

**OFFICE OF THE PRINCIPAL, GOVERNMENT POLYTECHNIC, NAYAGARH**

AT- GHASADEIPUR, PO-NANDIGHORE, PS-ODAGAON, DIST-NAYAGARH, PIN-752081

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Website: - www.governmentpolytechnicnayagarh.org, e-mail id: - principalgpnayagarh@gmail.comNo. 952 /GPNYG/Dtd. 13/08/26**Quotation call notice**

Sealed quotations are hereby invited from reputed, experienced and authorized suppliers/ firms for the supply of **APPLIED PHYSICS LABORATORY ITEMS** mentioned below to **Govt. Polytechnic, Nayagarh.**

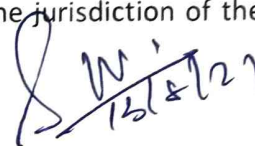
Details of Items with specification

SL. NO.	EQUIPMENT'S NAME	DESCRIPTION
1	Vernier Caliper	L.C-0.01 cm, Stainless Steel, Must come with standard 1 yr warranty and must be packed with a plastic thick case for safety.
2	Screw Gauge	25 mm Carbide tipped C frame:thick cast iron/ss alloy Thimble and ratchet :shock and corrosion-proof hard alloy
3	Spherometer	Brass Body 0.01 mm
4	Base Plate	Size- 10 cm*10 cm *5 mm Durable material – made from high-quality transparent glass for long-lasting use.
5	Watch Glass	75 mm dia
6	Plane Mirror with holder	Acrylic mirror, size 25mm × 100mm (For verification of laws of reflection)
7	Pins(push pins)	
8	Rectangular Glass Slab	75 X 50 X 18 mm
9	Meter Scale	1 meter long, steel
10	Parallelogram Law of Force Apparatus / Gravesand 's Apparatus	Board Size: Approx. 450 mm × 600 mm. Base Material: Heavy-duty cast iron or aluminium base with stainless steel attachments • Must include-Weight :- 50*5gm slotted weights (Set of 3) and 3 no.s of weight hangers & 2 set of Z pulleys
11	Hooke's Law Apparatus	Must be supplied with slotted weights (10g X 05). Dimensions (L × W × H): Approx. 15 cm × 12 cm × 60 cm or more Weight: Approx. 1.2 kg
12	Flywheel Apparatus with new counter	Fly wheel dia 20cm with counter Must be provided with slotted weights of 500 gm X 5
13	Ohm's Law Apparatus Kit	Must supply with patch cords
14	Resistance in Series and Parallel Appratus Kit	Must supply with patch cords

15	Parallel Plate Capacitor Apparatus Setup	Plate diameter 100mm minimum Connecting Leads Must be Supplied with flexible laboratory-grade patch cords
16	Capacitance Meter (digital with display)	Display: 3½ digit LCD display with a minimum reading of 1999 counts, featuring data hold and backlight functions. Capacitance Measurement :Range: 0.1 pF to 20 mF Resolution- 0.1 pF must be supplied with patch cords
17	Digital multimeter	Display: 3½ digit LCD display with a minimum reading of 1999 counts DC Voltage: Up to 1000V (common ranges: 200mV, 2V, 20V, 200V, 1000V) with typical accuracy 0.5%. AC Voltage: Up to 750V RMS (standard frequency response up to 1kHz or higher). DC/AC Current: From micro-amps (μ A) up to 10A. Resistance: From 0.1 Ω up to 20 M Ω or 60 M Ω . Test Leads (Probes): One red (positive) and one black (negative) insulated wire with shrouded banana plugs at one end and sharp metal probe tips at the other. Batteries: Standard power sources like a 9V battery or 2–4 AA/AAA batteries, depending on the model size
18	Regulated DC Power Supply	0–10 V DC Continuous Variable Regulated DC Power Supply Input Specifications Input Voltage: 220 V AC $\pm$ 10% Input Frequency: 50/60 Hz Maximum Output Current: 2 A Suitable quantity of output patch cords
19	Analog Half deflection method trainer Kit	Must supply with patch cords
20	Conversion of Galvanometer into Voltmeter and Ammeter Apparatus/trainer Kit	Must supply with patch cords
21	Pn Junction Diode Characteristics Apparatus with Digital meter, Regulated power supply	Type: solid-state based PN Junction Diode Characteristics Apparatus for studying the V-I characteristics of Silicon (Si) and Germanium (Ge) diodes under forward and reverse bias conditions. Must supply with patch cords
22	Portable Wooden Drawing Board	Size-A3 450 X 300 mm
23	Physics Lab Table	Size- 4' X 3' X 3'
24	Steel Chair	Arm Nylon Gotted
25	Steel Almirah Without internal Drawer /locker	2 door 5 shelves cabinet Size-48" X 24" X 78"

Terms and conditions

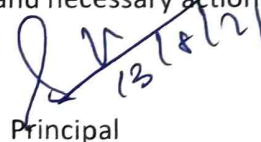
1. The quotation should be submitted in a sealed envelope superscribed "Quotation for Supply of APPLIED PHYSICS LABORATORY items".
2. The quotation must reach the office of the undersigned on or before **31.08.26 by 12PM**.
3. The quotation will be opened on **31.08.26 at 4PM** in the presence of the bidders or their authorized representatives, if they wish to attend.
4. The quoted rates should be inclusive of all taxes, transportation, loading, unloading, installation (where applicable) and other incidental charges.
5. The materials supplied must conform to the prescribed specifications and be of standard quality.
6. The supplier shall complete the delivery within **15 days** from the date of issue of the purchase order.
7. Payment will be made only after satisfactory supply, inspection and acceptance of the materials.
8. The undersigned reserves the right to accept or reject any or all quotations without assigning any reason thereof.
9. Any dispute arising out of the supply shall be subjected to the jurisdiction of the local court.


Principal

Govt. Polytechnic, Nayagarh

Memo. No. 953 /GPNYG/Dtd. 13/08/26

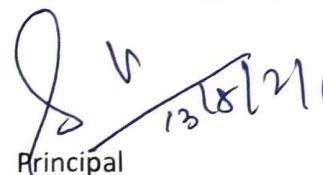
Copy to HOD Humanities & Science Department for information and necessary action.


Principal

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Copy to institution notice board/ Institution website for information & wide circulation.


Principal

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