

BALARAMPUR COLLEGE

Estd. 1985 (Affiliated to Sidho-Kanho-Birsha University, Purulia)

BALARAMPUR

P.O.-Rangadih Dist.-Purulia (W.B) Pin.-723143

Ref. No. 189/1A

Date - 12/08/17

Inviting Quotation Notice

Sealed quotations in prescribed format (attached herewith) are invited by the Principal, Balarampur College from the reputed laboratory instruments Suppliers/Agencies having good credentials for supplying the similar type laboratory instruments.

Rate should be quoted including all charges (e.g. VAT, TAX, GST, Delivery charge etc.) and as per specification. The quotations should reach this office by 3:00 pm on 18/08/2017. **Valid PAN, VAT, Income Tax and Professional Tax Clearance Certificates** should be attached along with the quotations. The quotation documents are not refundable.

The Principal Balarampur College, **reserves the right to accept/reject any or all the quotations without assigning any reason thereof.** Acceptance of lowest or any other quotations is not obligatory. Materials should be delivered and installed at College within five days of issuing the supply order. The College may **reject the equipments and will not pay any amount to the suppliers (even after delivery) if the quality of the instruments is not maintained properly.**

Warranty: the suppliers should ensure **2 years on-site warranty** from the date of delivery/installation of the materials.

Sl No	Name of the Experiment	Apparatus to be supplied	Price(Rs.)
1	Determination of the mutual inductance of two coils at different angles (ϕ) with the help of a ballistic galvanometer by Carey Foster dc method and to draw M- ϕ graph	Appropriate Mutual inductance coil	
2	To determine the self inductance L1 and L2 of two coils and verification of the laws of inductance by Anderson's method	Complete setup of Anderson's Kit	
3	To draw the BH curve of Fe using Solenoid & determine energy loss from Hysteresis	Appropriate Anchor ring	
		Appropriate Solenoid(Primary current Minimum 3 Amp with 6 V Power supply)	
		Appropriate Power Supply(12 V, 6 A)	
		Appropriate Rheostat(10 ohm, 6 Amp)	
		Suitable Murcury Rocker	

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4	Measurement of the voltage across the inductance, capacitance and resistance of a series LCR circuit for different frequencies of the input voltage with the help of an a.c. millivoltmeter. Hence study the Variation of impedance of the inductor and capacitor with frequency of the impressed voltage. Also draw the resonance curve of the circuit.	Inductor 20 mH, 50 mH, 100 mH For lab Use Complete Set up LCR Kit	
5	Digital IC trainer Kit	Perform in all types of digital experiments	
6	To measure the resistivity of a semiconductor(Ge) with Temperature by four-probe method (room temperature to 150 degree C) and to determine its Bandgap	Complete Setup Preferable SES make	
7	To determine the ionization potential of murcury	Complete setup SES make	
8	To determine the value of e/m by (a) magnetic focusing or (b) bar magnet	Complete Setup Preferable SES make	
9	IC 74XX,		
10	555 Timer		
11	IC 741		
12	Carbon resistance		

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