



Tel: 0532-2250702

C.M.P. Degree College, Allahabad
(A Constituent College of Allahabad University)
M.G. Marg, Allahabad- 211002

Ref No. CMP/1081/2023

Date: 31/10/2023

LTE

Dear Sir/Madam

C.M.P. Degree College invites quotation from registered firms for purchase of equipments for Physics Department. Quotations are invited from individual registered firms by hand /registered post up to 2.00 P.M. on 09.11.2023 and shall be opened at 2.30 P.M. on the same day. Please quote your rates in attached bill of quantity. Interested bidders may download the tender documents from the college web-site address: www.cmpcollege.ac.in. Write tender No. CMP/1081/2023 on envelope.

Sl.No	Description of items	Quantity	Amount
1	List enclosed		

1. While submitting the quotation following should invariably be mentioned:

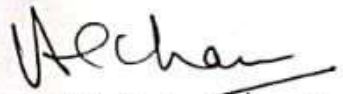
- Details of specification.
- Lowest rate F.O.R. destination.
- Discount, if any.
- GST at confessional rate as applicable to the Educational Institutions.
- Period of validity.
- Firm delivery time from the date of receipt of confirmed order, condition of supply and terms of payment.

N.B.

- Under no circumstances unsealed quotation will be entertained in the office.
- Quotations received after the due date shall not be considered.


31.10.2023
Convenor

Purchase Committee


Principal 31/10/23

Detail Specification of Items


Sl.No.	Description of Items	Quantity
01	<p>FARADAY EFFECT WITH DIODE LASERS SPECIFICATION</p> <p><u>Experiments:</u> Exp-1 Observing the rotation of the polarization plane when polarized monochromatic light passes through flint glass under influence of a magnetic field. Exp-2 Determining Verdet's constant from the relation between rotation angle and magnetic flux. Exp-3 Verification of the relationship between Verdet's constant and wavelength</p> <p>OPTICAL BENCH TRIANGULAR Material : Aluminum extrusion Type : Triangular shape Scale : 0-100cm Least count : 1mm This optical bench is rigid, heavy, stable and long lasting. It has four levelling screw and flexible feet.</p> <p>DIODE LASER Peak wavelength : 635nm Operating voltage : 5V DC Operating current : 250mA Optical power : 0.4-0.8mW Laser product : Class II Operating temp. : 0 - 40°C Storage temp. : -10 to 50°C</p> <p>POWER SUPPLY 0-30V DC Input Voltage : AC 220V ±5% Output Voltage : 0-30V Output Current : 0-10Amp Voltage Display : 3½ Digit LED Current Display : 3½ Digit LED</p> <p>DIGITAL GAUSS METER Range : 200 G & 2 kG Resolution : 1G at 0 - 200G Power : 220 V, 50 Hz AC Hall probe : InAs</p> <p>ELECTROMAGNET UNIT Coils : 300 turns. Current : 10Amp (Max.) Wire : 18SWG, Cu. Connection : 4mm safety socket. U Core : 150x130mm(LxH), 40x40mm cross section Pole piece : Length=80mm Material : Ferromagnetic.</p> <p>POLARIZER / ANALYZER Angle : Adjustable (0°-90°) Aperture : 21mm dia. Frame : 130mm dia. blackened , to avoid scattering of light Rod : 10 mm dia.</p>	1 Set

A. Kumar
 Convener

Physics Department
 M.P Degree College
 Prayagraj

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	<u>TRANSLUCENT SCREEN</u> Material : Translucent, Acrylic. Size : 300 x 300 mm Rod : 10 mm diameter	
02	<u>ELECTROMAGNET UNIT</u> Compatible with our old Faraday Effect setup	01
03	<u>FLINT GLASS</u> Compatible with our old Faraday Effect setup	01


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