



चरैवेति चरैवेति

# SHIBPUR DINOBUINDHOO INSTITUTION (COLLEGE)

(1948)

Degree & P.G. College (Affiliated to the University of Calcutta)

Re-Accredited with "B" Grade (2.50/4.00 CGPA) by NAAC

Memo No. NIT/PHY/DEV/DHESTBT-2A

Dated 20/07/2019

## TENDER NOTICE

Quotation in sealed covers and addressed to the undersigned are invited for the following **LABORATORY INSTRUMENTS:**

No	Instruments/Apparatus	Specification
C1	<ul style="list-style-type: none"><li>• Verification of Stefan' law using a torch bulb-1 set</li></ul>	<b>All vendors are requested to try to quote at least two options for each laboratory apparatus with varying qualities. Each one should have detail description as far as possible.</b>
C2	<ul style="list-style-type: none"><li>• Calibration of a thermocouple by direct measurement of the thermo-emf using operational amplifiers and the constants.[One end end in ice and another end at water bath which to be heated]-1set</li></ul>	
C3	<ul style="list-style-type: none"><li>• Construction of 4 bit shift registers (serial and parallel) using D type FF IC. -1set</li></ul>	
C4	<ul style="list-style-type: none"><li>• Construction of astable multivibrator using 555 timer.-1set</li></ul>	
C5	<ul style="list-style-type: none"><li>• Measurement of Plank constant using LED</li></ul>	
C6	<ul style="list-style-type: none"><li>• Determination of ionization potential of Mercury</li></ul>	
C7	<ul style="list-style-type: none"><li>• Determination of <math>e/m</math> by using bar magnet.</li></ul>	
C8	<ul style="list-style-type: none"><li>• To study the photo-electric effect: variation of photocurrent versus intensity and wavelength of light.</li></ul>	

Last date of submission: **Thursday,26.07.2019 up to 1P.M.**

Tenders are to be emailed to: **"tenders.sdbic@gmail.com"**

Dr. Manideep Chandra  
Principal

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