



Accredited by the NAAC of B+ C

**VELU THAMPI MEMORIAL NSS COLLEGE
DHANUVACHAPURAM, NEYYATTINKARA
TALUK, THIRUVANANTHAPURAM PIN 695503**

Phone: 0471-2232240, Email : vtmsscollege@yahoo.in

Web site: www.vtmsscollege.ac.in

TENDER NOTICE No. A4/PD /96/2023 dated 12.04.2023

Sealed tenders are invited for the supply of following items with specifications detailed below.

Sl.No	Item	Quantity
DEPARTMENT OF PHYSICS		
1	Regulated Battery eliminator cum +/-15V dual supply (1.08V, 2V, 3V,.....12V, +/- 15V , 2A)	2
2	Prism (Crown, Refractive index 1.5, Size 32mm)	4
3	Optic Lever for bending experiment	3
4	Mercury 500g	1
5	Digital Mutimeter 6000 Counts Backlit LCD, T-RMS Multimeter, Auto Power Off, Data Hold, MAX/MIN, AC/DC Voltage knob-600mV, 6 V, 60V, AC/DC Current 60 μ A, 6mA, 60mA, 20A Resistance, Capacitance, Frequency, Temperature, Transistor Test, Diode and Continuity Test.,	3
6	Transformer 9-0-9	5
7	Standard Resistance coils (1 Ω , 2 Ω , 5 Ω , 10 Ω)	10
8	Soldering Flux 25g	5
9	Capillary tube (Diameter 0.5mm)	5
10	Soldering Lead (100g)	5
11	Soldering Iron (25W, 230V)	3
12	Glycerine (500 ml)	1
13	Magnifying reading lens	4
14	Diode Germanium IN 4071	20
15	Transistor BC 107	20
16	Transistor CL 100	20
17	Galvanometer (50-0-50) (with resistance 50 Ω for ammeter/voltmeter conversion)	2
18	Vernier Calipers (Stainless Steel)	4
19	Screw Gauge (Stainless steel)	4
20	Stop Watch Analog- One rotation= 30 sec, with start and stop knob	2
DEPARTMENT OF ZOOLOGY		
21	Molychem Chromatography Paper Whatman Chr 46x57 cm	20 nos
22	Molychem Acetic Acid Glacial (500ml)	2
23	Molychem Aceto Carmine (100ml)	3
24	Molychem Acetone AR (500ml)	2
25	Molychem DL Aspartic Acid Pure 99% (25 g)	3
26	Molychem Benedict Reagent (Qualitative) (500ml)	3

27	Molychem Blood Lancet	1
28	Molychem n-Butanol AR 99.5% (500ml)	3
29	Molychem Cotton absorbant (400g)	2
30	Molychem Fehling's sol No 1 (500ml)	1
31	Molychem Fehling's sol No 2 (500ml)	1
32	Molychem Filter Paper Sheets (45x45cms)	3
33	Molychem Formaldehyde Sol 37-41% W/V (2.5L)	2
34	Molychem Grouping Antigen (10ml)	2
35	Molychem Hydrochloric Acid LR (500ml)	1
36	Molychem L- Aspartic Acid (25g)	1
37	Molychem L-Leucine (25g)	2
38	Molychem Manganese Sulphate AR (500g)	2
39	Molychem Methylene Blue Staining Sol (125ml)	3
40	Molychem N-Butyl Alcohol (500ml)	2
41	Molychem Ninhydrin Sol for TLC Spray (125ml)	1
42	Molychem Nitric Acid LR 50% (500ml)	1
43	Molychem Phenolphthalein Indicator Sol (1%) (125ml)	1
44	Molychem Potassium. Iodide (100gm)	1
45	Molychem L-Proline (25g)	1
46	Molychem Sod. Iodide LR (100g)	1
47	Molychem Sod. Thiosulphate (500g)	1
48	Molychem Sodium Chloride LR (500gm)	1
49	Molychem Starch Soluble (500gm)	1
50	Molychem Sulphuric Acid LR (500ml)	1
51	Molychem Toluidine Blue for microscopy (25gm)	1
52	Molychem Universal Indicator Sol. (125ml)	1
53	Molychem L-Valine for Biochemistry	1
54	Molychem glassware wash	1

DEPARTMENT OF CHEMISTRY

55	Aluminium nitrate EP - 500 g bottle	2
56	Ammonium nitrate- 500 g bottle	2
57	Ammonium acetate EP - 500 g bottle	1
58	Ammonium carbonate Purified - 500 g bottle	1
59	Ammonium sulphate-500 g bottle	2
60	Ammonium phosphate-500 g bottle	2
61	Ammonium chloride EP -500 g bottle	2
62	Ammonium ferric sulphate AR - 500 g bottle	5
63	Ammonium ferrous sulphate (Mohr's salt) EP - 500 g bottle	4
64	Ammonium Hydroxide LR-500mL Bottle	6
65	Ammonium oxalate (monohydrate) Purified - 500 g bottle	1
66	Ammonium thiocyanate EP - 500 g bottle	2
67	Barium chloride AR - 500 g bottle	2
68	Barium acetate-500g	2
69	Barium nitrate-500g	2
70	Benzaldehyde LR - 500 mL bottle	3

71	Benzamide LR - 500 g bottle	2
72	Benzoic acid-500g	3
73	Benzoyl chloride- 500 mL	2
74	Borches reagent-125 ml	5
75	Boiling point apparatus	2
76	Boiling tube	10
77	Calcium acetate-450g	2
78	Calcium borate-250g	1
79	Calcium nitrate-500g	1
80	Calcium chloride.6 H ₂ O-500g	2
81	Cinnamic acid-500 g	2
82	Capillary tube	2 set
83	Cobalt nitrate LR - 100 g bottle	1
84	Copper(II) sulphate EP - 500 g bottle	1
85	Copper wire-14 gauge,2.032 mm diameter	5 meter
86	Disodium Hydrogen Phosphate-500g	1
87	Ethyl benzoate LR - 500 mL bottle	1
88	Ferric chloride LR - 500 g bottle	1
89	Ferrous sulphate LR - 500 g bottle	1
90	Filter paper sheets (ordinary)	2 set
91	First aid box	1
92	Glass Stirring Rods, with Rubber Policeman	25
93	Glass beaker-1 litre	3
94	Glass beaker-250ml	10
95	Laboratory gloves	1 box
96	Hydrochloric acid - (30-34 %) LR - 2.5 L bottle	5
97	Lead nitrate-500g	2
98	Magnesium nitrate LR - 500 g bottle	2
99	Mangenous acetate-500g	3
100	Mangenous nitrate-500g	2
101	Melting point capillary tube, glass, thin	2
102	Mercuric Iodide AR-400g bottle	2
103	Mercuric chloride AR - 100 g bottle	5
104	Methyl Orange-125ml	5
105	Metal wire guaze	20
106	Nessler's reagent ≈ 100 mL bottle	2
107	N-Phenyl Anthranilic acid-100mL bottle	1
108	1 - Naphthol, 250 g	1
109	2-Naphthol, 250 g	2
110	Nitric acid, concentrated, 2.5 L	1
111	Oxalic acid purified - 500 g bottle	2
112	Paraffin oil (light) - 500 mL bottle	1
113	Picric acid ≈ 100 mL bottle	3
114	Plastic wash bottles - Squeeze type, Fitted with Stoppers and Delivery Tubes-500 mL	10

115	Potassium chromate-500g bottle	3
116	Potassium dichromate LR - 500 g bottle	3
117	Potassium hydroxide-250 g bottle	1
118	Potassium iodide EP - 100 g bottle	2
119	phenolphthalien-100g	5
120	Potassium permanganate, AR - 500 g bottle	1
121	Phthalic acid-500g	2
122	Phenol-500 ml	2
123	Resorcinol, 250 g	1
124	Reflux Condenser with round bottom flask	5
125	Dropping bottle, Plastic-60 ml	50
126	Shiff's reagent, \approx 100 mL	1
127	Silica crucible - 5cm in diameter	10
128	Sodium carbonate (anhydrous) LR - 500 g bottle	4
129	Sodium hydroxide pellets Purified - 500 g bottle	2
130	Sodium sulphide, 500 g	1
131	Sodium thiosulphate (pentahydrate) Purified - 500 g bottle	2
132	Starch-500g	1
133	Stannous chloride LR - 100 g bottle	5
134	Sulphuric acid (98 %) LR - 5 L bottle	1
135	Tin metal-100g	1
136	Test tube, Glass –medium size	100
137	Triangular tripod stand, metal 200 x 125 mm	10
138	Test tube holder	25
139	Urea-500g	1
140	Volumetric Flasks with Interchangeable Solid Glass Stopper Accuracy as per Class B, 100 mL, Stopper 14/23, BOROSIL	5
141	Volumetric Flasks with Interchangeable Solid Glass Stopper Accuracy as per Class B, 500 mL, Stopper 14/23, BOROSIL	5
142	Whatman 40 filter paper - 100 nos pack	2
143	Watch glass	10
144	Zinc nitrate hexahydrate LR - 500 g bottle	1
145	Electronic balance(Analytical)-(two digit-capacity 200g, readability of 0.01 g with Auto Calibration and auto zero tracking)	1
146	Electronic balance(Analytical)-(three digit-capacity 200g, readability of 0.001 g with Auto Calibration and auto zero tracking)	1
DEPARTMENT OF BOTANY		
147	Benedict's solution	3 bottles
148	Potassium iodide solution	3 bottles
149	Copper sulphate solution	3 bottles
150	Glucose - 500 gm	(2 nos.)
151	Sodium hydroxide -500 gm	(2 nos.)
152	Ethyl Alcohol (China)-500 ml	(4 nos.)

153	Lampsol (500 ml)	(4 nos.)
154	Coupling jar (Plastic)	50 nos
156	Test tubes (Big size)	50 nos.
157	Table stand (wooden) (for keeping stains, needle, micro slides etc.)	25 nos

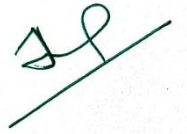
The tender documents and conditions

- The cost of tender form is Rs. 0.20% of PAC (rounded to nearest 100/-- minimum Rs.400/- + 12 % GST + and other taxes applicable. The tender cost is to be paid by way of cash / Demand Draft for the amount drawn in favour of **The Principal, VTM NSS College, Dhanuvachapuram, Pin-695503, Thiruvananthapuram District**, payable at **Thiruvananthapuram** enclosed along with the tender submitted.
- Earnest Money Deposit (EMD)

EMD @ 1 % of the cost of structure offered may be remitted by a separate DD drawn as detailed above.
- Agreement on Kerala Stamp paper for Rs. 200.00

Form of agreement can be downloaded from the website <http://www.vtmnsscollege.ac.in/tenders and quotations>
- The offer for the item should indicate separately the basic unit, accessories and optional and its cost. Taxes, customs and excise duty, packing, forwarding and any other cost for its installation, if any should also be included. Tender for items of lower configuration than specified above will summarily be rejected.
- The supplier should provide onsite after sales service support.
- The supplier will replace the defective material, free of cost, if noticed within the Guarantee/ Warranty period.
- The sealed cover containing the tender documents should be superscribed “**Tender for the supply of Lab items** Tender Notice No. **A4/PD/96/2023 dated 12.04.2023**” and sent to The Principal, VTM NSS College, Dhanuvachapuram, Pin-695503, Thiruvananthapuram District, Kerala
- The supplier should give the details of the nearest service center and response time.
- Details of warranty, after sale service offered on expiry of normal warranty period, available should be mentioned.
- The undersigned reserves the authority to accept or reject any or all the tenders without assigning any reason.
- The decision of the undersigned in finalizing the tenders shall be final and binding.

12. Leaflets/brochures/catalogues of the materials describing its features, applications, specifications etc. should be provided along with tender.
13. Tenders will be received up to 1 PM on **03.05.2023**
14. Tenders will be opened at 11 AM on **04.05.2023** in the presence of the tenderers present at that time.
15. Tenders received late or incomplete in any respect will be summarily rejected without notice and the decision of the undersigned on such matters will be final.
16. The items should be supplied within 7 days of supply order.
17. All conditions of Kerala government tenders are applicable in this case also. Further information can be had from the web site <http://www.vtmnsscollege.ac.in/tendersandquotations> or from the office of The Principal, VTM NSS College, Dhanuvachapuram, Pin-695503, Thiruvananthapuram District, Kerala.



Principal
VTM NSS College, Dhanuvachapuram