

# LALBABA COLLEGE

B+ NAAC ACCREDITED COLLEGE  
(Affiliated to the University of Calcutta)  
ESTD. - 1964

website : [www.lalbabacollege.net](http://www.lalbabacollege.net)  
e-mail : [lalbabacollege@yahoo.com](mailto:lalbabacollege@yahoo.com)



117, Grand Trunk Road,  
Belur Math, Howrah  
Phone : (033) 2654-6289

Ref.....

Date.....201

## TENDER NOTICE

### DEPARTMENT OF PHYSICS

01/Notice/19-20

Date: 24/07/2019

Quotations are invited under sealed cover from responsible suppliers for supplying the following items. The said quotation(s) should be submitted in strict conformity of specification of items given below within 10 days from the date of publication of the notice.

Selected supplier will have to supply the said items within the stipulated date failing which his/her/their prayer will be treated as cancelled.

Further, the college authority reserves the right to accept and/or reject any quotation(s) without assigning any reason.

#### Items:

Sl. No.	Name of the instruments/Apparatus	Specification	Amount (Rs.)
01	Verification of Thevenin & Norton theorem and superposition theorem.	The apparatus complete with two D.C. Power supply, one voltmeter and one ammeter, required fixed and variable resistance to perform the theorem.	
02	Determination of the Coefficient of thermal expansion of a metallic rod using an optical lever.	The experiment complete with Pulinger's apparatus with Aluminum, Iron and Brass rod, Optical Lever (Brass body), Cu Boiler, Heating arrangement, Rubber tube, Thermometer, Meter Scale, Reading Telescope etc.	
03	Verification of Stefan's law of radiation by the measurement of voltage and current of a torch bulb glowing it beyond draper point.	The apparatus complete with variable D.C. Power Supply, One Voltmeter, One Ammeter, Torch Bulb with mounting arrangement, circuit diagram etc.	

Cont.....

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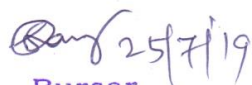
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Date.....201

[2]

04	Calibration of a thermocouple by direct measurement of the thermo emf using operational amplifier.	The apparatus complete with operational amplifier (741) with d.c. power supply, one voltmeter, thermocouple, Heating arrangement, circuit diagram etc.	
05	To determine the Coefficient of Thermal Conductivity of a bad conductor by Lee and Charlton's disc method.	The experiment complete with Lee's and Charlton's apparatus, cu Boiler, Heating arrangement, Thermometer, three different types bad conductor, etc.	
06	To determine the Temperature Coefficient of Resistance by Platinum Resistance Thermometer (PRT) using constant current source.	The experiment complete with Platinum resistance thermometer, meter bridge, constant current source, Galvanometer, Resistance box, Rheostat, key etc.	
07	Determination of the pressure coefficient of air using Jolly's apparatus	The experiment complete with Jolly's Apparatus, Heating arrangement, Beaker, Thermometer, Mercury, Rubber Tube etc.	
8.	Single side jack wire	As per specimen	
9.	Both side jack wire	As per specimen	
10.	Computer Table	As per specimen	
11.	LaserJet Printer (different model)	Black & White A4 size (with scanner and without scanner)	
12.	D.C Digital Micro-ammeter	0 – 200 $\mu$ A	
13.	D.C Digital Milli-ammeter	0 – 200 mA	
14.	D.C digital voltmeter	0 – 20 V	
15.	Single unit resistance (Manganin coil)	.1 $\Omega$ , .2 $\Omega$ , .5 $\Omega$ , 1 $\Omega$ , 2 $\Omega$ , 5 $\Omega$ , 10 $\Omega$ ,	

N.B. : Amount must include GST, delivery charge, fitting charge & demonstration



Bursar

Lalbaba College

117, G. T. Road, Belurmath  
Howrah - 711202



Principal

Lalbaba College

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