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

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QUOTATION NOTICE No. A4/PD /241/2024 dated 02.04.2024

Sealed quotations 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)	3
2	Viscosity of liquid at variable pressure head setup, Calibrated Burette, capillary tube of 0.05 cm, Rubber tube	2
3	Calibrated Burette Borosil 100 ml	2
4	Calibrated Burette Borosil 50 ml	2
5	Resistance Box with fractional resistance	10
6	Voltmeter 0 to 1 V	5
7	Ammeter 0 – 30mA	4
8	Ammeter 0 – 100mA	4
9	Scale and telescope set up	3
10	Box type vibration magnetometer	3
11	Searles Vibration magnetometer	2
12	Ammeter 0 – 10mA	4
13	Ammeter 0 – 250mA	4
14	Travelling Microscope (Three Motions)	3
15	Spectro meter (Scale 7" Vernier Reading 30 sec Width up / down motion in collimator and telescope With Reading Lens (Magnifier)	3
16	Prism (Crown, Refractive index 1.5, Size 32mm)	4
17	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.,	4
18	Mercury 500g	3
19	Transformer 9-0-9	5
20	Standard Resistance coils (1 Ω , 2 Ω , 5 Ω , 10 Ω)	10
21	Soldering Flux 25g	5
22	Soldering Lead (100g)	5
23	Soldering Iron (25W, 230V)	3
24	Glycerine (500 ml)	1
25	Magnifying reading lens with light	5
26	Diode Germanium IN 4071	20
27	Transistor BC 107	20
28	Transistor CL 100	20
29	Galvanometer (50-0-50) (with resistance 50 Ω for ammeter/voltmeter	2

	conversion)	
30	Stop Watch Analog- One rotation= 30 sec, with start and stop knob	2
31	Dimmerstat 1A , (0- 270)V AC with socket to take plug output.	2
32	Electric Coil type heater (750 Watts) for Lees disc	1
33	Newton's Rings Set Apparatus compact type (with Microscope- Bridge type(movement in three direction,convex or Plano convex Lens of large focal length (above 100 cm), 45 degree glass plate set up etc.)	1
DEPARTMENT OF ZOOLOGY		
34	Chromatography Paper Whatman Chr 46x57 cm	20 nos
35	Acetic Acid Glacial (500ml)	2
36	Aceto Carmine (100ml)	3
37	Acetone AR (500ml)	2
38	DL Aspartic Acid Pure 99% (25 g)	3
39	Benedict Reagent (Qualitative) (500ml)	3
40	Blood Lancet	1
41	n-Butanol AR 99.5% (500ml)	3
42	Cotton absorbant (400g)	2
43	Fehling's sol No 1 (500ml)	1
44	Fehling's sol No 2 (500ml)	1
45	Filter Paper Sheets (45x45cms)	3
46	Formaldehyde Sol 37-41% W/V (2.5L)	2
47	Grouping Antigen (10ml)	2
48	Hydrochloric Acid LR (500ml)	1
49	L- Aspartic Acid (25g)	1
50	L-Leucine (25g)	2
51	Manganese Sulphate AR (500g)	2
52	Methylene Blue Staining Sol (125ml)	3
53	N-Butyl Alcohol (500ml)	2
54	Ninhydrin Sol for TLC Spray (125ml)	1
55	Nitric Acid LR 50% (500ml)	1
56	Phenolphthalein Indicator Sol (1%) (125ml)	1
57	Potassium. Iodide (100gm)	1
58	L-Proline (25g)	1
59	Sod. Iodide LR (100g)	1
60	Sod. Thiosulphate (500g)	1
61	Sodium Chloride LR (500gm)	1
62	Starch Soluble (500gm)	1
63	Sulphuric Acid LR (500ml)	1
64	Toluidine Blue for microscopy (25gm)	1
65	Universal Indicator Sol. (125ml)	1
66	L-Valine for Biochemistry	1
67	glassware wash	1
DEPARTMENT OF CHEMISTRY		
68	Aluminium nitrate EP - 500 g bottle	2
69	Ammonium nitrate- 500 g bottle	2

70	Ammonium acetate EP - 500 g bottle	1
71	Ammonium carbonate Purified - 500 g bottle	1
72	Ammonium sulphate-500 g bottle	2
73	Ammonium phosphate-500 g bottle	2
74	Ammonium chloride EP -500 g bottle	2
75	Ammonium ferric sulphate AR - 500 g bottle	5
76	Ammonium ferrous sulphate (Mohr's salt) EP - 500 g bottle	4
77	Ammonium Hydroxide LR-500mL Bottle	6
78	Ammonium oxalate (monohydrate) Purified - 500 g bottle	1
79	Ammonium thiocyanate EP - 500 g bottle	2
80	Barium chloride AR - 500 g bottle	2
81	Barium acetate-500g	2
82	Barium nitrate-500g	2
83	Benzaldehyde LR - 500 mL bottle	3
84	Benzamide LR - 500 g bottle	2
85	Benzoic acid-500g	3
86	Benzoyl chloride- 500 mL	2
87	Borches reagent-125 ml	5
88	Boiling point apparatus	2
89	Boiling tube	10
90	Calcium acetate-450g	2
91	Calcium borate-250g	1
92	Calcium nitrate-500g	1
93	Calcium chloride.6 H ₂ O-500g	2
94	Cinnamic acid-500 g	2
95	Capillary tube	2 set
96	Cobalt nitrate LR - 100 g bottle	1
97	Copper(II) sulphate EP - 500 g bottle	1
98	Copper wire-14 gauge,2.032 mm diameter	5 meter
99	Disodium Hydrogen Phosphate-500g	1
100	Ethyl benzoate LR - 500 mL bottle	1
101	Ferric chloride LR - 500 g bottle	1
102	Ferrous sulphate LR - 500 g bottle	1
103	Filter paper sheets (ordinary)	2 set
104	First aid box	1
105	Glass Stirring Rods, with Rubber Policeman	25
106	Glass beaker-1 litre	3
107	Glass beaker-250ml	10
108	Laboratory gloves	1 box
109	Hydrochloric acid - (30-34 %) LR - 2.5 L bottle	5
110	Lead nitrate-500g	2
111	Magnesium nitrate LR - 500 g bottle	2
112	Mangenuous acetate-500g	3
113	Mangenuous nitrate-500g	2
114	Melting point capillary tube, glass, thin	2

115	Mercuric Iodide AR-400g bottle	2
116	Mercuric chloride AR - 100 g bottle	5
117	Methyl Orange-125ml	5
118	Metal wire guaze	20
119	Nessler's reagent \approx 100 mL bottle	2
120	N-Phenyl Anthranilic acid-100mL bottle	1
121	1 - Naphthol, 250 g	1
122	2-Naphthol, 250 g	2
123	Nitric acid, concentrated, 2.5 L	1
124	Oxalic acid purified - 500 g bottle	2
125	Paraffin oil (light) - 500 mL bottle	1
126	Picric acid \approx 100 mL bottle	3
127	Plastic wash bottles - Squeeze type, Fitted with Stoppers and Delivery Tubes-500 mL	10
128	Potassium chromate-500g bottle	3
129	Potassium dichromate LR - 500 g bottle	3
130	Potassium hydroxide-250 g bottle	1
131	Potassium iodide EP - 100 g bottle	2
132	phenolphthalien-100g	5
133	Potassium permanganate, AR - 500 g bottle	1
134	Phthalic acid-500g	2
135	Phenol-500 ml	2
136	Resorcinol, 250 g	1
137	Reflux Condenser with round bottom flask	5
138	Dropping bottle, Plastic-60 ml	50
139	Shiff's reagent, \approx 100 mL	1
140	Silica crucible - 5cm in diameter	10
141	Sodium carbonate (anhydrous) LR - 500 g bottle	4
142	Sodium hydroxide pellets Purified - 500 g bottle	2
143	Sodium sulphide, 500 g	1
144	Sodium thiosulphate (pentahydrate) Purified - 500 g bottle	2
145	Starch-500g	1
146	Stannous chloride LR - 100 g bottle	5
147	Sulphuric acid (98 %) LR - 5 L bottle	1
148	Tin metal-100g	1
149	Test tube, Glass –medium size	100
150	Triangular tripod stand, metal 200 x 125 mm	10
151	Test tube holder	25
152	Urea-500g	1
153	Volumetric Flasks with Interchangeable Solid Glass Stopper Accuracy as per Class B, 100 mL, Stopper 14/23, BOROSIL	5
154	Volumetric Flasks with Interchangeable Solid Glass Stopper Accuracy as per Class B, 500 mL, Stopper 14/23, BOROSIL	5
155	Whatman 40 filter paper - 100 nos pack	2
156	Watch glass	10
157	Zinc nitrate hexahydrate LR - 500 g bottle	1

158	Electronic balance(Analytical)-(two digit-capacity 200g, readability of 0.01 g with Auto Calibration and auto zero tracking)	1
159	Electronic balance(Analytical)-(three digit-capacity 200g, readability of 0.001 g with Auto Calibration and auto zero tracking)	1
DEPARTMENT OF BOTANY		
160	Benedict's solution	3 bottles
161	Potassium iodide solution	3 bottles
162	Copper sulphate solution	3 bottles
163	Glucose - 500 gm	(2 nos.)
164	Sodium hydroxide -500 gm	(2 nos.)
165	Ethyl Alcohol (China)-500 ml	(4 nos.)
166	Lampsol (500 ml)	(4 nos.)
167	Coupling jar (Plastic)	50 nos
168	Test tubes (Big size)	50 nos.
169	Table stand (wooden) (for keeping stains, needle, micro slides etc.)	25 nos

Last Date and Time of the receipt of quotation: 22/04/2024 1 pm

Date and time of opening of quotation: 23/04/2024 11 am

The tender documents and conditions

1. 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. Quotations for items of lower configuration than specified above will summarily be rejected.
2. The supplier should provide the items at the college.
3. The supplier will replace the defective material, free of cost, if noticed within the Guarantee/Warranty period.
4. The sealed cover containing the quotation documents should be superscribed "**Quotation for the supply of Lab items** Tender Notice No. **A4/PD/241/2024 dated 02.04.2024**" and sent to The Principal, VTM NSS College, Dhanuvachapuram, Pin-695503, Thiruvananthapuram District, Kerala
5. The supplier should give the details of the nearest service center and response time.
6. Details of warranty, after sale service offered on expiry of normal warranty period, available should be mentioned.
7. The undersigned reserves the authority to accept or reject any or all the quotations without assigning any reason.
8. The decision of the undersigned in finalizing the tenders shall be final and binding.
9. Leaflets/brochures/catalogues of the materials describing its features, applications, specifications etc. should be provided along with quotation.
10. Quotations will be received up to 1 PM on **22.04.2024**.

11. Quotations will be opened at 11 AM on **23.04.2024** in the presence of the tenderers present at that time.
12. Quotations 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.
13. The items should be supplied within 7 days of supply order.
14. All conditions of Kerala government tenders are applicable in this case also. Further information can be had from the web site <https://vtmnsscollege.ac.in/pd-purchase-tender-and-quotation/> or from the office of The Principal, VTM NSS College, Dhanuvachapuram, Pin-695503, Thiruvananthapuram District, Kerala.



Principal
VTM NSS College, Dhanuvachapuram