

TENDER NOTICE

Tender Notice No: Lab Equipment/Physics/1/2021

Date-04-03-2021

Quotations are invited for supply and installation of **Laboratory Equipment** as listed below for **Department of Physics** at **Srikrishna College, Bagula, Nadia**. Suppliers are hereby requested to submit their quotations in the college office with proper documents within **31st March 2021**.

Sl. No.	Name of Instrument/Experiment	Specification of the instrument / experiment	Name of the instrument manufacturer	Qty.
1.	To measure the dielectric constant of a dielectric materials with frequency.	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd. 452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
2	To verify the Stefan's law of radiation and to determine Stefan's Constant (Torch bulb set up)	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
3	To measure the resistivity of a semiconductor (Ge) with temperature by four-probe method (room temperature to 150 °C) and to determine its band gap.	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
4	To measure the mutual inductance of two coaxial coils at various relative orientations using a ballistic galvanometer.	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
5	To verify the law of Malus for plane polarized light.	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
6	Standard Amplitude Modulation & Demodulation Trainer	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / Salicon Nanotechnology Pvt Ltd Instruments, Swasthya Vihar, New Delhi/ SES Pvt. Ltd.452 Adrash Nagar, Roorkee/	1

			Sett & De, Kasipur, Kolkata	
7	Time Division Multiplexing Trainer	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / Salicon Nanotechnology Pvt Ltd Instruments, Swasthya Vihar, New Delhi/ Sett & De, Kasipur, Kolkata	1
8	Pulse Amplitude Modulation Trainer	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / Salicon Nanotechnology Pvt Ltd Instruments, Swasthya Vihar, New Delhi/ Sett & De, Kasipur, Kolkata	1
9	Pulse Width Modulation Trainer	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / Salicon Nanotechnology Pvt Ltd Instruments, Swasthya Vihar, New Delhi/ Sett & De, Kasipur, Kolkata	1
10	Pulse Position Modulation Trainer	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / Salicon Nanotechnology Pvt Ltd Instruments, Swasthya Vihar, New Delhi/ Sett & De, Kasipur, Kolkata	1
11	Polaroid Polarizer & Analyzer set for Precision Spectrometer, which can be adjusted with the telescope and collimator.	Mounted on a 360-degree circular scale with pointer. The size is universally fitted on any collimator or telescope.	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	2
12	To analyze elliptically polarized Light by using a Babinet's compensator.	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
13	Photo Electric Effect - Photo current versus intensity & wavelength of light, maximum energy of photo-electrons vs frequency of light.	A complete setup with all accessories (Instrument / experiment is to demonstrated at Physics Department)	DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	1
14	Spectrometer Prism	Size=32×32 mm, extra dense flint, refractive index= 1.648		6
15	Spirit level	For spectrometer levelling		6

16	Pinch Cock type Hoffmann	With flap, heavy type, For pipes up to outer diameter 1cm.		2
17	Thermocouple (Copper Constantan) with clamp and stand		DE-Tech, Kolkata-64 / SES Instruments Pvt. Ltd.452 Adrash Nagar, Roorkee / INCO, Ethiraj Salai, Chennai 600001/ Sett & De, Kasipur, Kolkata	2
18	Glycerine			4 lit
19	Hard glass beaker (100, 250, 500 ml)	Borosilicate glass beaker		4 (each)
20	Sodium Vapor lamp	Phillips SOX, 35W BY22d	Phillips Lighting	4

Terms and Conditions:

1. The suppliers must be *GST-Registered (photocopy of the GST Registration Certificate to be provided along with the quotation)*. Quotations of the unregistered suppliers would be summarily rejected.
2. The sealed cover should be duly super scribed with the enquiry no & date.
3. The quotations should be made by the suppliers in their original letterheads clearly indicating the aforesaid goods/articles in details.
4. Price quoted should be inclusive of *GST, installation and delivery charges* up to Srikrishna College.
5. Rate and amount of GST for each item is to be specified in the quotation.
6. Warranty period must be mentioned in the quotation for all the items.
7. The above Rate Format is to be strictly followed. In case a supplier is unable to quote the rate against any item, the rate should remain blank for the respective Serial No. But in no case the row against the said Serial No. should be deleted by the supplier.
8. Validity of the quotation will be *at least 3(three) months* from the closing date of the enquiry.
9. Our enquiry no and date & Purchase order no. and date must be quoted on all correspondences and those should be duly signed and seal.
10. Suppliers must arrange to supply the materials within the stipulated time mentioned in the purchase order. This delivery time must be strictly adhered to. Failure to supply within the specified time will lead to cancellation of the order without notice.
11. The College reserves the right to accept or reject any quotation in part or full without assigning any reason thereto.
12. In all cases of disputes, the decision of the College shall be final & binding on you.
13. Payment will be done through *Check* after *receiving materials in good condition and Installation of the same*.
14. The contact number and mail id of the suppliers should be mentioned in the quotations.

Principal
Srikrishna College, Bagula