

TENDER FOR PHYSICS LABORATORY -2017-18

[Rates valid up to 31-5-2018]

[To be submitted alongwith Terms & Conditions duly signed by the Tenderer & Witness]

Security Deposit Rs.5000/-

PHYSICS LABORATORY

Sl.No.	Name & Specification	Make	Unit	Rate [Rs.]
1	Measuring cylinder (1000 ml)	Borosil	p/pc	
2	Transistor characteristics apparatus	Omega	p/pc	
3	Capillary tube with holder	CSI	p/pc	
4	Grave sand's Apparatus	INSIF	p/pc	
5	Vernier Callipers	INSIF	p/pc	
6	Clinical Thermometer	INSIF	p/pc	
7	Helical spring	INSIF	p/pc	
8	Measuring Tape	INSIF	p/pc	
9	Polaroid disc	INSIF	p/pc	
10	Screw gauge	Omega	p/pc	
11	Plug Key (One way)	Omega	p/pc	
12	Wooden Meter Scale	Omega	p/pc	
13	Pulley (Single) with clamp for fitting	INSIF	p/pc	
14	Resistance Coil	Omega	p/pc	
15	Scientific calculator (Big Sized)	CASIO	p/pc	
16	Beaker [Borosil]		p/pc	
17	Slinky	INSIF	p/pc	
18	Rheostat	Omega	p/pc	
19	P.N.Junction diode characteristic app		p/pc	
20	Zener diode characteristics app		p/pc	
21	Convex lens 10am, 15,am,20am		p/pc	

CHEMISTRY LAB

Sl.No	Name of the items	Company Merck/Glaxo /BDH/Qualige n /SD fine	unit	Rate
1	Hydrochloric acid(conc)		500 ml	
2	Sulphuric acid (Conc)		500 ml	
3	Nitric acid (Conc)		500 ml	
4	Acetic acid (glacial)		500 ml	
5	Ammonia (Liq.)		500 ml	
6	Sodium Hydroxide (Pallets)		500 gm	
7	Ferrous sulphate		500 gm	
8	Copper sulphate		500 gm	
9	Ammonium Sulphate		500 gm	
10	Ammonium Carbonate		500 gm	
11	Ammonium Chloride		500 gm	
12	Chloroform		500 ml	
13	Acetone		500 ml	
14	Formaldehyde		500 ml	
15	Phenol		500 ml	
16	Methanol		500 ml	
17	Ethanol		500 ml	
18	Ammonium Sulphate		500 gm	
19	Fehlings Solution no.- 2		250 ml	
20	Silver nitrate solution		500 ml	

21	Calcium chloride(anhydrous)		500 gm	
22	Sodium Chloride		1000 gm	
23	Potassium chloride		500 gm	
24	Ferric Chloride		500 gm	
25	Ferrous Sulphide (Sticks)		1000 gm	
26	Potassium Nitrate		500 gm	
27	Aniline		500 ml	
28	Cinnamic acid		250 gm	
29	Acetophenone		250 ml	
30	Bromine Water		500 ml	
31	Glucose		500 gm	
32	Hydrogen Peroxide		500 ml	
33	Sodium Carbonate		500 gm	
34	Sodium bicarbonate		500 gm	
35	Potassium iodide		250 gm	
36	Iodine		100 gm	
37	Ferric ammonium Sulphate		250 gm	
38	Yellow indigo Carmine		250 gm	
39	Agar Agar		250 gm	
40	Universal indicator solution		250 ml	
41	PH paper		1pkt	
42	Litmus Paper(red+blue)		1pkt	
43	Chromatographic paper		1pkt	
44	Parchment or cellophane paper		1pkt	
45	Watermann filter paper		1 pkt	
46	Phenolphthalein indicator		250 ml	
47	Ignition tube (borocil)		1 gross	
48	Methyl orange indicator		250 gm	
49	Copper nitrate		500 gm	
50	Oxalic acid		500 gm	
51	Nickel Sulphate		500 gm	
52	Ammonium Nitrate		500 gm	
53	Electrochemical cell (Galvanic cell)		1 set	
54	Multi meter (reputed company)		1 pcs	
55	Hand gloves		1 pair	
56	Metal Stirrer		1 pcs	
57	Wide mouth polythene bottle		1 pcs	
58	Weighing machine (digital) Reputed Company		1 pcs	
59	Funnel medium size		1 pcs	
60	Thermometer (-10° to 120°c)		1 pcs	
61	Key (for electric circuit) (Omega)		1 pcs	
62	Butchner funnel with suction (full set)		1 set	
63	Burette (50ml) borocil		1 pcs	
64	Pipette (10ml) Borocil		1 pcs	
65	Test tube stand (wooden)		1 pcs	
66	Rubber cork (assorted size)		1 gross	
67	Gas pipe (Plastic) to connect Bunsen burner		1 meter	
68	Funnel (small size)		1 pcs	
69	Measuring flask(250ml)		1 pcs	
70	Glass tube		1 kg	
71	Charts (Plastic coated)		12 pcs	
72	Test Tube Borocil [5x5/8"]		100 pcs	
73	Measuring Cylinder 500ml[Borocil]		1 pcs	
74	Measuring Flask 250ml [Borocil]		1 pcs	
75	Bunsen Burner [good quality]		1 pcs	

76	Reagent Bottle [ordinary] 250ml		1 pcs	
77	Glass Rod		1 kg	
78	Liquid Nitrogen		1 ltr	

BIOLOGY LABORATORY

Sl.No.	Name & Specification	Maker	Unit	Rate [Rs.]
1	Formalin	Qualikems	p/ltr	
2	Specimen Jar with lid	Glass 4"xx10"	p/pc	
3	Acetone	Merck	p/500ml	
4	Petroleum Ether	Merck	p/500ml	
5	Chromatographic	Paper	p/sheet	
6	Cover Slip [Blue star]		p/pkt	
7	Cotton		500gm	
8	Razor for direction		p/pc	
9	Spirit		p/1000ml	
10	Distilled Water		p/ltr	
11	Dettol		p/500ml	
12	Ammonium Solution	Merck	p/500ml	
13	Copper Sulphate	Merck	p/500gm	
14	Sudan III	Merck	p/100ml	
15	Sulpho-Salicylic Acid	Merck	p/ltr	
16	Sodium hypobromide	Merck	p/ltr	
17	Blade topaz		p/dzn	

JR. SCIENCE LAB.

S.N	ITEM	BRAND	SPECIFICATION	QTY	RATE
1	TEST TUBE	BOROSIL	NARROW MOUTH	100	Rs.
2	THERMOMETER		-10 - 110 DEG. CELCIUS	1	
3	BAR MAGNET			2	
4	CONCAVE LENS		10F, 15F	2	
5	CONCAVE MIRROR			2	
6	CONVEX MIRROR			2	
7	GLASS PRISM			2	
8	PENDULUM BOB AND RETORT STAND			1	
9	STOP CLOCK			1	
10	TUNING FORK		SET	1	
11	ELECTRIC BELL MODEL		WORKING	1	
12	AMMETER			1	
13	VOLTMETER			1	
14	GALVANOMETER			1	
15	DC MOTOR		WORKING	1	
16	COMPASS		MAGNETIC	1	
17	SPRING BALANCE		LC = 1GM,	1	
18	SPRING BALANCE		LC = 500GM	1	
19	METER SCALE		WOODEN AND STEEL	2	
20	WINDMILL MODEL		WORKING WITH DYNAMO	1	
21	SPIRIT LAMP		BRASS	2	
22	TEST TUBE HOLDER	TARSON	PVC	4	
23	TRIPOD STAND		METAL	2	
24	FLAT BOTTOM FLASK		1 LTR	2	
25	FLAT BOTTOM FLASK		500ML	2	

26	FLAT BOTTOM FLASK		250ML	2	
27	GLASS FUNNEL			2	
28	COMPOUND MICROSCOPE			1	
29	DISSECTION MICROSCOPE			1	
30	PERMANENT SLIDE		PLANT ANIMAL MICROBES	2 SET	
31	ZINC METAL PIECES	E-merck		500GM	
32	MAGNESSIUM RIBBON	E-merck		2 COIL	
33	COPPER METAL RINGS	E-merck		500GM	
34	POTASSIUM PERMANGANATE	E-merck		200GM	
35	CALCIUM CARBONATE	E-merck		200GM	
36	RETIFIED SPIRIT	E-merck		1 LIT	
37	BELL JAR			1	
38	PHENOPHPHALEIN	E-merck		100ML	
39	METHYLENE BLUE	E-merck		100ML	
40	SAFRANIN	E-merck		100ML	
41	COPPER WIRE			2 COILS	
42	DISSECTION SET			4	
43	FIRST AID KIT			1	
44	APPRON		UNISEX WHITE	4	

JR. MATHS LAB.

S.N	ITEM	CAT No.	SPECIFICATION	QTY	RATE
1	MODEL FOR ANGLES BETWEEN CHORDS & ANGLES	FL101			
2	MODEL FOR CO-ORDINATE SYSTEM & SOL OF LINEAR EQUATION	FL111			
3	ANGLE OF PLOYGONS	FL105			
4	AREA OF SECTOR & SEGMENT OF CIRCLE	FL106			
5	MODEL FOR INTERSECTING SECANT THEOREM	FL113			
6	CYCLIC QUADRILATERAL	FL115			
7	SUM OF ANGLES OF QUADRILATERAL IS 360	FL116			
8	ANGLES CUT BY TRANSVERSAL LINE	FL121			
9	MODEL FOR CHORD, ARC & ANGLES	FL125			
10	MODEL FOR DIRECT RATIO	FL126			
11	MODEL FOR INVERSE RATIO	FL127			
12	STEP AND COUNT METER TRUNDLE WHEEL	FL129			
13	HOLLOW SPHERE	FL132			
14	HOLLOW CYLINDER	FL133			
15	10 TRANSPARENT GEOMETRICAL SHAPES	FL135			
16	11 ACRYLIC PLOYHEDRONS	FL136			
17	ADD AND COUNT RODS – WOODEN/ACRYLIC	FL137			
18	VOLUME RELATIONSHIP SET	FL138			
19	MENSURATION KIT	FL142			

S.N	ITEM	CAT No.	SPECIFICATION	QTY	RATE
20	NUMBER EQUALISER / BALANCE	FL144			
21	DIGITAL KITCHEN BALANCE	FL145			
22	WALL THERMOMETER	FL146			
23	DUMMY CLOCK WOODEN / ACRYLIC	FL147			
24	VERNIER CALLIPER	FL148			
25	DIGITAL VERNIER CALLIPER	FL149			
26	DIGITAL SCREW GAUGE	FL151			
27	SELF RECORDING RAIN GAUGE	FL164			
28	STUDENT CLOCK	FL169			
29	PLACE VALUE ABACUS	FL176			
30	WORKNG MODEL PYTHAGORAS	FL188			
31	RULER COMPASS	FL195A			
32	FOLDING GEOMETRIC SHAPES TO UNDERSTAND THE SURFACE AREA & VOLUME OF SHAPES WITH MARKNGS	FL201			
33	VENN DIAGRAM MODEL	FL206			
34	2D SHAPES SET-50DIFFERENT COLOR SHAPES DIA 10CM	FL210			
35	MOVABLE TRIANGLE TO SHOW THAT SUM OF ANGLES OF TRIANGLE	FL213			
36	BOARD PIN			6 PKT	
37	COVER FILE			6 NOS.	
38	A4 SIZE PAPER			4 PKTS	
39	A4 SIZE BOND PAPER			2PKTS	
40	STAPLER & PIN – BIG			2 NOS.	
41	STAPLER & PIN – SMALL			2 NOS.	

NB: All chemicals Merck/Glaxo/BDH/Qualigen/SD-fine & all glass wares of borosil only.

All terms & conditions accepted by me

Registration No.....

Signature of Tenderer

Draft No.....

Name

Dated

Address

Amount

Stamp