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**NAGALAND EDUCATION MISSION SOCIETY
SAMAGRA SHIKSHA
NAGALAND; KOHIMA.**


NOTICE INVITING TENDER

Dated Kohima, the th October 2023.

No. NLD/SS/QLTY-M & SC LAB-29/2022-23:: GST Registered firm are hereby invited to submit rate for the supply of Math and Science lab equipment. List and specification of materials and equipment is given at **Annexure- I & II**

Terms & Condition


1. Rate should be quoted with brand name
2. Sample should be submitted and it shall be returned to the unsuccessful tenderer after completion of tender formalities
3. Materials and equipment shall be delivered F.O.R destination in 616 location approximately. List of destination is given at **Annexure- III**
4. Rate should be quoted separately for F.O.R destination for each location.
5. Work should be completed within 90(ninety) days from the days of issue of order.
6. Materials & Equipment should be labeled as 'Issued by Samagra Shiksha Nagaland'.
7. The firm should be GST registered in the State of Nagaland.
8. GST filing should be updated till up to preceding month. GSTRB of the filing should be submitted.
9. Last date of submission of tender is 14(forteen) days from the date of issue of this order.
10. The undersigned reserved the right to cancel this order without mentioning any reason.


(TEMSUNARO AIER)
State Mission Director

No. NLD/SS/QLTY-M & SC LAB-29/2022-23 Dated Kohima, the th October 2023.

Copy to:

1. The Commissioner & Secretary to the Government of Nagaland, School Education & SCERT Department for information.
2. The Convenor & Member NIT committee for information and necessary action. They shall submit their recommendation on or before 31/10/2023 to the undersigned.
3. Samagra Shiksha Nagaland Website.
4. Samagra Shiksha Notice Board
5. Office copy


(TEMSUNARO AIER)
State Mission Director

Annexure-I

List and specification of materials and equipment in respect of Science Lab

Sl.No	ITEM NAME	Specifications
1	Vernier Calliper	12.5cm length, L.O 0.01mm steel
2	bob/Metallic sphere (small) with hooks	BOB WITH HOOK (used in simple pendulum experiment) Brass Dia 18mm
3	Screw Gauge	o.25mm, L.C 0.01mm, stainless steel rod
4	Spherometer	1 inch length, 3 legs, single disc, screw pitch 0.05mm, L.C 0.005mm
5	Watch Glass	3 inch diameter
6	Protector (Plastic)	lab use superior quality
7	Spring Balance, tubular	Tubular Acrylic 1kg
8	Meter Scale 100 cm	100cm, made of steel
9	Meter Scale 50 cm	50cm, made of steel
10	Stop Clock	larger sweep hand reading 0-60x1 sec with smaller dial reading 0-60x1 min
11	Spirit lamp/burner	made of brass
12	Laboratory Thermometer	30cm length-10 to 110c mercury
13	Thermometer 1/2 degree C	superior quality
14	Stirrer	stirrer
15	Tuning Fork set	set of 8 superior quality
16	D scale for measuring angles	plyboard protractor with radius of about 30cm and marked 0 to 90° with an interval of 15 each
17	Measuring tape	10 m long measuring tape made of steel
18	Voltmeter (0-500mA)	Voltmeter (0-500mA)
19	Electromagnet for demo	Electromagnet for demo
20	Plane mirror small size	72x25mm
21	Convex mirror	Dia 50mm, FL 15cm, 25cm
22	Concave mirror	Dia 50mm, FL 15cm, 25cm
23	Convex lens	Dia 2", FL 10cm, 15cm, 20cm
24	Concave lens	Dia 2", FL 10cm, 15cm, 20cm
25	prism	Equilateral 60x60x60, 50mm superior quality
26	Glass slab 75x50x18mm	Glass slab 75x50x18mm
27	Magnetic compass small size	Dia 18mm both side glass
28	Bar magnets	100x11x7mm package, pair, superior quality
29	Working model of electric motor	Acrylic body

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13/11/2023

Sl.No	ITEM NAME	Specifications
30	Working model of Dynamo	AC superior quality
31	Newtons Ring model	superior quality
32	npn transistor	npn transistor of different quality
33	pnp transistor	pnp transistor of different quality
34	junction diode semiconductor diode	different values
35	LED	small for demo
36	Electric Switch	best quality
37	IC chip	different configurations
38	Capacitor	different values
39	Electric Tester	high sensitivity, superior quality
40	NCERT Molecular model kit	as specified by NCERT
41	Weight box	wooden box, weight made of brass chrome plated, range 1mg to 100g
42	Wash bottles	plastic 250 ml
43	Funnel	plastic
44	Bunsen Burner	steel
45	rubber pipe for bunsen burner	rubber
46	Galvanometer	DC with stand sensitivity 200 micro amp per meter
47	pH chart laminated	polyart laminate with plastic roller
48	Modern Periodic Table Laminated	laminated with plastic, 4.5x3 foot, plastic pipe at top and bottom
49	Laboratory Safety chart	75x100cm, printed on poly art plastic sheet coloured fitted with plastic roller
50	Laboratory Technique Chart	75x100cm, printed on poly art plastic sheet coloured fitted with plastic roller
51	Chemical Bonding chart	75x10 cm. weather proof, washable, and markable surface
52	Hybrid orbital chart	depicting different types of hybridisation
53	Element with Name, Atomic number, Atomic Mass and symbol	element with their names, symbols, atomic etc
54	Classification of organic compounds	depicting different groups of organic compound as a flow chart
55	Functional group chart	as specified above depicting functional groups
56	Pipette, Pasteures (packet of 500)	LDPE plastic, (dropper) 3ml
57	Wall mounting first aid kit	metal with multi compartment, rectangular

Sl No	ITEM NAME	Specifications
5	Water bath	with concentric rings copper, two handles, 150mm
6	Burette brush nylon	nylon
7	Filter paper 12x5cm	12x5cm
8	Litmus paper red	packets with 5 books leaves per book 20 supplied in plastic box
9	Litmus paper blue	packets with 5 books leaves per book 20 supplied in plastic box
10	Mortar and pestel	porcelain ware
11	Porcelain dish (china dish)	ceramic
12	Test Tube stand poly lab	plastic
13	test tube holder	plated steel with wooden handle
14	universal pH paper	packets with 5 books leaves per book 20 supplied in plastic box
15	Conical flask 250ml	borosilicate glass
16	Droppers with rubber bulb	borosilicate glass, 110ml
17	Round bottom flask	borosilicate glass, 250ml
18	Flat bottom flask	borosilicate glass, 250 ml
19	Gas jar	borasilicate glass
20	Glass Rods	Glass
21	graduated cylinder 100ml	borosilicate glass
22	measuring cylinder	borosilicate glass, 100ml, scale division 1ml
23	Petridish 4"	crystal clear glass
24	pipette 20ml	borosilicate glass, bulb form
25	Pipette 10ml	borosilicate glass, bulb form
26	reagent bottles for liquid transparent 250ml	borosilicate glass, 250ml, narrow neck with pp stopper
27	Test Tube(packet of 100)	borosilicate glass, with rim, 15x125mm
28	Plain Slides 75mmx26mm	75mmx26mm
29	Coverslips	18x18mm, pack of 100
30	hand Lens metallic	metallic
31	Brush	plastic
32	Forceps	steel
33	Scissors	4" pointed
34	Slide Box(50 slots)	50 slots
35	Mitosis set/slide	slides
36	Meiosis set/slide	slides
37	bacteria	slides
38	Germinating pollen grains	slides
39	Stomata	slides
40	parenchyma	slides

M. S. S. S.
12/10/2023

Sl. No	ITEM NAME	Specifications
94	Sclerenchyma	slides
95	Collenchyma	slides
96	Xylem	slides
97	phloem	slides
98	Smooth muscle fiber	slides
99	Striated muscle fiber	slides
100	Cardiac muscle	slides
101	Human blood smear	slides
102	Nerve Tissue	slides
103	TS Blastula	slides
104	TS morula	slides
105	Euglena	slides
106	Paramecium	slides
107	Spirogyra	slides
108	Rhizopus	slides
109	Yeast	slides
110	Amoeba	slides
111	Entamoeba Histolica	slides
112	Fern(pteris)	specimen,plastic
113	Agaricus	specimen,plastic
114	Marchantia	specimen,plastic
115	Pine cone(male)	specimen,plastic
116	Pine cone(female)	specimen,plastic
117	Lichen(foliose)	specimen,plastic
118	Lichen(fructicose)	specimen,plastic
119	Lichen(crustose)	specimen,plastic
120	Inclined plane with Roller & Pan	with meter roller and weight pan with cord and trolley, superior quality
121	Resistance Box 1-5000 ohm range	wood case deluxe quality 1 to 5000 ohm
122	Hand Gloves	thick rubber pairs
123	Volumetric Flask	Borosilicate glass 50 ml
124	Ammeter	0-500MA, analogue desk type
125	Student Microscope	compound microscope, with 3 objectives
126	Beaker 50ml	Borosilicate glass
127	Beaker 100 ml	Borosilicate glass
128	Beaker 25ml	Borosilicate glass
129	crocodile wires red and black	300 mm both side crocodile clips
130	Retort Stand	Retort Stand - 200x 100 mm
131	Bosshead	Metal
132	Clamp	Metal

Handwritten signature and date: 10/10/2023

ITEM NAME	Specifications
Rubber cock assorted	Pack of 10 (different sizes)
Wire gauge	with Asbestos Center & Frame
Tripod stand	200mm
Volumetric Flask 100ml	borosilicate glass
5 ply cardboard box for packing	cardboard box
Acetic acid Glacial	100ml
Ammonium Chloride	100ml
Ammonium hydroxide	100ml
Barium Chloride	100ml
Barium Sulphate	100gm
Bleaching Powder	100gm
Calcium Nitrate	100gm
Copper Metal	100gm
Copper Sulphate	100ml
Distilled water	100ml
Fehling Solution A	100ml
Fehling Solution B	100ml
Ferrous Sulphate	100ml
Glycerine	100ml
Iodine Solution	100ml
Iron Metal Powder	100 gm
Lead Acetate	100ml
Litmus Solution Blue/Red	100 ml
Magnesium Ribbon	25 gm
Magnesium sulphate	100 gm
Magnesium chloride	100 gm
Oxalic acid	100 gm
Potassium Hydroxide Flacks	100 gm
Potassium permanganate	100 gm
Sodium Bi Carbonate	100 gm
Sodium Hydroxide flacks	100 gm
Sodium chloride	100 gm
starch Powder	100 gm
Zinc Chloride	100 gm
Zinc metal granular	100 gm
Zinc Sulphate	100 gm
Clinical thermometer	BIS Marked

M. M. M.
12/10/23

Annexure- II

and specification of materials and equipment in respect of Math Lab.

No	ITEM NAME	Specifications
	Mensuration set	Plastic. Complete Set
	Half Protactor	Plastic
	Full protactor	Plastic
	Charts	Laminated chart 70x100cm
5	Geometrical concepts	Laminated. 70x100cm
6	Data handling	Laminated. 70x100cm
7	Circle	Laminated. 70x100cm
8	Graph cm square	Standard Set
9	Algebra tiles	Laminated. 70x100cm
10	Profit & loss	Laminated. 70x100cm
11	Angles	Laminated. 70x100cm
12	Meter scale wooden	100 cm
13	Geoboard plastic	With Screws, Rubber Bands and complete setup for performing Experiment
14	Folding scale plastic	Plastic
15	Algebraic Identities	Plastic

Manoj
15/10/2023