

Phone: 2669 0221

Prabhu Jagatbandhu College

JHOREHAT, P.O.: ANDUL-MOURI, HOWRAH-711302
BLOCK – SANKRAIL, SUB-DIVISION – HOWRAH SADAR
ESTD: 1964, (NAAC ACCREDITED)

Email: info@prabhujagatbandhucollege.edu.in, Website: www.prabhujagatbandhucollege.edu.in

Ref. No. 317/PJC/Q023

Date 10.07.2023


TENDER NOTICE

Sealed quotations are hereby invited from the reputed vendors for purchasing laboratory equipments for different departments of the college. Vendors are requested to submit the tender within 15.07.2023.

TERMS:

- 1) Vendor must have valid GST Registration.
- 2) Materials for the assembled computers should be supplied individually as per specs, in sealed condition. Assembling and installation should be done at our chosen location, in our college premises.

Date and time of submission of quotations to college office: 15.07.2022, 3 p.m.


Dr. Subrata Kumar Ray
PRINCIPAL

Principal
Prabhu Jagatbandhu College
Jhorehat, Andul- Mouri, Howrah
Pin Code- 711 302

Requirements for Physics Department:

1. Optical Bench
2. Spectrometer
3. Diffraction Grating
4. Newton's Rings Setup
5. Fresnel Biprism
6. Polarimeter
7. He-Ne Laser
8. Spectral Lamp (Mercury, Sodium, etc.)
9. Hall Effect Setup
10. Millikan Oil Drop Apparatus
11. e/m (Thomson's) Apparatus
12. Sonometer
13. Potentiometer
14. LCR Meter
15. Cathode Ray Oscilloscope (CRO)
16. Function Generator
17. Digital Multimeter
18. Wheatstone Bridge
19. Vernier Callipers
20. Screw Gauge
21. Simple Pendulum
22. Resonance Tube Setup
23. Boyle's Law Apparatus
24. Stefan's Law Apparatus
25. Biot-Savart Apparatus
26. Spherometer
27. Power supply: To provide electrical current for the electromagnet.
28. Iron core: A ferromagnetic material used as the core of the electromagnet.
29. Copper wire: Insulated copper wire to wind around the iron core to create the coil.
30. Battery: To power the electromagnet.
 31. Switch: To control the flow of current through the electromagnet.
 32. Ammeter: To measure the current flowing through the electromagnet.
 33. Voltmeter: To measure the voltage across the electromagnet.
 34. Rheostat: A variable resistor used to adjust the current flowing through the electromagnet.
 35. Magnetic compass: To detect and measure the magnetic field produced by the electromagnet.
 36. Iron filings: Used to visualize the magnetic field lines around the electromagnet.
 37. Gauss meter: A device used to measure the strength of the magnetic field produced by the electromagnet.

38. Hall probe: A device used to measure the magnetic field strength and polarity.
39. Horseshoe magnet: Used for comparison and demonstration purposes.
40. Magnetic material (paperclips, nails, etc.): Used to demonstrate the magnetic properties of the electromagnet.
41. Connecting wires: To connect the various components of the circuit.

Requirement for Geography Department

1. Total Station, Quantity - 1
2. Portable Weather Station, Quantity - 1
3. Transit Theodolite, Quantity 2
4. GPS Etrex 10

Requirement for Chemistry Department

1. 4 digit Balance
2. Electrodes: Silver and fluoride
3. Colorimeter
4. Digital polarimeter
5. Motor suction pump
6. Conductivity meter (systronics)

Requirement for Food and Nutrition Department

1. Refrigerator
2. Gas oven, gas lighter
3. Pressure cooker
4. Microwave oven
5. Grater, Mortar pestle, Grinding stone (sil Nora)
6. Kadai, khunti, Tongs (steel)
7. Bowl & plate (different size)
8. Container (glass & plastic)
9. Growth chart
10. Barometer
11. Skin fold caliper , spring balance
12. Shakir tape , Head circumference measuring tape

13.Showcase

Requirement for Food and Botany Department

Haemocytometer :1pc
Stage ocular :6pc
Camera lucida :6pc
Micropipette set (Variable) (0-20 μ l, 100-1000 μ l) :1pc of each
Respiroscope :1pc
Hand held digital pH meter :1pc
Laminar air flow :1pc
Colorimeter :1pc
Glass goods Burette :4pc
Chromatography chamber (jar) :1pc
Measuring cylinder 10ml :6pc
Measuring cylinder 100ml :6pc
Glass pipette (0.2ml, 1ml, 2ml, 5ml) :2pc of each
Slides of Blue star :1 box
Jam bottle :6pc
Burette stand :4pc
Micropipette stand :1pc
Falcon tube 50ml :Standard pack
Cotton Blotting paper
Wattman filter paper :2box
Glass pipette stand :1pc
Test tube rack :2pc
Mortar and pestle :3pc of each

Requirement for Food and Zoology Department

Autoclave machine	1
Agarose gel electrophoresis apparatus	1
Centrifugal machine	1
Waterbath	1
Rotary microtome	1
Sahli's Hemoglobin meter	1
Elisa kit	1

Chromatography paper	1 unit
Digital blood pressure machine	2
Blood group detection kit	1
Refrigerator (single door)	1
Digital weighing machine	1
Micropipette	5
Agarose powder	10 grams
Burette stand with base (plastic)	10
Micro test-tube	1 box