

OFFICE OF THE PRINCIPAL, GOVT. POLYTECHNIC
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No 1153/GP/B/ dt. 23.10.25

QUOTATION CALL NOTICE

Sealed quotations are invited from reputed authorized dealers / firms for supply of the following as per copy enclosed to Govt. Polytechnic, Bhadrak.

1. Supply of Library Books as per copy enclosed at Annexure – I
2. Supply of Open Type Office Rack as per copy enclosed at Annexure – II
3. Supply of Canteen Dinning Table and Bench as per copy enclosed at Annexure – III
4. Supply of Tools & Equipment for Mechanics Laboratory as per copy enclosed at Annexure – IV
5. Supply and installation of MS Portable Security Cabin as per copy enclosed at Annexure – V
6. Supply of Applied Physics Lab –II Equipment as per copy enclosed at Annexure – VI

The last date for submission of quotation by Speed post / In person is up to 30.10.2025 up to 5 p.m and the same shall be opened on dt. 31.10.2025 in this office in the presence of the bidder or their authorized representative. The authority reserves the right to accept or reject any or all the quotations without assigning the reason thereof.

Terms & Conditions

The rate should be included with all the taxes and Delivery charges.

1. Warranty as applicable to be provided for the required item as applicable.
2. The quotationer should submit the copy of GST clearance certificate of their firm otherwise the quotation may be summarily rejected.
3. Quotationer should submit Valid GST certificate along with PAN card.

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Memo No. 1154(2)/GP/B/ dt. 23.10.25

Copy to the institution Notice Board/ OIC(website) for uploading the Notice on the Institution Web site for wide Publication.

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Memo No. 1155/GP/B/ dt. 23.10.25

Copy to the Purchase committee members for information and they are requested to make it convenient to attend this office for the opening of the quotations and finalization.

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Annexure - I

1. SUPPLY OF TEXT BOOKS TO THE LIBRARY OF GOVT. POLYTECHNIC, BHADRAK

Sealed quotations are invited from interested book sellers or distributors for supply of books to the Library of Govt. Polytechnic, Bhadrak. The firms may submit the maximum discount on the printed/ catalogue price as per the following.

| Sl. No. | Description of items(Books) | Maximum discount on the printed/ catalogue price |
|---------|---------------------------------|---|
| 1 | Indian Edition and Indian Print | <i>To be quoted</i> |
| 2 | Foreign Edition & Indian Print | <i>To be quoted</i> |
| 3 | Foreign Edition & Foreign Print | <i>To be quoted.</i> |

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Annexure – II

Specification of Open Type Office Rack

Specification of Office Rack

Item: Office Storage Rack / File Rack

Material:

- Made of high-quality mild steel (MS) sheet of minimum **20-gauge thickness**.
- All steel parts shall be properly **powder-coated** with a minimum coating thickness of **40–50 microns** to prevent corrosion.

Dimensions (Approx.):

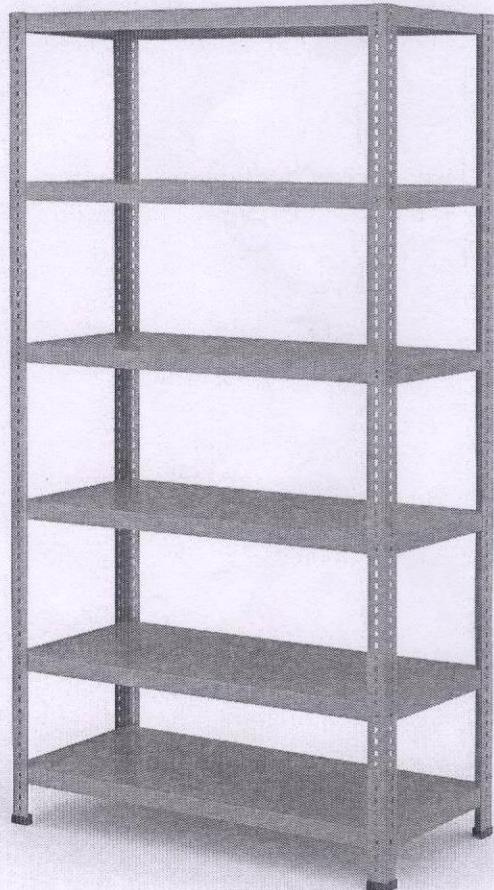
- Height: **6 feet (1800 mm)**
- Width: **3 feet (900 mm)**
- Depth: **1.5 feet (450 mm)**

Design:

- Rack shall consist of **5 adjustable shelves** (4 compartments).
- Each shelf should be capable of bearing a **minimum load of 80–100 kg uniformly distributed**.
- Shelves shall be supported by welded or bolted angle frames for rigidity.
- The rack should have **rubber/nylon base shoes** to protect the floor surface.

Finish:

- All surfaces shall be thoroughly cleaned, treated for rust prevention, and finished with **grey/ivory powder coating**.
- Edges should be smooth and burr-free.

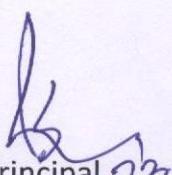


Warranty:

- Minimum **1-year warranty** against manufacturing defects.

Use:

Suitable for storage of files, registers, and office materials in institutional/office environments.


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Annexure – III

Specification of Canteen Dining Table and Bench

Item: Canteen Dining Table

Material & Construction of Dining Table and Bench

- **Table :** Made of **Jindal Stainless Steel (Grade 304)** sheet of **20-gauge (approx. 0.9 mm)** thickness.
- **Table Overall Size:** **1185 mm (Length) × 750 mm (Width) × 750 mm (Height)**
- **Bench :** Made of **Jindal Stainless Steel (Grade 304)** sheet of **20-gauge (approx. 0.9 mm)** thickness.
- **Bench Overall Size:** **1015 mm (Length) × 280 mm (Width) × 460 mm (Height)**
-

Finish:

- Stainless steel top to have a **matte / brush finish** for easy cleaning and durability.

Legs and Supports:

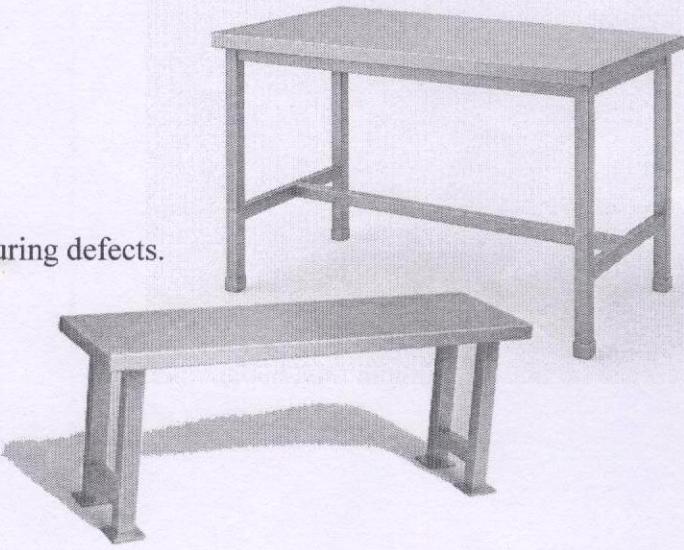
- Each leg fitted with **non-marking nylon shoes** for floor protection and stability.

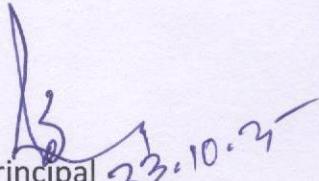
Capacity:

- Suitable for **4–6 persons** seating arrangement.

Warranty:

- Minimum **1-year warranty** against manufacturing defects.




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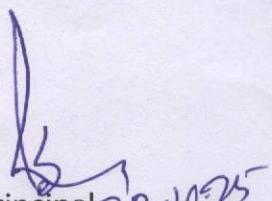
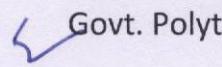

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Annexure – IV

List of Mechanics Laboratory Equipment

| Sl. No. | Name of Equipment | Specification / Description | Make |
|---------|--|--|------------------------------------|
| 1 | Wheel and Differential Axle Apparatus | <ul style="list-style-type: none"> - 3 pulleys made of anodized aluminum - 2 sets of weights - Ball bearing mounted steel shaft - Anodized aluminum base plate <p>Technical Data: Pulley diameters: 200mm, 100mm, 50mm Loose pulley: 75mm Weights: 2×1N (hanger), 4×0.5N, 4×1N, 4×2N, 4×5N Base plate: 300×250mm (hole spacing 280×230mm, D=10mm)</p> | AMBROS / Saini Scientific Industry |
| 2 | Jib Crane Apparatus | <ul style="list-style-type: none"> - Demonstrates tensile & compressive forces in a planar system - Various jib forms possible - Integrated spring balances - Max. load: 50N - Steel weights (galvanized) - Stainless steel retaining bar - Metal frame with handles and storage box <p>Technical Data: Tensile & compressive force range: 0–50N Dimensions: 600×200×670mm Weight: approx. 15 kg</p> | AMBROS |
| 3 | Simply Supported Beam Model (with Hangers and Loads) | <ul style="list-style-type: none"> - Material: Mild Steel - Size: 1 ft × 1.5 ft - Weight: 20 kg - Includes load hangers and weights (1×1N hanger, 4×1N, 1×5N, 4×10N) - For study of bending behavior of beams under load | AMBROS / 2VY Engineering |
| 4 | Regular and Irregular Shapes Lamina | <ul style="list-style-type: none"> - Set includes square, rectangular, circular, and irregular laminas - With metal plumb bob (2 m thread), stand, cord, and suspension board - Standard size for laboratory use | AMBROS |




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Annexure -V

Specification for MS Portable Security Cabin

1. Base Frame

- Constructed with **MS C-Channels (100mm × 50mm)** or **I-Beams (100mm × 50mm)**, fully welded for rigidity and load-bearing capacity.
- **Anti-rust coating** applied before painting.

2. Structural Frame

- Vertical corner posts and top framework made of **MS square pipes (50mm × 50mm × 3mm thickness)**.
- Reinforcement provided at door and window frames for extra stability.

3. Wall Cladding (Exterior)

- External surface covered with **1mm thick corrugated GI sheet** (Tata / Jindal / Essar make).
- Sheets to be **weather proof and rust-resistant**, welded and sealed properly to prevent leakage.

4. Stiffeners

- **Bottom stiffeners:** I-Beam (100mm × 50mm).
- **Top stiffeners:** MS square pipe (50mm × 50mm).
- Cross bracing provided as required for enhanced structural integrity.

5. Internal Wall Paneling and False Ceiling

- Made of **8mm Medium Density Fiberboard (MDF)**, white laminated finish for easy cleaning.
- False ceiling to include **thermocol or glass wool insulation** for heat resistance.

6. Roof

- Fabricated from **corrugated GI sheet (Tata / Jindal / Essar make)**, sloped for rainwater drainage.
- **Insulated layer (thermocol or rock wool)** below the roof for temperature control.
- Roof joints sealed with **silicon sealant** to make them watertight.

7. Flooring

- Base platform made from **18mm thick Cement Fiber Board** or **18mm Marine Ply**.
- Topped with **1mm thick anti-skid vinyl flooring**.
- Floor to be termite-resistant and water-sealed.



8. Windows

- **Aluminum sliding windows**, powder coated, fitted with **MS safety grills** and **tinted glass** for privacy and glare reduction.
- Standard window size: approx. 3' × 3'

9. Door

- One **insulated MS frame door** with locking arrangement, handles, hold draft, and door closer.
- Door size: 3' × 7'.
- Fitted with **heavy-duty hinges** and **rubber beading** for noise and dust protection.

10. Electrical Wiring and Fittings

- **Concealed PVC insulated copper wiring** as per IS standards.
- Supply: **220–240V, AC 50Hz.**
- Includes:
 - 1 × Ceiling fan
 - 2 × LED tube lights
 - 1 × External door light
 - 2 × Power sockets
 - 1 × Switchboard with MCB protection

11. Earthing

- One **earthing point** provided for safety in case of electrical faults.

12. Painting

- Surface prepared and applied with:
 - 1 coat of **Epoxy primer**
 - 2 coats of **Epoxy finish paint** (Color: As per client's choice)
- Interior painted with **washable enamel paint**.

13. Supports

- Cabin mounted on **four MS legs (6-inch height)** with base plates for easy placement on uneven surfaces.
- Provision for forklift pockets if required for portability.

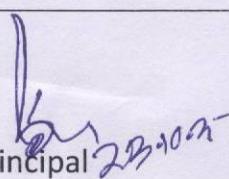
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Annexure -VI

| SL. No. | Name of Equipment, Machinery & IT items | Specification of Equipment, Machinery & IT items |
|---------|--|--|
| 1 | Cantilever beam | Graded Metallic beam of length 1m with hook at the tip |
| 2 | Optical bench along with optical needle and lens holder | Graded metallic rail of length 1 meter. |
| 3 | Ohm's law verification apparatus | Variable DC power supply 0-10V, Ammeter 0-5A, Voltmeter 0-10V, Rheostat, key and nichrome wire |
| 4 | Kirchoff's law verification apparatus | Digital meters: Ammeter 50mA DC and Voltmeter 12V DC, DC Supply IC Regulated 0-12V DC, 150mA operated on Mains power 230V, 50Hz, Resistance 2 Watts Voltage Control through Potentiometer. |
| 5 | Resistance of a galvanometer by half deflection method apparatus | DC Supply IC Regulated 0-10V DC, 150mA, operated on mains power 230V, 50Hz, Analog meters, Galvanometer 30-0-30, two no. of decade variable resistor are given on board. |
| 6 | Convert Galvanometer to ammeter apparatus | DC Supply IC Regulated 0-10V DC, 150mA, operated on mains power 230V, 50Hz, Analog meters, Galvanometer 30-0-30, 3 different resistor are given on board. |
| 7 | Convert Galvanometer to voltmeter apparatus | DC Supply IC Regulated 0-10V DC, 150mA, operated on mains power 230V, 50Hz, Analog meters, Galvanometer 30-0-30, 3 different resistor are given on board. |
| 8 | VI Characteristics of PN Junction diode apparatus | DC power supply of 0-12V, Voltmeter 0-10V, Ammeter (0-100 mA)/ (0 +(-) 100 micro Amp.), Resistor(100 ohm, 1 kohm) ,connecting wires |
| 9 | To Verify inverse square law of radiations using a photo-electric cell | <p><u>Power Supplies:</u> Operated on Mains power 230V, 50Hz+10%</p> <p><u>Digital Meters:</u> Ammeter 20 micro Ampere DC</p> <p><u>Features:</u> Sliding stand with precise measurement, Light source with height adjustment, One fixed stand and sliding stand is provided, photo detector with height adjustable facility</p> <p><u>Technical Specification:</u> Optics bench Length: 1m Light Source: Incandescent Lamp Wattage: 100W Detector: Photodiode/ Photo Cell</p> |
| 10 | Fortin's barometer | Mercury barometer with adjustable cistern, vernier reading, 6 mm glass tube bore, 640-810 mm Hg atmospheric pressure range, Included ambient thermometer attached to the instrument to allow temperature correction of pressure reading. Glass tube encased in brass, filled with mercury. |
| 11 | Double Inclined Plane | Both the plane should be of same dimension, smooth and hard with adjustable inclination. |


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