



OFFICE OF THE PRINCIPAL, GOVERNMENT POLYTECHNIC, DHENKANAL

At-Mahisapat, Dist- Dhenkanal-759001

E-mail:wpdhenkanal@rediffmail.com Website: www.gpdhenkanal.org



Quotation Call Notice

No: 546 /Dt: 26.3.2026 /

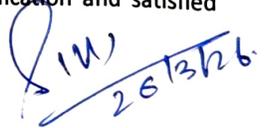
Sealed quotations are invited from the interested Suppliers having valid GST within 15 days from the date of issue of the Notice. The quotations will be opened at 11.00 AM on dt. 16.04.2026 in office chamber of Principal, Govt. Polytechnic, Dhenkanal in presence of Institute purchase committee members or their authorized representatives. The quotation received after due date will not be entertained.

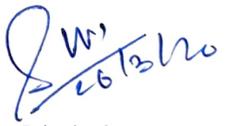
Terms and Condition

1. The envelope containing the quotation must be sealed and super scribed as Quotation for supply of Instruments/Equipment for Applied Physics I & II Lab (As per Annexure I & II).
2. Sealed envelopes containing quotation are to be sent by Register Post/Speed Post. No alternative items should be quoted to avoid confusion.
3. The undersigned reserves all rights to accept or reject the quotation in full or part thereof without assigning any reason thereof.
4. Only firms with valid GST Number (GST amount to be mentioned in the quotation) & invoice should submit the quotation.
5. Payment will be released through RTGS/NEFT/Cheque mode only after verification and satisfied demonstration at this end.

Memo No. 547 /Dt. 26.3.26

Copy to INB of Govt. Polytechnic, Dhenkanal/Institute website/ NIC Website of Collectorate Dhenkanal/Dist. Employment officer, Dhenkanal / DIC, Dhenkanal for information with a request to place it in their noticeboard for wide publication.


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(Annexure I)

1. List of Equipment/Instruments for Applied Physics I Lab with their specifications and Quantity

SL NO.	NAME OF ITEMS	DESCRIPTION	QUANT
1	Test tube	Test tube (made of plastic, 10-20ml)	20
2	Beaker	Beaker (made of plastic, 25ml)	20
3	Parallelogram law apparatus/grave stand apparatus	<ul style="list-style-type: none">Material: metal (wooden frame is not acceptable)The apparatus must includes slotted weights (50 x 5 gm) of three 03 set3 sets of weight with hanger and 2 set of Z pulley must included	01set
4	Friction board apparatus	<ul style="list-style-type: none">Completely horizontal wooden frame wooden frame and glass runway and horizontally frictionless pulley attached at the edge.A friction block (wooden block) must be provided with the apparatus. The block contains a hook for thread.Steel balancing pan to be suspended vertically with friction board apparatusDiameter of pan(between 10cm)	03 set
5	Graduated spring weight balance	Range: (00-500 gm)	01
6	Hooke's law apparatus	<ul style="list-style-type: none">It must be constructed of metal base with mirror scale, a spring is supported with a weight holder at top and a pointer be attached to it.The spring constant value of spring not more than 50 gm/cm.	02 set
7	Flywheel apparatus	<ul style="list-style-type: none">Company must provide slotted mass with hanger.	01 set
8	Laboratory Glass Mercury thermometer	<ul style="list-style-type: none">It is a mercury filled thermometer.Height : 30cm long with plastic case for better handling of thermometerGood quality printing with yellow background and silver indicator.It must comes with a hanging stand	05
9	Hot electric kettle	<ul style="list-style-type: none">Electric kettle	02



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10	Digital stopwatch	<ul style="list-style-type: none"> Electronic digital LCD stop watch chronograph 1/100th of a second with lap/split control. 	02
11	Stoke's law tube / Viscosity apparatus	<ul style="list-style-type: none"> Borosilicate glass/strong acrylic tube of 35mm diameter and 1.20meter long. It should be made to stand firmly in between 3 upright metal bars with the help of clamps on a heavy cast iron base. The lower side of tube should be closed, whereas on the upper end a rubber cork with hole should be provided. Glass tube is graduated in centimeters from 0 to 100 cm. There should be an exactly 20 cm long marking points towards the very bottom of the tube 	02
12	Small aluminum/steel sphere set	<ul style="list-style-type: none"> Outer dia- 2.5cm (1 piece) 1.5cm (1 piece) 1 cm (1 piece) 0.5 cm (1 piece) <p>Aluminum material/perfect sphere of known density</p>	2set
13	Glycerin	Refined glycerin	6 ltr
14	Linear expansion apparatus	<ul style="list-style-type: none"> Comprise of a 50cm metal rod, 4.5 mm in diameter and the apparatus is fitted with a heavy base with an adjusting screw at one end and a micrometer screw at the other end for readings to 0.01mm resolution enclosed in a metal tube with three tubules for steam inlet, outlet, and thermometer. The metal rod to be investigated is supported in the steam jacket by detachable rubber bungs situated at each end of the tube supplied with 3 rods (copper, steel, aluminum). The stand/ base should be made up of metal 	2 set
15	Electric Steam generator With steam conducting pipe	<ul style="list-style-type: none"> Steam Generator should brings 3/4 of a liter of water to boil in 10-20 minutes and provide continuous steam at up to 10 gram/min. It must come with steam carrying pipe. 	1 set
16	Optical Bench	<ul style="list-style-type: none"> Parallel guide rails 	01

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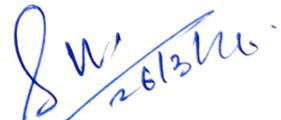
Annexure-2

1. List of Equipment/Instruments for Applied Physics I Lab with their specifications and Quantity

Sl. No.	Items	Specification	Quantity
1	Cantilever Apparatus, With G-Clamp	100 cm Rectangular bar, Steel Made	5
2	Slotted Weight (With Hanger)	250gm ;5x50gm, Steel Made	5
3	Plane Mirror Along With Holder	5 x 10 cm size With Holder	20
5	Pins & Push Pins	In packets- Iron Made	5
6	Single Channel Continuously Variable DC Regulated Power Supply	(0-15 V/ 1 Amp) (Two Digital Meters)	3
7	Plug Key	One Way With Half Inch Brass Block	5
8	Multimeter Digital	For AC, DC, ampere, mA, μ A, F, μ F along with other features	5
9	Resistance Wire (100 gm)	Cotton Coated	10
10	Resistor 100 Ohm	1 watt	10
11	Resistor 220 Ohm	1 watt	10
12	Resistor 330 Ohm	1 watt	10
13	Resistor 1000 Ohm	1 watt	10
14	Resistor 2200 Ohm	1 watt	10
15	Resistor 3300 Ohm	1 watt	10
16	Diode Trainer Kit Silicon(Si)	In built Digital Ammeter and Voltmeter	2
17	Diode Trainer Kit Germanium (Ge)	In built Digital Ammeter and Voltmeter	2
18	Parallel Plate Capacitor	Movable Plate	3
19	Optical bench	Scales fitted (Steel Made)	3
20	Uprights for Optical bench	Metal stands	5
21	Convex lens	3" diameter	5
22	Lens holder	Metal, as per the Convex lens Size	5
23	Optical Needle	Object needle (thin)	5
24	Optical Needle	Image needle(thick)	5


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