

## Tender inviting quotations

No. – 01/2018 – 19

Date – 17/03/2018

Quotation in sealed envelope is invited from the bonafide suppliers for the following equipments for physics laboratory of **Class-I brand** within 7 days.

Sl. No.	Item	Quantity
1.	Ballistic Galvanometer: (i) Measurement of charge and current sensitivity. (ii) Measurement of CDR.	1
2.	To compare capacitances using De'Sauty's bridge.	1
3.	L-C-R Board with digital L-C-R multimeter. (series R-C, series L-C-R & Parallel L-C-R for resonant, anti-resonant and quality factor)	2
4.	“Theorems Board” for Thevenin, Nortorn, superposition and maximum power transfer theorem.	3
5.	2inch good quality bar magnet	5 pair
6.	To determine the resistance of a suspended coil galvanometer by half deflection method and hence calculate the sensitivity of the galvanometer.	1
7.	To determine the Frequency of an Electrically Maintained Tuning Fork by Melde's Experiment and to verify $\lambda^2 - T$ Law.	1
8.	Mercury vapour lamp arrangement.	1
9.	Helium and Hydrogen discharge tube.	1
10.	Spectrometer prism.	4
11.	Diffraction Grating 100lines/mm	2
12.	Diffraction Grating 300lines/mm	2
13.	Resolving power slit with micrometer	1
14.	Determine wavelength of sodium light using Newton's Rings.	1
15.	To determine the wavelength of Laser light using Diffraction of Single Slit.	1

**Note:- After given these setups you have to demonstrate these experiments.**

**Principal  
Mankar College**