



**ITEM-3: Science lab Equipment and Supplies quote**  
Tender No. : TENTSSL/240418/001

S.No.	Particulars	Amount
1	Physics Consumable	
2	Physics Non-Consumable	
Total Amount		

S.No.	Particulars	Amount
1	Chemistry Consumable	
2	Chemistry Non-Consumable	
Total Amount		

S.No.	Particulars	Amount
1	Physics Lab (Room) Requirement	
2	Chemistry Lab (Room) Requirement	
3	Biology Lab (Room) Requirement	
Total Amount		

S.No.	Particulars	Amount
1	Biology Consumable	
2	Biology Non-Consumable	
3	Specimen	
4	Permanent Slides	
5	Charts	
Total Amount		
Grand Total		

DETAILS ARE ENCLOSED IN ANNEXURE



Annexure

Tender Document No. TENTSSL/240418/001

REQUIRMENT OF PHYSICS LAB NON CONSUMABLE					
S NO.	Item	Brief Description	Rate	Qty.	Amount
1	SPHEROMETER			10	
2	BOB			10	
3	CONCAVE MIRROR(15 TO20 MM)			10	
4	CONCAVE LENSE			5	
5	CONVEX MIRROR			5	
6	CONVEX LENS			5	
7	OPTICAL BENCH COMPLETE WITH ACESSORIES			4 SETS	
8	OPTICAL PINS			6	
9	PRISM (38X38)			20	
10	GLASS SLAB(75X18X18)			15	
11	U-SHAPED MAGNET			2	
12	BATTERY ELEMINATOR			10	
13	OPTICAL PIN STAND			6	
14	SCREW GUAZE(BIG)			6	
15	SPRING BALANCE(500g)			6	
16	SPRINGBALANCE(1kg)			6	
17	MAGNETIC NEEDLE(compass)			15	
18	METER BRIDGE APPARATUS COMPLETE WITH ACESSORIES			5 sets	
19	VERNIER CALIPERS			5	
20	CYLENDERICAL OBJECT(metal)			20	
21	SIMPLE PANDULAM APPARATUS COMPLETE WITH ACESSORIES			3	
22	RHEOSTATE			4	
23	PARALLEOGRAM APPARATUS COMPLETE WITH ACESSORIES			04 sets	
24	LECKLANCHI CELL COMPLETE			6	
25	ONE WAY KEY			6	
26	GALVONO METER			6	
27	RESISTANCE BOX(1to100 ohm)			6	
28	RESISTANCE BOX (1to500 ohm)			6	
29	HIGH RESISTANCE BOX(1to10000)			4	
30	TWO WAY KEY			6	
31	POTANTIOMETER COMPLETE WITH ACESSORIES			04sets	
32	SONOMETER COMPLETE WITH ACESSORIES			01set	
33	TUNING FORK			1set	
34	TUNING FORK PAD			2	
35	P N JUNCTION DIODE COMPLETE WITH ACESSORIES			03sets	
36	ZENER DIODE APPARATUS COMPLETE WITH ACESSORIES			03sets	
37	OHM,SLAW APPARATUS COMPLETE WITH ACESSORIES			04sets	
38	BATTARY CELL BOX			6	
39	CARBON ROD			6	
40	PORUS POT			6	
41	COPPER POT(DANIEL CELL)			2	
42	VOLTMETER(DC)3V			6	
43	VOLTMETER(DC)5V			2	
44	AMETER(DC)3V			6	

45	SONOMETER WIRE			10m
46	PLASH			1
47	SCREW DRIVER			1sets
48	TESTER			1
49	RESISTERED			1packet
50	LDR			1packet
51	LED			1packet
52	MULTIMETER(MANUAL)			1set
53	MULTIMETER(DIGITAL)			1set
54	I C			5
55	CONDENCER			6
56	TRANSISTER(pnp/npn)			10
57	DIODE			10
58	MEASURING CYLENDER(plastic) 100ml			10
59	BEAKER(plastic)250ml			6
60	BEAKER GLASS(250ml)BOROSIL			5
61	SURFACE TENSIONAPPARATUS WITH ACESSORIES			1set
62	HELECAL SPRING APPARATUS COMPLETE WITH ACESSORIES			3SETS
63	SPRIT LAMP			5
64	MILI VOLTMETER(500V)			2
65	MILI AMITER(500V)			2
66	VOLTMETER AC(3V)			2
67	ALINJA POLIZER			2sets
68	COPPER ROD FORALINJA POLIZER			2
69	TRIPOT STAND			6
70	ELECTRIC WIRE(3mm)			10m
71	ELECTRIC BULB(100W)			4
72	SOLDING IRON (medium)			1
73	WIRE CUTTER			1
74	JOCKEY			2

#### REQUIRMENT OF PHYSICS LAB CONSUMABLE

S NO.	NAME OF OBJECT		QUANTITY
1	AMMONIUM CHLORIDE		500gX2
2	CUPPER SULPHATE		500g
3	WHITE PAPER A4		1packet
4	GRAPH PAPER		2packet
5	ALPINS		02packet
6	SPRIT		2 lit
7	MATCH BOX		01packet
8	SAND PAPER		02sheet
9	DUSTER CLOTH		8
10	LYCOPODIUM POWDER		1packet
11	TOWEL		1
12	SOLDING WIRE		1roll
13	THREAD		1roll
14	BOARD PIN		1packet(10)
15	WIRE GAUZE		10packet
16	RESISTANCE COIL(2&3ohm)		1packet

PHYSICS LAB (ROOM)REQUIRMENT				
1	APPRATUS RACK			3
2	ALMIRAH IRON			2
3	DUSTBIN			1
4	TEACHER TABLE			1
5	REPEARING OF TABLE DOOR			
6	WIRING CONNECTION			
CHEMISTRY LAB (ROOM)REQUIRMENT				
1	BUNSEN BURNER WITH TUBE			48
2	EXHAUST FAN			2
3	APPRATUS RACK			5
4	ALMIRAH IRON			2
5	DUSTBIN			1
6	FIRE EXTINGUISER CYLENDER			1
BIOLOGY LAB(ROOM)REQUIRMENT				
1	REPEARING OF ALMIRAH LOCK			1
2	BLACK BOARD			1
3	ALMIRAH IRON			1
4	DUSTBIN			1

#### REQUIREMENT OF CHEMISTRY LAB (CONSUMABLE)

S NO.	Item	Brief Description	Rate	Qty.	Amount
1	PLATINUM WIRE			20	
2	TEST TUBE BRUSH			25	
3	BUREET BRUSH			2	
4	ACETIC ACID			500 ML	
5	AMMONIUM CHLORIDE			500 g x 2	
6	BARIUM CARBONATE			500 g x 2	
7	BARIUM SULPHATE			500 g	
8	COPPER SULPHATE			500 g x 2	
9	BARIUM ACETATE			500 g x 2	
10	CALCIUM ACETATE			500 g	
11	CALCIUM CHLORIDE			500 g x 2	
12	FORMAL DEHYDE			500 g	
13	CONS. HCL			2.5 LIT	
14	LITMUS PAPER BLUE			2 PKT	
15	LITMUS PAPER RED			2 PKT	
16	LITMUS SOLN BLUE			125 ML x 2	
17	LITMUS SOLN RED			125 ML x 2	
18	LIME WATER			500 ML x 2	
19	LEAD ACETATE			500 g x 2	
20	LEAD NITRATE			500 g x 2	
21	LEAD CHLORIDE			500 g x 2	
22	MAGNESIUM SULPHATE			500 g	
23	PH PAPER 'INDICA'			5 PKT	
24	POT. DICHROMATE			500 g	
25	NITRIC ACID			2.5 LIT	
26	SOD. CHLORIDE			500 g	
27	SODI. NITRATE			500 g	
28	H2SO4			500 ML x 2	
29	LABLE BOOK			2 PC	
30	DROPPER (Big)			24 PC	

31	DUSTER CLOTH		8 PC
32	HAND GLOVES		2 SET
33	DENTOL HAND WASH		2 PC
34	DETOL SOAP		2 PC
35	SAVELON		1 BOTTEL
36	SOFRANYCIN TUBE		1 PC
37	MATCH BOX		2 PKT
38	TOWEL MEDIUM		1 PC
39	HCL		2.5 LIT
40	NITRIC ACID		1 LIT
41	POT. PERMAGNET		500 g x2
42	OXCALIC ACID		500 g x2
43	FERROUS AMM. SULPHATE		500 g
44	SODI. THIO SULPHATE		500 g
45	POT. FERROCYNIDE		500 g
46	AMMONIUM DICROMATE		500 g
47	NICKLE CHLORIDE		500 g x 2
48	NICKEL NITRATE		500 g x 2
49	CALCIUM CARBONATE		500 g x 2
50	SODIUM CARBONATE		500 g
51	AMMONIUM CARBONATE		500 g x 2
52	FEHLING A SOLN.		500 ML
53	FEHLING B SOLN.		500ML
54	ALUMINIUM SULPHATE		500 g x 2
55	ALUMINIUM NITRATE		500 g x2
56	ALUMINIUM CHLORIDE		500 g x 2
57	SODIUM SULPHIDE		500 g x 2
58	BENDICT SOLN.		500 g
59	IRON SULPHIDE		1 KG
60	AMMONIA SOLN.		500 ML x 2
61	SILVER NITRATE SOLN		500 ML x 2
62	ZINC DUST		500 g
63	COBALT CHLORIDE		500 g
64	COBALT NITRATE		500 g
65	PHENOPHTHALIN INDICATOR		125 ML x 3
66	IODIN SOLN.		250 ML
67	POT. IODIDE		500 g
68	SOD. METAL		500 g
69	SOD. NITROPRUSIDE		100 g x 2
70	NESSLER REAGENT		125 ML x 3
71	AMMONIUM SULPHATE		500 g
72	POTASSIUM CHROMATE		500 g
73	DI SODIUM HYDROGEN ORTHOPHASPHATE		500 g
74	AMMONIUM MOLEBADATE		100 g x 2
75	MILLONS REAGENT		125 ML
76	AMMONIUM OXALATE		500 g
77	SODI THIOCYNATE		500 g
78	DIMETHYL GLYXOMINE		100 g x 2
79	CERIC AMMONIUM NITRATE		100 g x 2
80	ETHNAL		500 MI X 3
81	AMMONIUM THIO CYNATE		500 g
82	STRONTIUM NITRATE		500 g
83	STARCH SOLUBLE		500 g
84	AMMONIUM SULPHIDE		500 ML
85	POT. THIOCYNATE		500 g
86	AMM. SULPHATE		500 g
87	SUCROSE		500 g
88	DEXTROSE		500 g
89	PHENOL		500 g
90	ACETALDEHYDE		500 ML x 2
91	ACETONE		500 ML x 2

92	ETHYLAMINE			500 ML	
93	ALPHA NEPTHAL			100 g	
94	NINHYDRIN			1 BOTTEL	
95	2,4, DINITROPHENYL HYDROZINE			100 g	
96	ZINC SULPHATE			500 g x 2	
97	ZINC NITRATE			500 g	
98	ZINC ACETATE			500 g x 2	
99	NICKEL NITRATE			500 g	
100	STRONTIUM CHLORIDE			500 g	
101	BARIUM NITRATE			500 g x 2	
102	ZINC CHLORIDE			500 g x 2	
103	COTTON ROLL			1 ROLL	
104	CHLOROFORM			500 ML x 2	
105	CHROMOTA GRAPH PAPER			2 SHEET	
106	BLUE INK			1 BOTTEL	
107	RED INK			1 BOTTEL	
108	PETROLEUM ETHER			500 ML	
109	MALISH REAGENT			125 ML x 2	
110	TOLLANS REAGENT			500 ML	
111	SCHIFF REAGENT			500 ML x 2	
112	HYDROGEN PER OXIDE			500 ML	
113	CUPPER CHLORIDE			500 g	
114	ALUMINIUM METAL (POWER)			500 g	
115	CUPPER NITRATE			500 g	
116	ZINC CARBONATE			500 g	
117	CALEIUM SULPHATE			500 g	
118	LEAD SULPHIDE			500 g	
119	STARCH PAPER			2 PKT	
120	SUDAN III			500 ML	
121	DIPHENYL AMINE			250 g	
122	MAGNESSIUM REAGENT			250 g	
123	CADMIUM CARBONATE			500 g	
124	POT. CHLORATE			500 g	
125	MAGNESSIUM RIBBON			1 PKT	
126	PLASTIC TUB MEDIUM			1 PC	
127	BOTTEL OPENER			1 PC	
128	LEAD CARBONATE			500 g	
129	DISTILLED WATER			60 LIT	
130	MARKER ( BLACK)			1 PC	

### REQUIREMENT OF BIOLOGY LAB CONSUMABLE

S. No.	Item	Brief Description	Rate	Qty.	Amount
1	MILLIONS REAGENT			125ML	
2	EOSIN SOLUTION			125ML	
3	SAFRANIN SOLN			125ML*2	
4	IODINE SOLN			125ML*2	
5	BRUSH DRAWING			10PC	
6	BLADE			1PKT(BIG)	
7	SAVELON			1 BOTTLE	
8	DETOL HAND WASH			2 BOTTLE	
9	FEVISTICK			1PKT	
10	BELL CLIP			1PKT	
11	PH PAPER INDICA			5PKT	
12	ALLPINS			1PKT	
13	MATCH BOX			1PKT	
14	SPRIT			5LIT	
15	WIRE GAUZE			10PC	
16	SANDY SOIL			4PKT	
17	LOAMY SOIL			4PKT	
18	SILT SOIL			4PKT	
19	GARDEN SOIL			2PKT	

20	CLAY SOIL			4PKT	
21	GRAM SEED			100GM	
22	BEAN SEED			100GM	
23	HYDRILLA PLANT			1BOTTLE	
24	DICOT ROOT			2BOTTLE	
25	DICOT STEM			2BOTTLE	
26	MONOCOT ROOT			2BOTTLE	
27	MONOCOT STEAM			2BOTTLE	
28	BUFFER TABLET			1BOTTLE	
29	SUCROSE			500G	
30	NaCl			500G	
31	BORIC ACID			500G	
32	STARCH			500G	
33	UREA			500G	
34	COBALT CHLORIDE PAPER			2PKT	
35	CADMIUM CARBONATE			100GM	
36	BLACK CHART PAPER			2 SHEET	
37	BUTTER PAPER			2SHEET	
38	MAGNESIUM SULPHATE			500G	
39	ACETIC ACID			500ML	
40	HCl			500ML	
41	POTASSIUM HYDROXIDE PELLETT			500G	
42	SUDAN III			250ML	
43	FEHLING A SOLN			500ML	
44	FEHLING B SOLN			500ML	
45	BENDICT SOLN			500ML	
46	FORMELDEHYDE			500ML	
47	ETHANOL			500ML	
48	GLYCERINE			500ML	
49	ACETONE			500ML	
50	PETROLIUM ETHER			500ML	
51	CHROMATOGRAPHY PAPER			2 SHEET	
52	COTTON ROLL			1 ROLL	
53	DISTILLED WATER			5 LIT	
54	POTASSIUM NITRATE			550G	
55	DIATASE TABLET			1 BOTTLE	
56	AMMONIUM CHLORIDE			500G	
57	BARIUM CHLORIDE			500G	
58	SODIHYPOBROMITE			500G	
59	PHENOL RED			125ML	
60	PLASTIC JAR			10PC	
61	THREAD			1 ROLL	
62	FILTER PAPER			20 PACKET	

**REQUIREMENT OF BIOLOGY LAB NON CONSUMABLE**

S NO.	NAME OF OBJECT		QUANTITY
1	FORCEPS		2
2	STAINING RACK		2
3	EYEPIECE (10x)		3
4	OBJECTIVE (10x)		3
5	STOP WATCH		2
6	KNIVES		1
7	DROPPER BIG		10
8	DROPPER SMALL		10
9	WEIGH BALANCE		1
10	TEST TUBE HOLDER		10
11	TEST TUBE(BOROSIL)		10
12	TEST TUBE BRUSH		10
13	SPRIT LAMP		6
14	TRIPOT SATND		6
15	CONICAL FLASK(250ML)BOROSIL		12
16	BEAKER 500ML BOROSIL		12
17	BEAKER 100ML		12
18	MEASURING CYLINDER PLASTIC(100ML)		10
19	MEASURING CYLINDER PLASTIC(10ML)		10
20	CHINA DISH 3"		10
21	GLASH ROD		12
22	SPETULLA		10
23	FUNNEL GLASS		12
24	SCISSOR(MEDIUM)		1
25	REAGENT BOTTLE(250ML)		10
26	COMPOUND MICROSCOPE		6

**SPECIMEN**

1	EARTH WORM		1
2	FROG RANA TIGRINA		1
3	SCOLEODON		1
4	RING WORM		1
5	LIVER FLUCK		1
6	MARCHANTIA		1
7	LIFE CYCLE OF HONEY BEE		1
8	LIFE CYCLE OF FROG		1
9	LIFE CYCLE OF SILK MOTH		1
10	LIFE CYCLE OF MOSQUITO		1
11	HYDRILLA PLANT		1
12	ASCARIS		1
13	FERN SPORE		1
14	AGARICUS		1
15	RECCIA		1
16	LICHEN		1
17	BAUGAN VELLIA		1
18	FERN		1
19	EICHHORNIA		1
20	OCILITORIA		1
21	TRAPHA		1
22	EUPHORBIA		1
23	MUSHROOM		1
24	CLADODE ASPARAGUS		1
25	UTRICULARIA		1
26	VALLISNARIA		1
27	LIVER WORT		1
28	CYCUS MALE CONE		1
29	FUNERIA WITH SPORE		1
30	OPUNTIA		1
31	ALOE		1
32	ACCACCIA		1
33	SPECIMEN FIBER		20



**PERMANENT SLIDES**

1	MAMAL TESTIS T.S			1
2	NERVE CELL			1
3	MAMAL OVERY T.S			1
4	BLASTULLA			1
5	GRASSHOPPER TESTIS			1
6	PLASMODIUM IN BLOOD			1
7	POLLEN GERMINATION			1
8	STARAITED MUSCLES			1
9	SMOOTH MUSLES			1
10	CARDIAC MUSCLES			1
11	MAMAL SPINAL CORD			1
12	HYDRILLA STEM			1
13	HYDRA WHOLE MOUNT			1
14	EPITHELLIUM SQUOMOSE W.M			1
15	MORTEL & PISTEL			2 SET
16	PETRIDISH 3" GLASS			24 PC

**CHARTS**

1	PEDIGREE CHART EARLOBE			1
2	PEDIGREE CHART ROLLING TONGS			1
3	COLOUR BLINDNESS			1
4	HUMAN REPRODUCTIVE SYSTEM			1
5	HUMAN EXCRETORY SYSTEM			1
6	HUMAN SKELETON SYSTEM			1
	Total			