

GOVT. POLYTECHNIC
BALASORE



ସରକାରୀ ପଲିଟେକ୍ନିକ
ବାଲେଶ୍ୱର

At-Bidyadharpur, PO-Remuna, Dist-Balasore, Odisha-756019, Phone/Fax-06782 275577
Email Id-govtpolytechnic.bis@rediffmail.com, Website-http://gpbalasore.org.in

QUOTATION CALL NOTICE

No. _____/Date _____/

Sealed Quotations are invited from reputed registered Firms/Supplier/Agency having valid up to date clearance Certificate towards GST /Income Tax Clearance (PAN No.) and good track records for the supply of items as per the specifications indicated.

The Quotations shall be submitted in sealed cover super-scribing "Quotation for laboratory equipments of Applied. Physics lab, Applied Chemistry lab & Engg. Mechanics lab" so as to reach the Office of the undersigned on or before Dt. 16.12.2024 at 1.00 P.M.

Quotations received after due date & time will not be entertained.

The quotation will be opened in the Office of Principal Govt. Polytechnic, Balasore on Dt. 16.12.2024, at 4.00 P.M. The Supplier/Vendors himself or their authorized representative may remain present during the opening of the quotation.

The undersigned reserves the right to reject any/all the quotations without assigning any reason thereof. For further details visit our website: <https://gpbalasore.org.in/>

Sd/-

Principal
Govt. Polytechnic, Balasore

Memo No. 1605(8)/Date 04/12/24

Copy to Institution Notice Board/ Institution Website for information & necessary action./ Principal, Govt. ITI, Balasore / G.M. DIC, Balasore/District Employment Officer, Balasore with a request for display in their Notice Board for wide circulation.

Principal
Govt. Polytechnic, Balasore

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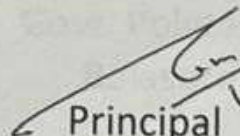
APPLIED PHYSICS LAB

①

| SL.NO | NAME OF THE APPARATUS | Price per unit |
|-------|--|----------------|
| 1 | Cantilever beam apparatus | |
| 2 | Digital Ultrasonic Interferometer | |
| 3 | Optical bench | |
| 4 | Convex lens | |
| 5 | Lens holder | |
| 6 | Optical needle | |
| 7 | Parallel plate capacitor | |
| 8 | Capacitance meter | |
| 9 | DC power supply(0-10)v | |
| 10 | Ammeter(0-1)A | |
| 11 | Voltmeter(0-10)v | |
| 12 | Connecting wire | |
| 13 | Resistor(100ohm,1kohm) | |
| 14 | P-n junction diode apparatus | |
| 15 | Multimeter | |
| 16 | Diffraction grating instrument | |
| 17 | He-Ne/ diode LASER | |
| 18 | Gratings elements(100,300 &600 lines/mm) | |
| 19 | Resistance wire | |

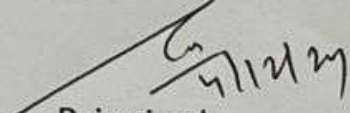
APPLIED CHEMISTRY LAB

| Sl.No. | Equipments | Price per unit |
|--------|---|----------------|
| 1 | Electric oven(18"*18"*18") 40Ltr.capacity temperature upto 250'c | |
| 2 | Muffle furnace | |
| 3 | Oven gloves | |
| 4 | Conductivity meter (Range-0 to 20), 200 micro S/m accuracy+ 1%range | |
| 5 | Magnetic stirrer(250-1250 rpm) | |
| 6 | Bomb calorimeter | |
| 7 | Copper Plate(15 cm Length) | |
| 8 | Plug key | |
| 9 | Battery(12 volts) | |
| 10 | Connecting wires(alligator clips at two end) | |
| 11 | Voltmeter(digital type) | |
| 12 | Zn Rod(with screw system, length 15cm) | |
| 13 | Cu Rod(with screw system, length 15cm) | |
| 14 | Air dryer | |
| 15 | Copper Plate(15 cm length) | |


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ENGINEERING MECHANICS LABORATORY

| Sl. No. | Name and specification of equipment | Price per unit |
|---------|---|----------------|
| 1 | <u>Differential Axle & Wheel</u> An all metallic self contained apparatus useful for demonstrating to find mechanical advantage, velocity ratio, efficiency and Law of machine. | |
| 2 | <u>Jib Crane</u> Consisting of a tubular compression balance, pivoted about an axis fitted to the base. The tie chain has an adjustable angle bracket and fitted with a 10kg extension balance. Complete on wooden base with 1.2 meter jib with weight. | |
| 3 | <u>Coefficient of Friction Tester</u> comprises of an inverted steel layer that may be tilted at a certain position of -45° to 45° useful for determine coefficient of friction for horizontal and inclined plane. | |
| 4 | <u>Screw Jack</u> All metallic construction accurately machine cuts screw with a pitch of 5mm carrying a double fanged turn table of about 20cm diameter. Fitted on a heavy cast iron base and complete with two adjustable pulley, cord and hooks with weights. | |
| 5 | <u>Simply Supported beam Apparatus</u> A bench mounted base supports two vertical pillars at either end, or a high top section used for suspending components useful to determine support reaction. | |
| 6 | <u>Law of Polygon of forces apparatus</u> Wooden board of about 75x 70 cm size provided with two wall brackets and four adjustable frictionless aluminum pulleys, complete with four One kilogram weights and one scale pan. Useful for derive resultant forces. | |
| 7 | <u>Model of geometrical figures for Centroid</u> Wooden models of geometrical figures with vertical stand useful for find out Centroid. | |


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