



# DAV PUBLIC SCHOOL

UNIT - VIII, BHUBANESWAR, ODISHA

AFFILIATED TO CBSE, NEW DELHI, AFFILIATION No.1530006, SCHOOL No. 15342

Ref. No. DAV(UNIT-VIII)/ 932 /2025

Date : 12-4-2025

## QUOTATION CALL NOTICE

Sealed quotations are invited by the undersigned from reputed supplier/ agency/ firm for supply of **Composite Lab Apparatus** as per the list enclosed for the academic session 2025-26. Interested parties may send / submit their quotations through email/ post / courier / by hand for the purpose which should reach the office of the undersigned on or before **21-APRIL 2025** positively. The quotations received either after the stipulated date & time or without the prescribed proforma or incomplete in any respect will not be considered. The quotations without GST/ TIN number shall not be considered also. The undersigned reserves the right to cancel either any or all the quotation(s) without assigning any reason thereof.

  
12/04/25  
PRINCIPAL

Encl: List of Lab. Materials

Copy to:

1. School Notice Board
2. School Website
3. The Principals, DAV Public Schools of Bhubaneswar & Cuttack with a request to kindly take necessary steps to display on the School Notice Board for information of all concerned.
4. The Concerned file for record.

MANAGED BY : DAV COLLEGE MANAGING COMMITTEE, CHITRAGUPTA ROAD, NEW DELHI

ADDRESS : UNIT - VIII, BHUBANESWAR - 751 012, TEL.: 0674-2391328, FAX : 0674-2395276

Email: unit8dav@gmail.com, Website : www.davunit8.org



**DAV PUBLIC SCHOOL, UNIT-VIII, BHUBANESWAR**  
**REQUIREMENT OF COMPOSITE LAB APPARATUS**

**PHYSICS**

SL NO.	NAME OF APPARATUS	QUANTITY	RATE
1	Different types of magnets		
	(a) Bar magnet	6 pairs	
	(b) Ball magnet	6	
	(c) Horse-shoe magnet	6	
	(d) magnetic needle	6	
	(e) magnetic compass	6	
	(f) circular magnet	6	
	(g) Ring-shaped magnet	6	
2	Powdered iron fillings	1 kg	
3	Different types of lenses		
	(a) Plano-convex	6	
	(b) Concavo-convex	6	
	(c) Plano-concave	6	
	(d) Convexo-concave	6	
4	Maxima-minima thermometer	2	
5	Hydrometer	2	
6	Lactometer	2	
7	Anemometer	1	
8	Simple barometer	1	
9	Aneroid barometer	1	
10	NCERT (SECONDARY) Science Kits	1	
11	Optical demo class Kit	1	
12	Solar Eclips kit	1	
13	Lunar Eclips kit	1	
14	Model demonstrating Phases of Moon	1	

**BIOLOGY**

SL NO.	NAME OF APPARATUS	QUANTITY	RATE
	<u>Stains &amp; Dyes (For Microscopy &amp; Cell Studies)</u>		
1	1. Methylene blue (for staining animal cells)	100ml	
2	2. Iodine solution (for starch test & plant cell staining)	100ml	
3	3. Safranin (for plant tissue staining)	100ml	
	4. Eosin (for highlighting cell structures)	100ml	
4	5. Acetocarmine (for observing chromosomes)	100ml	
	<u>Preservatives &amp; Fixatives (For Specimens &amp; Slides)</u>		
6	6. Formalin (for preserving biological specimens)	1 litre	
7	7. Glycerin (for slide preparation)	100ml	
8	8. Ethanol (for preservation & sterilization)	500ml	
	<u>Indicators &amp; Reagents (For Biochemical Tests)</u>		
9	9. Benedict's solution (for glucose test)	500ml	
10	10. Fehling's solution A & B (for reducing sugars)	100ml	
11	11. Biuret reagent (for protein test)	100ml	
12	12. Sudan III or IV (for lipid test)	100ml	
13	13. Ninhydrin solution (for amino acid detection)	100ml	



**DAV PUBLIC SCHOOL, UNIT-VIII, BHUBANESWAR**  
**REQUIREMENT OF COMPOSITE LAB APPARATUS**

SL NO.	NAME OF APPARATUS	QUANTITY	RATE
14	14. Silver nitrate solution (for chloride detection)	100ml	
	<i>Instruments &amp; apparatus</i>		
15	1. Microscope		
	(i)Compound Microscope (with inbuilt power supply and USB) RXL-5	1PC	
16	(ii) Compound Microscope (with inbuilt power supply) RXL-3/ Magnus	3PC	
17	2. Human Torsho Model	1PC	
18	3. Spotting Scope	1PC	
19	4. Permanent Slide		
	(i) Animal and Plant tissue(all tissue)		
	(ii)Micro-organisms(spirogyra,bread mould,yest,amoeba,hydra	10	
20	5. Cloth chart of Different System	5	
21	6.Digital weight machine	1	
22	7. 3D Model of different system		
	(i)Brain	1PC	
	(ii) Heart	1PC	
	(iii) Lungs	1PC	
	(iv)male & Female reproductive system	1PC	
23	8. Blank Slide	4 packets	
24	9. Cover Slip	4 packets	
25	10.Blood Grouping Kit	1	
26	11. Stethoscope	1	
27	12.spygmomanometre	1	
28	13.Auxanometer		
29	14.Bell Jar	1	
30	15. Dissecting Box	1	
31	16. Hematometer	1set	
32	17. Dialysis Model	1	
33	18. Colour Beads for Mendelein laws Verification 4*64	176	
34	19. Clinical thermometer	2	
35	20.500ML flask	5PC	
36	21. Funnel of different size	5P	
37	21. Funnel of different size	5PC	
38	22.Beaker 250 ML	3pc	
39	23.Beaker 500 ML	3pc	
40	24.Delivery Tube	2PC	
41	25.Cork (Different size)	10PC	

**CHEMISTRY**

SL NO.	NAME OF APPARATUS	QUANTITY	RATE
<b>1</b>	<b>Different types of metals</b>		
(a)	Magnesium ribbon	5 pkt	
(b)	Zinc dust	500g	
(c)	Aluminium	500g	



**DAV PUBLIC SCHOOL, UNIT-VIII, BHUBANESWAR**  
**REQUIREMENT OF COMPOSITE LAB APPARATUS**

SL NO.	NAME OF APPARATUS	QUANTITY	RATE
<b>2</b>	<b>Acids and Bases</b>		
(a)	Hydrochloric acid	3 litre	
(b)	Sulphuric acid	3 litre	
(c)	Acetic acid	3 litre	
(d)	Sodium hydroxide	1 litre	
<b>3</b>	<b>Metal oxides</b>		
(a)	Calcium oxide	500 g	
(b)	Copper oxide	500 g	
<b>4</b>	<b>Salts</b>		
(a)	Copper Sulphate	500 g	
(b)	Sodium Sulphate	500 g	
(c)	Barium Chloride	500 g	
(d)	Sodium Carbonate	500 g	
(e)	Sodium Bicarbonate	500 g	
(f)	Iron Sulphate	500 g	
(g)	Lead Nitrate	500 g	
(h)	Potassium Iodide	500 g	
(i)	Aluminium Sulphate	500 g	
(j)	Magnesium Sulphate	500 g	
(k)	Calcium Sulphate	500 g	
<b>5</b>	<b>Apparatus</b>		
(a)	Beaker (500ml)	5	
(b)	Beaker(100ml)	5	
(c)	Beaker (50ml)	5	
(d)	Conical Flask(500ml)	5	
(e)	Glass rod	1 kg	
(f)	Spatula	1 pkt	
(g)	Glass Funnel	5 pcs	
(h)	Filter paper	5 pkts	
(i)	Ultra filter paper	5 pkts	
(j)	Test Tubes	3 pkts	
(k)	Test Tube holder	10 pcs	
(l)	Test Tube rack	4 pcs	
(m)	Tong	1 pkt	
(n)	Watch Glass	1pkt	
(o)	Petridish	5 pcs	
(p)	China dish	10 pcs	
(q)	Mortar Pestle	2 pcs	
(r)	U-shaped delivery tube	10 pcs	
(s)	Tripod Stand	5 pcs	
(t)	Spirit lamp	2 pcs	
(u)	Cork big size	10 pcs	
(v)	Cork small size	10 pcs	
(w)	Glass Dropper	10 pcs	
(x)	Wire Gauge	10 pcs	

**DAV PUBLIC SCHOOL, UNIT-VIII, BHUBANESWAR**  
**REQUIREMENT OF COMPOSITE LAB APPARATUS**

SL NO.	NAME OF APPARATUS	QUANTITY	RATE
<b>6</b>	<b>INDICATORS</b>		
(a)	pH paper	2 pkts	
(b)	Blue litmus paper	1 pkt	
(c)	Red litmus paper	1 pkt	
(d)	Universal indicator	200 ml	
(e)	Phenolphthalein	200 ml	
(f)	Blue litmus solution	200 ml	
(g)	Red litmus solution	200 ml	
(h)	Methyl orange	200 ml	
<b>7</b>	<b>OTHERS</b>		
(a)	Sulphur powder	500 g	
(b)	Carbon disulphide	1 litre	
(c)	Distilled water	2 litre	
(d)	Alum	500 g	
(e)	Starch	500 g	
(f)	Periodic table chart(Big Size)	1	
(g)	Potassium permanganate	200g	
(h)	Slaked lime solution	2 litres	
(i)	Spirit	1 litre	

NAME OF THE SUPPLIER/ AGENCY/ FIRM:

FULL ADDRESS WITH CONTACT NO. :

GST NO :

Signature of the  
Supplier / Agency / Firm  
with  
Official Seal & Date