



**DEPARTMENT OF PHYSICS**  
**GOVT. GIRLS' GENERAL DEGREE COLLEGE**

7, Mayur Bhanj Road, Kolkata - 700 023

Telephone No. : 033-2448-1160, 033-2448-1171

E-mail : gggdc.coll@gmail.com

Website : www.govtgirlsekbalpur.com

Ref. No. : 2076/GGGDC

Date : 04/04/2022

**DEPARTMENT OF PHYSICS**  
**TENDER NOTICE**

Sealed quotations are invited from the competent concerns/authorised manufacturers/dealers to supply equipments to the Department of Physics, Govt. Girls' General Degree College, 7, Mayur Bhanj Road, Kolkata 700023 for setting up laboratory of Semester based B.Sc. (Honours) subject under CBCS to the following terms and conditions.

**KINDLY QUOTE PRICES INCLUDING GST**

**Terms and Conditions**

1. Quotations are to be addressed to 'The Principal, Govt. Girls' General Degree College, 7, Mayur Bhanj Road, Kolkata 700023'.
2. The Quotations are to be sent to the Principal's Office on or before **12.04.2022** upto **1.30 p.m.**
3. The sealed quotations will be opened on **12.04.2022** at **2.00 p.m.**
4. For every item in the quotation, the Name of the Manufacturer must be clearly mentioned along with the price list, catalogue number, batch number, quality etc. of the items stated in the Supplied Sealed Quotations. **Please provide GST charges for every single item maintaining serial order of the items**
5. Quotation should be accompanied with S.T and I.T clearance certificate. Without S.T and I.T clearance certificate, quotation will not be accepted.
6. Quotation from any concern having any connection with a member of the staff of this college will not be accepted.
7. The quotation for each item must include delivery and free demonstration charges, if any. Such charges are to be mentioned separately.
8. The quotation should confirm exactly to the specific model and manufacturer mentioned in the tender (if any)
9. Quotations are invited for the items given in **Annexure I**
10. The College reserve right to accept or reject any quotation in part or full without assigning any reason. Also visit our website [www.govtgirlsekbalpur.com](http://www.govtgirlsekbalpur.com)

Soma Mandal  
04.04.2022

Head,  
Dept. of Physics  
GGGDC

By Order  
Principal  
GGGDC

  
4/4/22

Principal  
Government Girls' General  
Degree College  
Kolkata



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**ANNEXURE I**

Requirement details in the **Department of Physics**

**SEMESTER V**

Sl. No	Experiment Set Up	Quantity
CC11-1.	To determine Brewster's angle for air-glass interface using a prism.	1 Set
CC11-2.	To study Fresnel's law by the reflection on the surface of a prism.	1 Set
CC11-3.	To verify the Malus law using a pair of polaroids.	1 Set
CC11-4.	To study the specific rotation of optically active solution using polarimeter.	1 Set
CC11-5.	To determine dispersive power and resolving power of a plane diffraction grating	1 Set

**SEMESTER VI**

Sl. No	Experiment Set Up	Quantity
CC13-1.	Construction of 4 bit shift registers (serial & parallel) using D type FF IC 7476.	1 Set
CC13-2.	Construction of $4 \times 1$ Multiplexer using basic gates and IC 74151.	1 Set
CC14-1.	To study BH hysteresis of ferromagnetic material	1 Set
CC14-2.	To determine dielectric constant of different materials (solid and liquid) using fixed frequency alternating source.	1 Set
CC14-3.	Measurement of variation of resistivity in a semiconductor and investigation of intrinsic band gap using linear four probe	1 Set
CC14-5.	To study temperature coefficient of a semiconductor (NTC thermistor) and construction of temperature controller with comparator and relay switch.	1 Set

**OTHERS**

Sl. No		Quantity
1.	Transformer (for regulated power supply)	1

Soma Mandal  
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