

ANNEXURE 12

FORM OF SHORT TENDER NOTICE

Tender No. 6/2022-23 /GCW

Govt. College for Women,
Vazhuthacaud ,
Thiruvananthapuram.

TOTAL ESTIMATE-3,98,253/-

Sealed tenders are invited for the supply of the following stores- **Purchase of chemicals to Chemistry Department - 2202 -03 -103 -76 -00 34 - Development of Laboratories, Libraries and Furniture -Plan 2022 -2023.**

The envelopes containing the tender should bear the superscription "**Tender for the supply of chemicals to Chemistry department**" and should be addressed to **Principal, Govt. College for Women, Vazhuthacaud, Thiruvananthapuram - 14.**

Last date for the receipt of tenders will be 16/01/2023 11.30am Late tenders will not be accepted. The tenders will be opened at 02.00 p. m. on 16/01/2023 in the presence of such of the tenderers or their authorized representatives who may be present at that time.

Intending tenderers may, on application to the Principal, Govt. College for Women , Vazhuthacaud, Thiruvananthapuram obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of` **Rs. 1280/-+GST18%** (GST amount of the tender form Rs.230/-should be remit on reverse charge mode by the registered tax payer and the printout of the chalan should be submitted to office) which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed at 11.00 a. m. on 13/01/2023 Cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V. P. P. Duplicate tender forms, if required will be issued at Rs.700/-+GST per copy.

The Earnest Money deposit @ 1% of the total amount tendered for subject to a minimum of Rs.1500/- should be accompanied by Demand Draft in favour of the **Principal, Government College for Women, Thiruvananthapuram** or fixed deposit receipts. The tenderers who are eligible for exemption from payment of EMD/Security deposit should enclose a copy of the latest certificate in support of the name issued by Government of Kerala, Store Purchase Department Dus & D etc. Otherwise the tender will be summarily rejected. The right to accept or reject the tender without assigning any reason thereof is vested with the undersigned. Total tendered amount must be specified clearly in the tender.

NB: The price to be quoted in the tender must be inclusive of all taxes.

Place: Vazhuthacaud

Date: 19/12/2022.

(Name and Designation of Issuing
Officer).

Approval Valid

Digitally Approved By
Dr.Chandini Sam S.P
Date: 21.12.2022
Reason: Approved

DEPARTMENT OF CHEMISTRY

GOVERNMENT COLLEGE FOR WOMEN, THIRUVANANTHAPURAM

Annual purchase of chemicals under PLAN FUND 2022-23

(Lab & Library 2202-03-103-76)

Sl. No.	Name of Chemical/equipment	Quantity
Chemicals A.R Grade		
1	Aniline 99% AR 500 mL	8
2	Ammonium ferrous sulphate AR 500g	5
3	Barium chloride AR 500g	4
4	Benzophenone AR 500g	2
5	Biphenyl AR 500g	2
6	Chloroform AR 2.5L	5
7	Ferric alum AR 500g	15
8	Ferrous sulphate AR 500g	4
9	Hydrochloric acid AR 2.5L	6
10	Naphthalene AR 500g	5
11	Nitrobenzene AR 500g	4
12	Oxalic acid dihydrate 500g	2
13	Phenol 99% AR 500 mL	6
14	Potassium bromide AR 500g	1
15	Potassium chloride AR 500g	2
16	Potassium dichromate 500g	2
17	Potassium iodide AR 100g	6
18	Sodium thiosulphate AR pellets 500g	6
19	Urea G R	6
20	Zinc sulphate hepta hydrate AR 500g	4
Chemicals G.R/ L.R grade		
21	Acetanilide LR 500g	2
22	Acetic Acid Glacial LR 2.5L	4
23	Acetone 2.5L	4
24	Acetophenone 500 mL	2
25	Activated Charcol 500g	2
26	Aluminium nitrate 500g	2
27	Aluminium Sulphate 500g	1
28	Ammonia Solution (20-30%) 2.5L	4
29	Ammonium bromide 500g	1
30	Ammonium carbonate 500g	4
31	Ammonium chloride 500g	6
32	Ammonium fluoride 250g	1
33	Ammonium molybdate 250g	2
34	Ammonium Nickel(II) sulphate hexahydrate 500g	2
35	Ammonium Nitrate 500g	2
36	Ammonium oxalate 100g	2

37	Ammonium phosphate 100g	1
38	Ammonium sulphate 500g	4
39	Ammonium thiocyanate 500g	3
40	α -Naphthol 500g	1
41	Aniline 99% LR 500mL	4
42	Anthranilic acid 100g	1
43	Barium acetate 500g	2
44	Barium nitrate 500g	2
45	Benzaldehyde 500mL	4
46	Benzamide 98% 500g	2
47	Benzoic acid A R 500g	4
48	Benzoyl Chloride 500 mL	2
49	β -Naphthol 500g	2
50	Borax LR 500g	2
51	Butan-1-ol 500 mL	2
52	Calcium acetate 500g	2
53	Calcium borate 500g	1
54	Calcium chloride fused 500g	5
55	Calcium chloride anhydrous 500g	4
56	Calcium fluoride 500g	1
57	Ceric Ammonium Nitrate 500g	2
58	Cinnamic acid 250g	3
59	Cobalt chloride 500g	1
60	Cobalt nitrate 100g	1
61	Copper sulfate pentahydrate 500g	4
62	D glucose AR or Dextrose 500g	2
63	Diethyl ether 500 mL	20
64	Dimethyl glyoxime 100g	2
65	Diphenyl amine 250g	1
66	Diphenyl carbazide 10g	2
67	Disodium hydrogenphosphate 500g	2
68	Ethyl acetate 2.5L	2
69	Ethyl benzoate 500mL	2
70	Ethylene diamine tetra acetic acid disodium (EDTA) 500g	4
71	Ferric chloride hydrated AR 500g	1
72	Ferrous sulphide sticks 1000g	4
73	Hexane 2.5L	4
74	Hydrogen peroxide 30% 500 mL	4
75	Iodine granular resublimed 100g	5
76	Isopropyl alcohol 500mL	3
77	Lead acetate 500g	1
78	Magnesium borate 500g	1
79	Magnesium chloride 500g	1
80	Magnesium fluoride 500g	1

81	Magnesium nitrate 500g	1
82	Magnesium sulphate 500g	1
83	Magneson Reagent 500 mL	4
84	Manganese acetate 500g	1
85	Manganese chloride 500g	1
86	Manganese dioxide 500g	1
87	Manganese sulphate monohydrate 500g	1
88	Mercuric chloride 250g	2
89	Methyl acetate 500mL	4
90	m-nitroaniline 500g	2
91	N,N- Dimethyl formamide 500mL	1
92	Naphthalene LR 500g	4
93	Nesslers reagent 125mL	6
94	Nickel Chloride 500g	1
95	Nickel sulphate 500g	4
96	Nitrobenzene LR 500 mL	2
97	o-toludene 500 mL	2
98	Oxalic acid LR 500g	4
99	p-chlorobenzoic acid 500g	2
100	Phenolphthalene solution 0.1N 125mL	4
101	p-nitrobenzoic acid 500g	2
102	Potassium bromate 99% 500g	1
103	Potassium ferricyanide 500g	1
104	Potassium hydroxide 500g	1
105	Potassium iodide 100g	3
106	Potassium oxalate monohydrate 500g	2
107	Potassium periodate 100g	4
108	Potassium sulphate 250g	1
109	p-toludene 500g	2
110	Resorcinol LR 250g	1
111	Salicylic acid 500g	1
112	Silica gel G for TLC 500g	10
113	Silver nitrate 25g	2
114	Sodium acetate fused 500g	1
115	Sodium bicarbonate LR 500g	4
116	Sodium dihydrogen orthophosphate 500g	1
117	Sodium Metabisulphite 500g	1
118	Sodium Metal 500g	2
119	Sodium sulphate anhydrous 500g	1
120	Sodium sulphide flakes 500g	1
121	Sodium thiosulphate 500g	2
122	Stannous chloride 100g	2
123	Starch powder 500g	2
124	Strontium nitrate 500g	2
125	Sulphuric acid LR 2.5 L	5

126	Toluene LR 500 mL	4
127	Urea LR 500g	3
128	Whatman filter paper No 40 (pkt of 100 circles)	10
129	Whatman filter paper No 41 (pkt of 100 circles)	10
130	Zinc acetate 500g	2
131	Zinc borate 500g	1
132	Zinc nitrate 500g	2
133	Zinc sulphate AR 500g	2
134	Beaker 10 mL Borosil®	25
135	Beaker 100 mL Borosil®	100
136	Beaker 1000 mL Borosil®	10
137	Beaker 250 mL Borosil®	100
138	Beaker 50 mL Borosil®	25
139	Beaker 500 mL Borosil®	75
140	Boiling tube Borosil®	100
141	Burette 50 mL Borosil® A class with glass stopcock	125
142	Burette stand (teak wood)	50
143	Metal clip for Burette stand	100
144	Capillary tube for melting point (pkts)	10
145	Capillary tube for TLC (pkts)	10
146	Centrifuge tube polythene 15 mL	20
147	China dish	100
148	Clay pipe triangle	100
149	Conical flask 250 mL	100
150	Conical flask 100 mL	100
151	Crucible Silica with lid	50
152	Dropper (glass)	100
153	Dropper (plastic)	100
154	Electric bunsen burner	20
155	Filter paper A1 sheet(460x570 mm)	100
156	Filter paper ordinary sheet	500
157	Funnel Borosil®(3")	50
158	Funnel polythene(3")	50
159	Glass Dessicator [not less than 200 mm (8")] and lid made of annealed glass for durability. Should include a glazed porcelain sample plate of suitable diameter with holes for holding crucible.	20
160	Glass rod (15 cm length)	100
161	Glass tube (15 cm length)	50
162	Iodine Chamber with lid (glass)	3
163	Iodine flask 500 mL Borosil®	15
164	Measuring cylinder 10 mL Borosil®	20
165	Measuring cylinder 100 mL Borosil®	15
166	Measuring cylinder 250 mL Borosil®	7
167	Measuring cylinder 5 mL Borosil®	20

168	Measuring cylinder 50 mL Borosil®	20
169	Measuring cylinder 500 mL Borosil®	5
170	Petridish	40
171	pH meter	2
172	Pipette 10 mL Borosil®	10
173	Pipette 2 mL Borosil®	10
174	Pipette 20 mL Borosil® A class	50
175	Pipette 5 mL Borosil®	10
176	Pipette pump (20/25 mL)	20
177	Plane glass slide for TLC 1"x3"	100
178	RB flask 250 mL Borosil® joint 24/29 with water condensor (50 cm length)	8
179	Separating funnel 250 mL Borosil®	20
180	Solution bottle 100 mL	100
181	Spatula steel	150
182	Stalagmometer	15
183	Standard flask 100 mL Borosil® A class with work certificate	50
184	Standard flask 1000 mL Borosil® A class with work certificate	4
185	Standard flask 250 mL Borosil® A class with work certificate	25
186	Standard flask 500 mL Borosil® A class with work certificate	5
187	Test tube 10 mL Borosil®	800
188	Test tube 15 mL Borosil®	300
189	Testtube holder with wooden hand	150
190	Thermometer(sensitive)	30
191	TLC chamber (glass) with lid	8
192	Tongs stainless steel (12" long)	100
193	Tripod stand	100
194	Viscometer 20 mL capacity	10
195	Wash bottle polythene 500 mL with tube	100
196	Watch glass (4")	250
197	Wire gauze	150
198	Wrist Action Shaker 8 flask of 250 mL	1

The amount may be limited to the allotted amount for the department.

Head, Dept. of Chemistry