

SREE NARAYANA COLLEGE SIVAGIRI, VARKALA

Date : 01/03/2023

Tender Notice

Sealed tenders are invited from reputed, experienced and authorized firms for the supply and installation of Lab equipment, Chemicals and glasswares.

Terms and Conditions

- The cost of tender form is Rs. 900/-
- Cost of tender form will not be refunded under any circumstances.
- Tender forms are not transferable.
- Cheques, Postal orders, Drafts, VPP etc. will not be accepted towards cost of tender form.

Last date of tender forms at the Counter

Last date of receipt of tender

Date of opening of tenders

1% of the total cost should be deposited as EMD at the time submission of tender bid. The balance 4% should be levied after the finalization of tender.

Every tender should be completely filled, signed and accompanied by EMD in the form of Demand Draft.

The DD should be drawn in favour of the Principal, S N College, Varkala payable at

..... EMD carries no interest.

The firms who are exempted from furnishing EMD should attach the copy of the exemption order along with tender documents.

Price should be inclusive of all taxes. Price should be inclusive of transport & installation charges, if any. All hardware, peripherals etc. quoted should be as per the specified configuration.

Guarantee period should be specified.

All items should be branded.

The number of items may change, depending on the availability of the fund. Item should be supplied & installed within 15 days from the date of supply order.

Every tender should execute an agreement in Kerala Govt. stamp paper worth Rs. 200/- along with tender.

The tenders should be super scribed as supply of Lab equipment, and the concerned Tender No..... and addressed to the

Principal S N College, Varkala, 695145, Kerala state.

The under signed will have the right to cancel or extend the tender formalities without any further notice and also reserves the right to accept or reject any quotation without any reason.

More details can be had from the College Office on working hours

DEPARTMENT OF BOTANY

LIST OF CHEMICALS

Sl.No.	Items	Quantity	Nos.
1	POTA.NITRATEL.R	500gm	3
2	CALCIUMCHLORIDEDHY.	500gm	1
3	MAGNESIUMSULPHATE.	500gm	3
4	POTA.DIHYDR.PHOSPHATEL.R	500gm	3
5	ORTHOPHOSPHORICACIDL.R	500mL	5
6	MANGANOUSSULPHATEL.R	500gm	5
7	ZINCSULPHATEL.R.	250mL	1
8	POTA.IODIDEL.R	100mL	2
9	COPPERSULPHATE L.R.	500gm	1
10	SOD.MOLYBDATE L.R.	100gm	1
11	COBALTCHLORIDEL.R.	100gm	1
12	BORICACIDL.R.	500gm	1
13	NICOTINICACID	25gm	1
14	THIAMINEHYDROCHLORIDE	10gm	1
15	PYRROXINEHYDROCHLORIDE	10gm	1
16	GLYCINEL.R	250gm	1
17	EDTADI-SOD.SALTL.R.	100gm	1
18	FERROUSSULPHATEL.R	500gm	1
19	AGA AGAR -TISSUE CULTURE	500gm	1
20	NITRIC ACID LR	500mL	2
21	BENZENE LR	500mL	3
22	ALUM CHLORIDE ANHY. LR	250gm	1
23	HEXANE LR	500mL	2
24	MURASHING &SKOOG MEDIUM	1L	1
25	KINETIN	1gm	1
26	SUCROSE LR	500gm	1

DEPARTMENT OF ZOOLOGY

Sl. No.	Chemicals	Number
1	Acetic acid (500ml) NICE	4
2	Phenolphthalein NICE	2
3	N- Butyl Alcohol 500 ml NICE	8
4	Formaldehyde 5 Ltr NICE	4
5	Leishman Stain NICE	2
6	Antiserum A, B, D NICE	3
7	Spirit(500 ml)	1
8	Starch (500gm) NICE	1
9	Chloroform(500ml) NICE	1
10	Ninhydrin(20gm) NICE	1
	Glasswares/Consumables	
1	Micro slide	5
2	Coverslip	10
3	Camel hair brush	25
4	Brush large	40
5	BOD bottle (300 ml)	5
6	Cotton	2
7	Dropper long Borosil glass 6*	10
8	Dropper long Borosil glass 8*	10
9	Chromatography paper whatman No. 1	5
10	Black paper	100
11	Blood lancet	500
12	PH paper	5
13	Tooth pick	5
14	Wash bottle	15
15	Burette (Borosil)	5
16	Blotting paper	100
17	White board markerpen	25
18	White board eraser	10

POST GRADUATE DEPARTMENT OF GEOLOGY

Sl No.	Items	Specification	Qty
1	Petrological (Polarising) microscope	<p>Student type (day light, without artificial illumination) monocular, polarizing (petrological) for study of thin sections of rocks and minerals showing birefringent properties. Provided with Polarizer, Analyzer and Bertrand lens, Circular centering type rotatable graduated stage;</p> <p>Coarse focusing adjustment effected by Rack and Pinion, fine focusing adjustment from both sides with graduated right drum; Quadruple Revolving Ball Bearing type Self Centered Nosepiece; Circular centering rotatable stage with degree calibration, with two lens aplanatic abbe condenser; 3 objectives (self centered and strain free) 5x, 10x and 40x . 2 Hughenian eyepiece 10x and 15x (Cross hair).</p> <p>Strong microscope stand with 90 degree inclination on shore horse base. Fixed tube, mechanical tube length 170mm. The eyepiece tube is provided with a notch which assists in the measuring of extinction angles, Coarse focusing adjustment by rack and pinion.</p>	2

		<p>Fine focusing adjustment with scale on right drum, each division equals 0.002 mm. Nosepiece: Triple/quadruple revolving ball bearing self centered. Stage: Circular centering type rotatable stage, the edge graduated in 360 degree vernier reading to 1/10 degree. Condenser: Two lens aplanatic abbe condenser. Polarizing equipment: 360 degree rotatable polarizer is mounted below the condenser with 15 degree calibration scale. Analyzer and Bertrand lens provided in separate slide, which can be swung in and out. Concave and Plane mirror, diameter 50 mm. Microscope in a wooden storage box with moisture absorbent. Required detailed brochure.</p>	
2	Geological Brunton Compass	<p>DQL-8 in carrying case; Dimension 8.6 x 6.1 x 9.7, Weight 300 gm Precision plate level $15 \pm 5/2$ (mm) Precision circular level $30' \pm 5/2$ (mm) Reading error ≤ 0.5 degree Minimum graduation 1 degree Damping time 30" ~60" Required detailed brochure.</p>	1
3.	Electronic weighing Balance	<p>Display: Red LED Power supply: 220V AC Capacity: 600 g Readability: 0.01 g Repeatability: 0.01g Linearity: 0.02 g</p>	1

		<p>Calibration: Automatic external Tare range: Full Automatic switch off option S. S. Weighing Pan, Level indicator, Adjustable Fit. Overload Protection Design. In built rechargeable battery for continues use. Required detailed brochure.</p>	
4.	Micro fossils Storage slide	24 division	10
5.	Micro fossils picking Tray	Brass with grids, front side open black and white background	1
6.	Petri dishes	80X17 mm	20
7.	Beaker	500 ml	5
8	Beaker	250 ml	5
9	Glass Desiccator with lid	<p>Borosilicate glass with ground glass cover having knob at top. Clear glass provides excellent visibility and can be autoclaved. The rims of the desiccator and lid are ground glass and require greasing before use to create an air-tight seal. Also includes a perforated porcelain desiccator plate that fits onto a ridge above the lower chamber.</p>	1
10	Hydrogen peroxide	500 ml	4
11	Hydrochloric Acid	500 ml	1
12	Acetic acid	500 ml	2
13	Acetone	500 ml	1
14	Ethylene Glycol LR	99 % Pure 500 ml	1
15	Bromoform	250 ml	4
16	Sulphuric Acid	500 ml	4
17	Ammonium ferrous sulphate	500 gm	4
18	Glass cylinder	1000 ml, Borosilicate, Graduated, Measuring	5

POST GRADUATE DEPARTMENT OF PHYSICS

LIST OF EQUIPMENTS

Sl.No	Equipment	Quantity
1	Static Torsion Apparatus	1
2	Screw gauge	4
3	Potentiometer Teak Wood- 10 Wire	2
4	Lee's Disc Arrangement	1
5	Battery Eliminator 0-12 V	4
6	Vernier Calipers	4
7	Voltmeter (0-3V)	2
8	Voltmeter (0-10V)	2
9	Voltmeter (0-1V)	2
10	Ammeter(0-100mA)	2
11	Ammeter(0-500mA)	2
12	Ammeter(0-1A)	2
13	Carey Fosters Bridge (Cu strip-Teak Wood)	1
14	Torsion Pendulum Wire (1 Roll)	1
15	Resistance Box (0 – 10000 ohm)	1
16	Standard Resistance- 1 ohm	2
17	Standard Resistance- 2 ohm	2
18	Spectrometer Grating (15000 lines/inch)	2
19	Spectrometer Prism (Crown glass)	4
20	Convex Lens (f=10cm)	6
21	Stopwatch (Digital SL Make)	5
22	Transformer 12- 0- 12V	3
23	Connection wire (Cu wire - threaded)	2
24	Connection wire (single line- plastic)	2
25	Mercury lamp only	2
26	Mercury lamp & Arrangement	2
27	Glass Beaker 250ml (Borosil)	2

28	Glass Beaker 100ml (Borosil)	2
29	Glass Beaker 50 ml(Borosil)	2
30	Glass Petri dish 100mm	2
31	Glass rod 5mm diameter, 20cm length	5
32	Hollow prism	2
33	Soldering iron	2
34	Soldering lead (100g)	2
35	Digital multimeter (metravi)	2
36	Toluene(500ml)	1
37	Laser diode (red)	1
38	RF Oscillator(0-10 MHz)	1
39	Xylene (500ml)	1
40	Acetone(500 ml)	1
41	Mercury liquid(100 gm)	1
42	Optic lever (Aluminium Base)	2

POST GRADUATE DEPARTMENT OF CHEMISTRY

LIST OF CHEMICALS & GLASSWARES

Sl. No.	Item	Qty	Number	Make
1	Acetone	500ml	2	Kanton
2	Diluent for DNA Extraction	500ml	1	
3	Ammonia	2.5L	1	Nice
4	Ammonium acetate	500g	1	Nice
5	Ammonium Borate	500g	1	Nice
6	Ammonium carbonate	500g	1	Kanton
7	Ammonium chloride	500g	1	Nice
8	Aniline	500ml	1	Kanton
9	Barium carbonate	500g	1	Nice
10	Barium nitrate	500g	1	Nice
11	Benzaldehyde	500ml	1	Nice
12	Benzoic acid	500g	1	Kanton
13	Borches reagent	125ml	1	Nice
14	Butanol	500ml	1	Nice
15	Calcium nitrate	500g	1	Nice
16	Calcium sulphate	500g	1	Nice
17	Chloroform	500ml	1	Kanton
18	Cinnamic acid	500g	1	Kanton
19	Cobaltous chloride	100g	1	Kanton
20	Con HCl	2.5L	1	Nice
21	Con Nitric acid	2.5L	1	Nice
22	Con Sulphuric acid	2.5L	1	Nice
23	Diethyl ether	500mL	2	Kanton
24	Diphenyl carbazide	10g	1	Nice
25	EDTA	500g	1	Kanton
26	Ethyl acetate	500ml	1	Kanton
27	Ferric ammonium sulphate	500g	1	Nice
28	Ferrous ammonium sulphate	500g	1	Nice
29	Filter paper (ordinary)	(500 sheet)	1	
30	Glacial acetic acid	500ml	1	Nice
31	Hydrogen peroxide (30%)	500ml	1	Kanton
32	KCl (Potassium chloride)	500g	1	Nice
33	Lead acetate	500g	1	Nice
34	Lead nitrate	500g	1	Kanton
35	Magnesium carbonate	500g	1	Nice
36	Magnesium nitrate	500g	1	Nice
37	Magneson reagent	125ml	1	Kanton

38	Manganesecarbonate	500g	1	Nice
39	Methylacetate	500mL	1	Kanton
40	Methylbenzoate	500mL	1	Kanton
41	Methylorange	125ml	1	Nice
42	n-Hexane	500ml	1	Kanton
43	Nesslersreagent	125ml	1	Nice
44	Nitrobenzene	500mL	1	Nice
45	Oxalicacid	500g	1	Kanton
46	Phenol	500g	1	Kanton
47	Phenolphthalein	125ml	1	Kanton
48	Potassiumbromide	500g	1	Kanton
49	Potassiumdichromate	500g	1	Nice
50	Potassiumiodide	500g	2	Kanton
51	Potassiumoxalate	500g	1	Kanton
52	Potassiumpermanganate	500g	1	Kanton
53	Potassiumsulphate	500g	1	Nice
54	Resublimediodine	100g	1	Kanton
55	SilicaGForTLC	500g	2	Nice
56	Sodiumbicarbonate	500g	1	Nice
57	Sodiumcarbonate	500g	1	Nice
58	Sodiumhydroxide	500g	2	Nice
59	Sodiummetal	250g	1	Nice
60	Sodiumsulphide	500g	1	Kanton
61	Sodiumthiosulphate	500g	1	Kanton
62	Stannouschloride	250g	1	Kanton
63	Starch	500g	1	Kanton
64	Tinmetalgranules	100g	1	Nice
65	Toluenerectified	500ml	1	Kanton
66	Urea	500g	1	Nice
67	Whatmanno4011cm	100/Pkt	1	
68	Whatmanno4111cm	100/Pkt	1	
69	Zincsulphate.7H2O	500g	1	Nice
70	SeparatingFunnel	250ml	3	Borosil
71	StandardFlask	1L	1	Borosil
72	StandardFlask	100ml	20	Borosil
73	Funnel	75mm	10	Borosil
74	Conicallflask	250ml	20	Borosil
75	Tile		10	
76	Porousplate		10	
77	watchglasslarge	4"	25	
78	Washbottle	500ml	10	Plastic

79	Chinadish	3"	20	
80	Capillarytube	Pkt	2	
81	Pipette	20ml	25	Borosil
82	Beaker	250ml	25	Borosil
83	Beaker	500ml	5	Borosil
84	Beaker	100ml	10	Borosil
85	PolypropelyeneBeaker	1L	1	Plastic
86	PolypropelyeneBeaker	2L	1	Plastic
87	Centrifugetube	15ml	15	Plastic
88	Wiregauzewithframe		20	
89	Semimicroconicalflask	10ml	10	Borosil
90	Semimicroconicalflask	25ml	10	Borosil
91	Iodineflask	250ml	4	Borosil
92	Boilingtube	25x150mm	20	Borosil
93	Stalagmometer		3	Borosil
94	testtube	15x125mm	20	Borosil
95	Semimicrotesttube	12x75mm	20	Borosil
96	Burette Stand		10	
97	Lab metal support stand		4	
98	Clay pipe triangle		10	

