

Tele : 0532-2420772

Army Public School
New Cantt, Allahabad
PIN-211001

5077/AS/LP

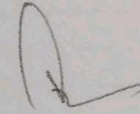
31 Dec 2022

TENDER FOR PURCHASE OF ITEMS FOR SCIENCE LAB
APS, NEW CANTT, ALLAHABAD

Sir,

1. There is requirement of purchase of items for science lab for APS, New Cantt, Allahabad.
2. Tenders are invited for the science lab items as per list attached by 15 Jan 2023.
3. Thanking You.

Yours Sincerely,

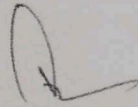


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Enclosure: List of Science Lab items (04 Pages)

REQUIREMENT FOR CHEMISTRY LAB

S.No	Item	A/U	Reqmt	Rate	Amount
1	Ammonium Chloride	1kg	1		
2	Ammonium Acetate	500gm	2		
3	Ammonium Carbonate	500gm	2		
4	Ammonium Ferrous Sulphate	500gm	3		
5	Aceton	500ml	1		
6	Barium Chloride	500gm	2		
7	Barium Sulphate	500gm	2		
8	Ferric Chloride	500gm	2		
9	Acetaldehyde	500ml	5		
10	Tollens Reagent	100ml	4		
11	Copper Sulphate	500gm	3		
12	Dropper	12pcs	36		
13	Lead Nitrate	500gm	2		
14	Zinc Sulphate	500gm	2		
15	Zinc Chloride	500gm	2		
16	PH-paper indicatore	pkt	3		
17	Pepette(Borosil)	10ml	24		
18	Pepette(Borosil)	20ml	24		
19	Conical Flask	250ml	24		
20	Test tube(Borosil)	100pcs	100		
21	Oxalic Acid	500 gm	10		
22	Sodium Carbonate	500 gm	5		
23	Sprit (Blue solution)	liter	10		
24	Chemical balance digital	Pcs	2		
				Total	

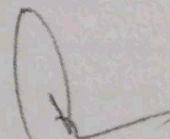

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REQUIREMENT FOR JR. SCIENCE LABORATORY (2022-23)

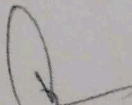
Sr No.	Items	Unit	Requirement	Rate	Amount
1	Needle compass	Pcs	12		
2	Horse shoe magnet big size	Pcs	6		
3	Iron filling (powder)	Kg	1		
4	Magnesium ribbon	Pkt	3		
5	Starch soluble	Kg	0.5		
6	Staining Brush (0 Number)	Pcs	12		
7	Prism 50x50	Pcs	6		
8	Concave lens 10 cm	Pcs	10		
9	Concave lens 15 cm	Pcs	10		
10	Concave mirror 10 cm	Pcs	10		
11	Concave mirror 15 cm	Pcs	10		
	Slide				
12	Amoeba binary fission	Pcs	1		
13	Yeast budding	Pcs	1		
14	Hydra budding	Pcs	1		
15	Parenchyma Tissue	Pcs	1		
16	Collenchyma Tissue	Pcs	1		
17	Xylem	Pcs	1		
18	Phloem	Pcs	1		
19	Nervous Tissue	Pcs	1		
20	Striated Muscle	Pcs	1		
21	Unstriated Muscle	Pcs	1		
22	Cardiac Muscle	Pcs	1		
23	Spore formation in Rhizopus	Pcs	1		
			TOTAL		



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REQUIREMENT FOR BIOLOGY LABORATORY (2022-23)

Sr No.	Items	Unit	Requirement	Rate	Amount
1	Microscope (Compact)	Pcs	3		
2	Cork borar	set	2		
3	Decicator	pcs	2		
4	Funnel Polly	pcs	12		
5	Dropring bottle (500ml)	pcs	12		
6	Slide Box	pcs	1		
7	Staining Brush (Zero No)	pcs	24		
8	Oil imerson Lens	pcs	1		
9	Filter Paper	Pkt	12		
10	Bloting paper	Pkt	1		
11	Watch Glass	pcs	24		
12	Capillary tube	1 PKt	1		
3D Models					
13	Brain	1 Pcs			
14	Lungs	1 Pcs			
15	Heart	1 Pcs			
16	Respiratory	1 Pcs	1		
17	digestive	1 Pcs	1		
18	Model of root nodules on leguminium plant root	1 Pcs	1		
3D Chart					
1	Monocot stem	1 Pcs	1		
2	Dicot Stem	1 Pcs	1		
3	Monocot Root	1 Pcs	1		
4	Dicot Root	1 Pcs	1		
5	Pedigree chart (X linked recessive -haemophilia ,colour blindness Y linked boldness)	1 Pcs	1		
Slide					
1	T.S of testis (grasshooper)	1 Pcs	1		
2	T.S of ovary (grasshooper)	1 Pcs	1		
3	Meosiss (all stage)	1 Set	1		
4	Mitosiss (all stage)	1 Set	1		
5	Entamoeba	1 Set	1		
6	Plasmodium	1 Set	1		
7	Ringworm	1 Pcs	1		
				Total	



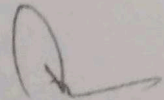
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REQUIREMENT FOR PHYSICS LABORATORY (2022-23)

Sr No.	Items	Unit	Requirement	Rate	Amount
1	INCLINE PLAIN (FRICTION)	Pcs	2		
2	BOYLS LAW APPARATUS	Pcs	2		
3	CAPILLARY TUBE	Pcs	10		
4	RESONANCE TUBE APPARATUS	Pcs	2		
5	CALORI METER (7x5 cm)	Pcs	1		
6	CALORI METER (10x7.5 cm)	Pcs	1		
7	PULLY FOR PARALELLOGRAM	Pcs	6		
8	MAGNAN WIRE (40 MM) 100 gm	Gm	1		
9	STEP DOWN TRANSFORMER	Pcs	2		
10	SAND PAPER (MEDIUM GRAIN)	Pcs	20		
11	CONNECTING WIRES COPPER (500 gm)	Roll	2		
12	BAR MAGNET DIFFERENT STRENGTH 4"	Pcs	5		
13	RHEOSTAT (40 cm 28 Ohms)	Pcs	2		
14	RHEOSTAT (50 cm 36 Ohms)	Pcs	2		
15	RESISTANCE BOX(0.5 - 500Ω) Manganin coils	Pcs	2		
16	ELECTRO MAGNET	Pcs	5		
17	OPTICAL BENCH COMPONENT –				
	(I) UPRIGHT WITH NIDDLE(LATERAL MOVING)	Pcs	6		
	(II) UPRIGHT WITH HOLDER(LATERAL MOVING)	Pcs	6		
18	MICRO A- METER	Pcs	10		
19	EXTENCTION BOX ELECTRIC	Pcs	4		
20	RUBBER PAD ALONGWITH TUNING FORK (Different Range)	Set	6		
21	KNOWN RESISTANCE (1Ω, 2 Ω,3 Ω, 4 Ω ,5 Ω) 10 Pcs Each	Pcs	50		
22	MILI VOLTMETER DIGITAL	Pcs	1		
23	MILI A-METER DIGITAL	Pcs	1		
24	VOLT METER (0-5 V) DIGITAL	Pcs	1		
25	MICRO AMETER DIGITAL	Pcs	1		
26	PRIMARY CELL DRY (2 VOLT)	Pcs	2		
27	SECONDARY CELL DRY (2 VOLT)	Pcs	2		
28	HOUSE HOLD CIRCUIT	Set	5		
29	BULB 40 W	Pcs	3		
30	BULB 200 W	Pcs	3		
31	ON/ OFF SWITCH	Pcs	3		
32	SOCKET	Pcs	2		
33	PLUG	Pcs	2		
34	FUSE	Pcs	2		
35	MAIN SWITCH	Pcs	2		
36	LED	Pcs	15		
37	DIODE	Pcs	15		
38	REGISTOR	Pcs	15		
39	CAPACITOR	Pcs	15		
40	POLAROID	Pcs	15		
41	BATTERY ELEMINATOR	Pcs	4		
			TOTAL		


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