% of the reading +1digit Load Regulation: 0.03% for no load to full load ➤ Electronic Millivoltmeter 200 mV Accuracy: + 0.1% of reading = 1digit impedance: 1 Mho ➤ Display: 3digit LED with auto polarity and decimal indication. 	01			

3.	Complete setup to study temperature coefficient of a semiconductor (NTC thermistor) and construction of temperature controller with comparator and relay switch.	➤ Complete set up with Digital Meters, Components, Heater, Long Copper Pipe fitted inside thermistor and with All necessary accessories.	01			
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GST should be 5% for all the items enlisted in DSIR guideline. DSIR certificate will be provided to supplier against proforma invoice.

Last date of Quotation submission: 08.03.2022

Quotation should be submitted at the office of Netaji Nagar Day College

(Monday-Friday: 11:00 A.M. to 3:00 P.M. and Saturday: 11:00 A.M. to 2:00 P.M.)


 26.02.22
 (DR. SONALI BANERJEE JASH)
 Principal
 Netaji Nagar Day College
 - Principal
 Netaji Nagar Day College
 Kolkata-92