



Demonstration Multipurpose School

Regional Institute of Education

[A constituent Unit of N. C. E. R. T, New Delhi]

Bhubaneswar-751022

Phone No-0674-2541516, Fax-No-0674-2543782

Ref No:-7017.

Dated.: 05.02.2019

To

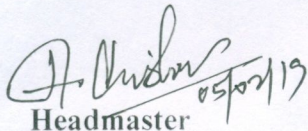
Sub: Quotation for the enclosed materials.

Sir,

You are requested to kindly send your quotation regarding the enclosed materials for the Deptt of Physics/Chemistry/Electronics of D.M. School, RIE, Bhubaneswar for the year 2018-19 latest by 15.02.2019. The list of materials is enclosed. The rate should include GST/all taxes and supply F.O.R school.

Thanking you

Yours sincerely,


Headmaster

D.M. School,
R.I.E., Bhubaneswar

D.M.S., RIE, Bhubaneswar
Requirements of Physics Lab - 2018 - 19

A				
Sl. No.	Name of the Apparatus	Required Nos.	Approx. Price Per Unit (Rupees)	Total (Rupees)
1	Concave Mirror (Diameter= 60 mm, (Focal Length=12 cm) PISCO	20		
2	Convex Mirror (Diameter =60 mm, Focal length =10cm) PISCO	20		
3	Galvanometer	20		
4	Voltmeter	20		
5	Ammeter	20		
6	Cell Case	20		
7	Pen Drive 64 GB	1		
8	Watch glass	20		
9	Concave Lens (Diameter = 60 mm. Focal length = 10c.m.) PISCO	20		
10	Convex Lens (Diameter = 60 mm. Focal length = 12c.m.) PISCO	20		
11	Plane circular glass	20		
12	Hollow Cylinder	10		
13	Battery Eliminator (Omega)	5		
14	Extension Cord (10 Mtr. Long with 5 sochet 5 switch)	10		
15	Transformer for AC Mains	3		
16	Measuring Cylinder	6		
17	Sonometer	2		
18	Potentiometer	2		
19	Meter Bridge	2		
20	Glass Slab	20		
21	Slinky	2		
22	Stopwatch	2		
23	Prism (60x60x60)	12		
Total Approx Price (A)				
B				
1	LCD Projector	1		
Total Approx Price (A+B)				

Key
Headmaster 2.18

D.M. School, RIE, Bhubaneswar

F. Chandra
I/C Physics

D.M. School, RIE, Bhubaneswar

19.7.18

Adish
4/5

LIST OF CHEMICALS AND GLASSWARES FOR DEPT OF CHEMISTRY
D.M SCHOOL BBSR, 2018-19

SL.NO	(CHEMICALS) NAME OF ITEM	QUANTITY IN gm/ml	NO OF QUANTITIES	RATE/UNIT PRICE IN RS	TOTAL IN RS.
1	2,4 DNP	250 GM	1 NOS		
2	ACETIC ACID GLACIAL	500 ML	1 NOS		
3	ACETIC ANHYDRIDE	500 ML	1 NOS		
4	ACETONE	500 ML	2 NOS.		
5	ACETYL CHLORIDE	500 ML	1 NOS		
6	AMMONIUM BROMIDE	500 ML	1 NOS		
7	AMMONIUM FERROUS SULPHATE	500 GM	1 NOS		
8	AMMONIUM HYDROXIDE	500 GM	1 NOS		
9	AMMONIUM HYDROXIDE	500 ML	1 NOS		
10	AMMONIUM SULPHATE	500 GM	1 NOS		
11	AMMONIUM THIOCYANATE	500 GM	1 NOS		
12	ANILINE	500 GM	1 NOS		
13	BENZALDEHDE	500 ML	1 NOS		
14	BENZOIC ACID	500 GM	1 NOS		
15	BLUE LITMUS SOLUTION	125 ML	2 NOS.		
16	CALCIUM CARBONATE	500 GM	1 NOS		
17	CALCIUM CARBONATE	500 GM	1 NOS		
18	CALCIUM CHLORIDE	500 GM	1 NOS		
19	CALCIUM HYDROXIDE	500GM	1 NOS		
20	CERRRIC AMMONIUM NITRATE	250 GM	1 NOS		
21	COBALT CHLORIDE	100 GM	1 NOS		
22	COBALT NITRATE	100 GM	1 NOS		
23	COPPER SULPHATE	500 GM	1 NOS		

[Signature]
03.8.18
I/c Dept. of Chemistry

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H.M 4/8/18

SL.NO	NAME OF ITEM	QUANTITY IN gm/ml	NO OF QUANTITIES	RATE/UNIT PRICE IN RS	TOTAL IN RS.
24	COPPER TURNINGS	100 GM	1 NOS		
25	COPPER TURNINGS	500 GM	1 NOS		
26	DIMETHYL GLYOXIME	100 GM	1 NOS		
27	DIPHENYLAMINE	125 ML	1 NOS		
28	DISTILL WATER	1 LITRE	1 NOS		
29	ETHANOL	500 ML	2 NOS		
30	FERROUS SULPHATE	500 GM	1 NOS		
31	IODINE SOLUTION	250 GM	1 NOS		
32	IODINE SOLUTION	500 ML	1 NOS		
33	IRON FILLINGS	500 GM	1 NOS		
34	LEAD ACETATE	500 GM	1 NOS		
35	LEAD NITRATE	500 GM	1 NOS		
36	LIME WATER	500 GM	1 NOS		
37	LITMUS PAPER (BLUE)	1PKT=100 Lvs	3 PKT		
38	LITMUS PAPER (RED)	1PKT=100 Lvs	3 PKT		
39	MAGNESIUM RIBBON	1 ROLL	1 NOS		
40	METAL ALUMINIUM	STRIPS OF METAL	5 NOS		
41	METAL COPPER	STRIPS OF METAL	5 NOS		
42	METAL IRON	STRIPS OF METAL	5 NOS		
43	METAL ZINC	STRIPS OF METAL	5 NOS		
44	METHYL ORANGE	100 GM	1 NOS		
45	METHYL RED	100 GM	1 NOS		
46	NESSLERS REAGENT	125 ML	1 NOS		
47	PARAFFIN WAX	1 KG	1 NOS		
48	PHENOL	500 GM	1 NOS		
49	PHENOLPHTHALEIN	100 GM	1 NOS		
50	POTASSIUM HYDROXIDE	500 GM	1 NOS		
51	POTASSIUM IODIDE	500 GM	1 NOS		
52	POTASSIUM PERMANGANATE	500 GM	1 NOS		
53	RED LITMUS SOLUTION	125ML	2 NOS.		

I/c Dept. of Chemistry

H.M. 27/8/18

SL.NO	NAME OF ITEM	QUANTITY IN gm/ml	NO OF QUANTITIES	RATE/UNIT PRICE IN RS	TOTAL IN RS.
54	SODIUM BICARBONATE	500 GM	1 NOS		
55	SODIUM BISULPHITE	500 GM	1 NOS		
56	SODIUM CARBONATE	500 GM	1 NOS		
57	SODIUM HYDROXIDE	500 GM	1 NOS		
58	SODIUM METAL IN KEROSENE	500 GM	1 NOS		
59	SODIUM NITRITE	500 GM	2 NOS		
60	SPIRIT/ METHANOL	500 ML	2 NOS		
61	SODIUM NITROPRUSSIDE	100 GM	1 NOS		
62	STRONTIUM CHLORIDE	500 GM	1 NOS		
63	SULPHUR POWDER	500 GM	1 NOS		
64	ZINC CHLORIDE	500 GM	1 NOS		
65	ZINC GRANULES	500 GM	1 NOS		
66	ZINC SULPHATE	500 GM	1 NOS		
				AMOUNT =	

(ACCESSORIES) & GLASSWARES					
SL.NO	NAME OF ITEM	QUANTITY IN gm/ml	NO OF QUANTITIES	RATE/UNIT PRICE IN RS	TOTAL IN RS.
1	BEAKER (BOROSIL)	50 ML	5 NOS		
2	BEAKERS (BOROSIL)	250 ML	5 NOS		
3	BEAKERS (BOROSIL)	100 ML	5 NOS		
4	BURETTE BRUSH	25"	5 NOS		
5	CHARCOAL BLOCK	500 GM	1 NOS		
6	DEFLAGRATING SPOON	1 SET =6 PC	1 NOS		
7	ELECTROLYSIS SET		1 NOS		
8	FILTER PAPER	100 SHEETS	100 SHEETS		
9	FILTRATION STAND	TARSON	5 NOS		
10	FUNNEL	BOROSIL	5 NOS		
11	GAS JAR	5 NOS	5 NOS		
12	MEASURING CYLINDER (BOROSIL)	50 ML	5 NOS		
13	MEASURING CYLINDER (BOROSIL)	10 ML	5 NOS		

I/c Dept. of Chemistry

[Handwritten Signature]
H. M.

SL.NO	NAME OF ITEM	QUANTITY IN gm/ml	NO OF QUANTITIES	RATE/UNIT PRICE IN RS	TOTAL IN RS.
14	MEASURING CYLINDER (BOROSIL)	100 ML	5 NOS		
15	PIPETTE GRADUATED (TITRATION)	10 ML	5 NOS		
16	PIPETTE 20 ML GRADUATED (TITRATION)	20 ML	10 NOS		
17	PIPETTE BRUSH	30"	5 NOS		
18	ROUND BOTTOM FLASK	250 ML	5 NOS		
19	SPIRIT LAMP		6 NOS		
20	TEST TUBE CLEANING BRUSH	20 NOS	20 NOS		
21	TEST TUBE HOLDER	20 NOS	20 NOS		
22	TEST TUBES 3"x 15 "	1 PKT	1 PKT = 100		
23	THERMOMETER -10°C to 110 °C (LABORATORY)	MERCURY FILL	5 NOS		
24	TRIANGULAR FILE (6")	WOODEN / METAL HANDLE.	10 NOS		
25	TRIPOD STAND	IRON	5 NOS		
26	WATCH GLASS	BOROSIL	5 NOS		
27	WIRE GAUZE WITH ASBESTOS (6" X 6")	6" X 6"	5 NOS		
				AMOUNT =	

Prepared
03.2.18
I/c Dept. of chemistry

H. M
4/2/18

STATEMENT OF EQUIPEMENT AND FURNITURE FOR THE YEAR 2018-19

ELECTRONICS LAB, D.M.SCHOOL, R.I.E., BHUBANESWAR

SL NO	PATRICULAR OF THE EQUIPEMENT/FURNITURE	SPECIFICATION/MAKE/MODEL	PREVIOUS STOCK	QUANTITY REQUIRED	APPROXIMATE COST OF EACH (In Rs.)	TOTAL COST (In Rs.)
1	ROBOTIC KIT WITH ARM	ROBOTIC GRIPPER, ARM , CHESIS WITH MOTOR (AS PER AVAILBILITY IN MARKET)	NIL	1 SET		
2	ROBOTIC KIT	WHEEL, CASTOR, CHESIS WITH MOTOR((AS PER AVAILBILITY IN MARKET))	NIL	2 SET		
3	BLUETOOTH MODULE	(AS PER AVAILBILITY IN MARKET)	NIL	1		
4	WIFI MODULE	(AS PER AVAILBILITY IN MARKET)	NIL	2		
5	RF MODULE	RF MODULE WITH REMOTE KIT (AS PER AVAILBILITY IN MARKET)	NIL	1		
6	NODE MCU	(AS PER AVAILBILITY IN MARKET)	NIL	2		
7	MOTOR DRIVER	L298 (AS PER AVAILBILITY IN MARKET)	NIL	4		
8	BATTERY FOR ROBOT	12V 1.3AH (AS PER AVAILBILITY IN MARKET)	NIL	2		
9	BATTERY CHARGER	12V,5 AMPERE (AS PER AVAILBILITY IN MARKET)	NIL	1		
10	SOLDERING STATION	SOLDERON MAKE WITH ACESSORIES	NIL	1		
11	SOLDERING IRON	SOLDERON MAKE WITH ACESSORIES	2	2		
12	ELECTRICAL INDICATOR	ANCHOR ROMA INDICATOR RED 21180	NIL	10		
13	ELECTRICAL SWITCH	ANCHOR ROMA 1 WAY SWITCH 21011	NIL	10		
14	ELECTRICAL SOCKET	ANCHOR ROMA MULTII SOCKET 30373	NIL	10		
15	SPEAKER BOX	100W AHUJA MAKE MODEL SRX-120 DX	NIL	2		
16	AUDIO AMPLIFIER	160W AHUJA MAKE SSA-160 EM	NIL	1		

GRAND TOTAL

D.P. Misra
D.P.MISRA
WECT,ELECTRONICS