



# बी.एच.ई.एल. शिक्षा मण्डल

म.प्र. सोसायटी रजिस्ट्रेशन अधिनियम पंजीकृत नं. 12903

टेलीफोन / Ph. 2503047734/18/2349/3648  
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## B.H.E.L. SHIKSHA MANDAL

(Registered Under M.P. Societies Registration Act Regn. No. 12903)

एम.जी.एम. डिस्पेंसरी बिल्डिंग  
पिपलानी मंडल, भोपाल - 462022  
M.G.M. Dispensary Building  
Piplani, B.H.E.L., Bhopal-462022

BHEL SHIKSHA MANDAL  
M.G.M. Dispensary Building  
D-sector, Piplani, BHEL, Bhopal-462022  
Web: [www.bsmbhopal.com](http://www.bsmbhopal.com)

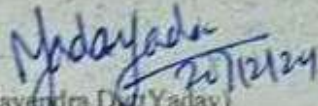
### NOTICE INVITING TENDER

Tender No. BSM/(P&S)/2024-25/1223

Dated: 20.12.2024

BHEL Shiksha Mandal (BSM) Bhopal, Invite sealed Tender in Two Part Bid System for the Supply of Science Material for VHSS and JNS (SW).

Details Description and Terms & Conditions of Tender Documents may be downloaded from BSM web site [www.bsmbhopal.com](http://www.bsmbhopal.com) or may be obtained directly from the Office of Secretary, BHEL Shiksha Mandal, MGM Dispensary Building, Piplani, BHEL, Bhopal on any working days from 21.12.2024 to 23.12.2024 except Second Saturday/Sunday/Holidays. Last date of submission of tenders is 23.12.2024 (up to 03.00 PM) at BHEL Shiksha Mandal office P&S Section.

  
(Yadavendra D. Yadav)  
SECRETARY

#### Tender Schedule

- |   |  |
|---|--|
| 1. Cost of Tender form                              | : Free of cost                               |
| 2. Date of issue Tender Documents                   | : 21.12.2024                                 |
| 3. Last date and time for Issue of tender documents | : 23.12.2024 at 02.00PM                      |
| 4. Last date and time for submission of tender      | : 23.12.2024 at 03.00PM                      |
| 5. Date of opening of Technical Bid                 | : 23.12.2024 at 03.30PM                      |
| 6. Date & time for opening Financial Bid            | : Will be intimated separately in due course |
- of time to only those bidders who qualify in technical bid.

QUALIFYING CTITERIA.

1. The bidders shall preferably be those who have been approved by/served to any Government/Semi Government Department/organization.
2. The bidder shall have experience for at least past 3 years preferably in supply of Science Material works and shall submit documentary proof in respect of the supply Science Material works.
3. The firm should have to submit the ITR/Balance Sheet copy & profit/loss statement copy for the last three years (i.e. 2021-22, 2022-23 and 2023-24).
4. The firm must have valid GSTIN Registration No., PAN No., Firm Registration
5. The Supplier should have an Average Annual financial turnover during the last 3 years, ending 31<sup>st</sup> March of the previous financial year, should be at least Rs. 69,600.00.
  - (a) Three similar completed works costing not less than the amount equal to Rs. 92,800.00 each.

OR
  - (b) Two similar completed works costing not less than the amount equal to Rs. 1,16,000.00 each.

OR
  - (c) One similar completed work costing not less than the amount equal Rs. 1,85,600.00

TECHNICAL BID

(It is mandatory for all Bidders: they should fill all fields “clearly” in this form)

1.	For the supply of Science Materials for BSM Schools (VHSS) and JNS (SW).		
2.	Name of Company/Firm/Agency and its Registration No.	:	
3.	Name of proprietor/Director of the Company/Firm registration must be enclosed)	:	
4.	Full Address of Reg. Office (A copy of Company/Firm registration must be enclosed)	:	
(a)	Telephone Nos.	:	
(b)	Fax No.	:	
(c)	E-mail Id	:	
5.	Details of Banker of the Firm with full Address	:	
(a)	Telephone Nos. of Banker	:	
(b)	Fax Nos. of Banker	:	
(c)	E-mail Id of Bankers	:	
6.	Bank A/c No. of firm for payments.	:	
7.	PAN, Firm Registration No. (Enclose a copy of the same)	:	
8.	GSTIN Registration (Enclose a copy of the same)	:	
9.	Details of EMD	:	
10.	Financial turnover of the tendering Company/ Firm Agency for the last three financial years: (Attach separate sheet if space provided insufficient)	:	

Financial Year	Amount (Rs. Lakh)	Remarks, if any
2021-22		
2022-23		
2023-24		

(Signature of authorized person)

Full Name:-

Place:-

Date: -

(Seal)

**TERMS & CONDITIONS:-**

1. Sealed tenders are invited from the prominent suppliers of Science Material under two part bid system (party-I Earnest Money (DD or cash receipt) and Technical Bid. In Part-II financial bid. The suppliers are required to prepare two sealed cover super scribed as (i) Cover-I Technical Bid, and (ii) Cover-II Financial Bid. Both covers should be kept in one main sealed cover as “Tender for Supply of Science Materials”.
2. The tender must be accompanied by Earnest Money of Rs. 4,500.00 The same can be deposited either by cash or Demand Draft in favour of BHEL Shiksha Mandal, Bhopal and shall be returnable to every unsuccessful tenderer.
3. Only unit rate should be quoted against each items and the rate should be inclusive of all taxes and for delivery of the materials at respective schools.
4. Manufactures name their trade mark and brand, if any should invariably be mentioned in the tender and illustrative leaflets giving technical particulars etc. if any attached to the tender to facilitate considerations of the offer.
5. Materials should be best quality and confirm to our specifications. Materials not confirming to these shall be rejected and returned to the supplier at their own risk and cost.
6. Date of affecting supplies in the event of an order should be recorded in the tender.
7. No enhancement of rate for whatsoever cause will be allowed once the quotation is accepted and the order is placed.
8. The quantities to be ordered may vary (+/-) 10% of the tendered quantity according to the actual requirements.
9. All the materials are required to be delivered within 1 week from the date of purchase order.
10. The tender should be kept open for acceptance for three days from the date of opening. BHEL Shiksha Mandal does not bind itself to accept the lowest or any other tender and reserved to itself the right to accept in full or in part any tender or reject all tender without assigning any reason whatsoever.
11. The tenderer has to submit to cover sealed in above manner at BSM Office P&S section or before as the date mentioned above positively. The tender shall not be accepted beyond the stipulated date and time under any circumstance whatsoever.\
12. The Technical bid will be opened on 23.12.2024 at 03.30 PM Hrs by the tender Committee of BSM, in its Office in the presence of the Tendererd of the authorized representative who wish to be present. The date and time for opening of Financial Bids of the technically qualified tenderers shall be communicated later as per convenience of this office.
13. Failure to supply the items within the stipulated time will attract penalty @1% of the order value per week of delay subject to a maximum of 10% of the order value. In such event, the management shall be within their right to cancel the order and procure the materials through any other source at the risk and cost of the supplier.
14. Any disputes arising out of this, shall be referred to the sole arbitration of the president, BHEL Shiksha Mandal, Bhopal or any other official nominated by him and his award shall be final and binding on both the parties.
15. Payment will be made within 15 days from the receipt and acceptance of material.

## Financial Bid

Supply of Science lab materials for BSM (i.e. JNS (SW) and VHSS). The price bid should be kept in separate sealed envelope superscripting " **Financial Bid**".

BHEL Shiksha Mandal Bhopal authorities reserves the full rights to increase/decrease the quantity of items in the time of award of tenders as per actual requirement. Make of materials should be Rankem, Fisher, Numex for Chemistry and Bio; Parco / R & Co for Physics and Borosilicates for glassware items.

### Physics

Sr No	Items	Unit	Total Required Qty	Basic Cost Per Unit ( In Rs)without GST	Total cost of quantity without GST	GST as applicable	Total Cost for given quantity Including GST
1	Ammeter ( 0- 10 ) Amp	No	5				
2	Ammonium Chloride -500gm	gm	1 kg				
3	Battery Eliminator 2 amp rotatory switch	No	2				
4	Concave Lens ( F= 15 cm)	No	5				
5	Concave Lens ( F= 20 cm)	No	5				
6	Concave Lens ( F= 25 cm)	No	5				
7	Convex Lens ( F= 15 cm)	No	5				
8	Concave mirror ( F= 15 cm)	No	3				
9	Concave mirror ( F= 20 cm)	No	3				
10	Cotton twisted thread (6 mm diam.) ( 500 gm)	gm	500 gm				
11	Coefficient of Friction apparatus of complete set	No	1				
12	Constantant Wire 100 gm	gm	100 gm				
13	Fuse ( 5 Amp)	No	30				
14	Galvanometer	No	10				
15	Milli ammeter (0-500 ) milliamperes	No	9				
16	Millivoltmeter (0-500) Millivolts	No	9				
17	Magnin Wire (100 gm)	gm	100 gm				
18	Meter Scale ( ½ Meter)	No	3				
19	Meter Scale ( 1 Meter)	No	3				
20	Meter bridge (Complete Set)	No	1				
21	Optical bench (1.5 meters)	No	1				
22	Optical Pins (thick 6 )	No	10				
23	Pencil Jockey	No	10				
24	Plug key one way	No	5				
25	Plain glass ( 4x4)	No	12				
26	Plain Mirror (4x4)	No	12				
27	Resistance box(1- 10000) Ohms	No	1				
28	Resistance box(1- 1000) Ohms	No	1				
29	Resistance coil 5 ohms	No	2				
30	Resistance coil 10 ohms	No	5				
31	Resistance coil 20 ohms	No	2				
32	Resistance coil 30 ohms	No	2				
33	Rheostat (0-200)ohms 3 ampere	No	2				
34	Rubber tube for resonance Column (8mm diameter)	No	5				
35	Sand Paper	No	36				

36	Screw gauge (LC=0.01mm)	No	5				
37	Stop clock	No	2				
38	Tuning Forks (512,480,380,324 Hz)	No	6				
39	Spherometer(LC=0.01mm)	No	3				
40	Drawing Board	No	2				
41	Vernier Callipers Large (LC=0.1mm)	No	7				
42	Zinc Rods	No	6				
43	Steel wires for Young's Modulus	No	5				
44	Resistance box (1-100)ohms	Sets	1				
	Total	:					

### Chemistry

Sr No	Items	Unit	Total Required Qty	Basic Cost Per Unit ( In Rs)without GST	Total cost of quantity without GST	GST as applicable	Total Cost for given quantity Including GST
1	Ammonium Carbonate 500 gm	gm	2.5kg				
2	Ammonium Sulphate 500 gm	gm	2 kg				
3	Ammonium Chloride 500 gm	gm	2 kg				
4	Ammonium Solution 500 ml	ml	2.5 liter				
5	Acetic Acid 500 ml	ml	3 liter				
6	Acetone 500 ml	ml	1 liter				
7	Barium Acetate 500gm	gm	1 kg				
8	Benzoic Acid 500 gm	gm	500 gm				
9	Lime water solution 500ml	ml	500 ml				
10	Calcium Acetate 500gm	gm	1 kg				
11	Glycerol 500gm	gm	1 liter				
12	Ferrous Sulphate 500 gm	gm	1 kg				
13	Ferrous Ammonium Sulphate 500gm	gm	1500 gm				
14	Lead Acetate 500gm	gm	2 kg				
15	Magnesium Sulphate 500gm	gm	2.5 kg				
16	Methyl Orange 125 ml	ml	750 ml				
17	Nitric Acid 500 ml	ml	1 liter				
18	Hydrochloric Acid 500 ml	ml	3 liter				
19	Nessler's Reagent 100 ml	ml	2200 ml				
20	Phenol 500 gm	gm	500 gm				
21	Oxalic Acid 500 gm	gm	2 kg				
22	Silver Nitrate Solution 500 ml	ml	2 liter				
23	Sodium hydroxide Flakes 500 gm	gm	500 gm				
24	Strontium Chloride 500 gm	gm	500 gm				
25	Strontium Acetate 500 gm	gm	500 gm				
26	Ceric Ammonium Nitrate 100	gm	100 gm				
27	Sodium HydrogenCarbonate 500 gm	gm	1 kg				
28	Sulphuric acid 500 ml	ml	2500 ml				
29	Labolene 500 ml	ml	1 liter				
30	Chromatography Sheets	sheet	20				
31	Beakers – 250 ml GS	No.	20				
32	Test Tubes 15x125mm BGS (100pcs	pkt	700				
33	Phenolphthalein Solution 125 ml	ml	500 ml				
	Total	:					

### Biology

Sr No	Items	Unit	Total Required Qty	Basic Cost Per Unit ( In Rs)without GST	Total cost of quantity without GST	GST as applicable	Total Cost for given quantity Including GST
1	Cover Slips	No	3				
2	Dropper	No	6				
3	Glass rod	No	6				
4	Saffranin 125 ml	ml	100 ml				
5	Millon's Reagent 125 ml	ml	50 ml				
6	Iodine Solution 125 ml	ml	100 ml				
7	Acetocarmine 125 ml	ml	50 ml				
8	Beric Acid 500 gm	gm	50 gm				
9	Calcium Nitrate 500 gm	gm	50 gm				
10	Sulphar Powder 500 gm	gm	50 gm				
11	Methyl Alcohol 500 ml	ml	100 ml				
12	Ethanol 500 ml	ml	100 ml				
13	Conc. Nitric Acid 500 ml	ml	100 ml				
14	Biuret Reagent 125 ml	ml	50 ml				
	Total	:					