

BARRACKPORE RASTRAGURU SURENDRANATH COLLEGE

85, MIDDLE ROAD, KOLKATA 700120

Notice: 2018-19/163

Date: 30.01.2019

Sealed quotations are invited from reputed Company/Supplier for Procurement of following items under College fund. All quotations are to be address to Principal, Barrackpore Rastraguru Surendranath College and the last date of submission of quotation is 9/02/2019 within college hour.

Sl. No.	Description of apparatus.	Specifications	Quantities
1.	Galvanometer/Null Detector For Anderson Bridge Experiment	Fitted with 0-5 Volt D.C. & A.C. Source of amplitude variation 0-6 volt(peak to peak) with fixed frequency 1-2 KHz	6 Ps
2.	Potentiometer	Fitted with 10 wires having length 1 meter each.	4Ps
3.	Post Office Box	Preferably brass made with good sensitivity	4 Ps
4.	Digital Gauss meter Solenoid with copper winding mounted on Aluminium frame D.C. Regulated Power Supply 0-30 V/0-2 Amp	Range 0-2000 Gauss/ 0- 20 K Gauss.Complete with axial type Gauss Probe Heavy duty Stand for movement of Gauss meter probe(Scale in mm is also engraved on brass holder.	2 Ps 2Ps 2Ps

Sl No.	Description of apparatus	Specifications	Quantities
5.	Spectrometer	Least Count= 20" Fitted with Two vernier Scales.	6 Ps
6.	Sodium and Mercury Source	Fitted in wodden/steel case along with source transformer for two sources.	3Ps each for two sources
7.	Equilateral glass prisms	Best quality with high dispersive power	12 Ps.
8.	Plane transmission grating	300 lines/mm UK made	6 Ps
9.	Coupled Oscillator Apparatus	Complete Sets	2 Ps
10.	Michelson Interferometer	Complete Sets	1 Ps
11.	Newton's Ring Apparatus	Complete set with sodium source and travelling microscope(Both hori zontal and vertical movement)	3 Sets
12.	Cathod Ray Oscilloscope for study of Lissajous figures.	Dual channels, 30MHz Band width with X-Y mode	4 Ps
13.	Function generator with Sine,triangular and square waveforms as output.	Frequency variation upto 3 MHz with frequency display and amplitude adjustment with proper signal attenuation (20db+20db) switch.	4 Ps

Sl No.	Description of Apparatus	Specifications	Quantities
1	Apparatus for Verification of Stefan's Law using a torch bulb	Complete set in an integrated form in a box	3 sets
2.	Thermal conductivity measurement of bad conductor by Lee and Charltron's disc method.	Complete Set along with heater	3 sets
3.	Platinum resistance Thermometer(PRT)		
	Metrebridge	Best quality	3 sets
	connecting copper wire	Best quality	3 sets
4.	Thermocouple apparatus fitted with spot galvanometer with high sensitivity along with 10 meter potentiometer.	Best quality	3 coils
		Complete set	3 Sets
5.	Callender and Barne's constant flow method apparatus for the measurement of the mechanical equivalent of heat J	Complete set	2 sets
		Complete set	2 sets
6.	Searle's apparatus for measurement of thermal conductivity of copper		
7.	Angstrom's method apparatus for measurement of thermal conductivity of copper	Complete set	2 sets

8.	4 bits binary adder IC Chip 7483	Best Quality	10 Ps.
	5 volt D.C. Supply		
	Breadboards	Bread board model MB-102 With 830 Solder less points.	20 Ps
9.	J K Flip Flop IC chip IC 7473		20 Ps
10.	D Flip Flop IC Chip 7474		20 Ps.

Principal