



OFFICE OF THE PRINCIPAL
HANDIQUE GIRLS' COLLEGE

Ph.: 0361-2970214 (O)

GUWAHATI - 781001, ASSAM

Dr. Ranjit Sarma, M.Sc., M. Phil, Ph.D.
Principal-cum-Secretary

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Website: www.hgcollege.edu.in

Ref. No. :.....HGC/LAB/CHE/2018/06/10

Date 16/11/2023.....

NOTICE INVITING QUOTATION

Sealed quotation from registered Laboratory suppliers/ dealer etc. to supply of the Laboratory Chemicals & Apparatus to the Department of Chemistry, Handique Girls' College on or before **01/12/2023 up to 14.00 hrs.** No postal or other kinds of delayed will be entertained. If any reason the last date of submission will be holiday and next working day will be treated as last date and the time will remain same. The number of NIQ mentioned above have to be written on the envelop.

<u>Sl No.</u>	<u>Chemicals</u>	<u>Preferred MAKE</u>	<u>Quantity</u>
1	ABTS		per unit
2	Acetic acid	Merck/Quqligen/Fisher Chem	2.5L
3	Acetone	Merck/Quqligen/Fisher Chem	2.5L
4	Acetophenone	Merck/Quqligen/Fisher Chem	per unit
5	Acetyl acetone	Merck/Quqligen/Fisher Chem	per unit
6	Activated Charcoal	Merck/Quqligen/Fisher Chem	per unit
7	Aluminium sulphate	Merck/Quqligen/Fisher Chem	per unit
8	Ammonia liquor	Merck/Quqligen/Fisher Chem	2.5L
9	Ammonia solution	Merck/Quqligen/Fisher Chem	2.5L
10	Ammonium acetate	Merck/Quqligen/Fisher Chem	per unit
11	Ammonium bifluoride	Merck/Quqligen/Fisher Chem	per unit
12	Ammonium carbonate	Merck/Quqligen/Fisher Chem	per unit
13	Ammonium chloride	Merck/Quqligen/Fisher Chem	per unit
14	Ammonium dichromate	Merck/Quqligen/Fisher Chem	per unit
15	Ammonium ferric sulphate	Merck/Quqligen/Fisher Chem	per unit
16	Ammonium ferrous sulphate	Merck/Quqligen/Fisher Chem	per unit
17	Ammonium molybdate	Merck/Quqligen/Fisher Chem	per unit
18	Ammonium Oxalate	Merck/Quqligen/Fisher Chem	per unit
19	Ammonium sulphate	Merck/Quqligen/Fisher Chem	per unit
20	Ammonium thiocyanate	Merck/Quqligen/Fisher Chem	per unit
21	Anisaldehyde	Merck/Quqligen/Fisher Chem	per unit
22	Anthracene	Merck/Quqligen/Fisher Chem	per unit
23	Anthranilic acid	Merck/Quqligen/Fisher Chem	per unit
24	Barium carbonate	Merck/Quqligen/Fisher Chem	per unit
25	Barium chloride	Merck/Quqligen/Fisher Chem	per unit
26	Barium hydroxide	Merck/Quqligen/Fisher Chem	per unit
27	Benzaldehyde	Merck/Quqligen/Fisher Chem	per unit
28	Benzil	Merck/Quqligen/Fisher Chem	per unit
29	Benzoin	Merck/Quqligen/Fisher Chem	per unit
30	Benzophenone	Merck/Quqligen/Fisher Chem	per unit
31	Benzoyl Chloride	Merck/Quqligen/Fisher Chem	per unit



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32	Benzyl acetate	Merck/Quqligen/Fisher Chem	per unit
33	Benzyl alcohol	Merck/Quqligen/Fisher Chem	per unit
34	Benzyl amine	Merck/Quqligen/Fisher Chem	per unit
35	Boric acid	Merck/Quqligen/Fisher Chem	per unit
36	Boron trioxide	Merck/Quqligen/Fisher Chem	per unit
37	BPPH	Merck/Quqligen/Fisher Chem	per unit
38	Buffer tablets (pH 4, 7, 9.2)	Merck/Quqligen/Fisher Chem	per unit
39	n-butyl amine	Merck/Quqligen/Fisher Chem	per unit
40	Butyl acetate	Merck/Quqligen/Fisher Chem	per unit
41	Calcium carbonate (fused)	Merck/Quqligen/Fisher Chem	per unit
42	Calcium chloride	Merck/Quqligen/Fisher Chem	per unit
43	Calcium hydroxide	Merck/Quqligen/Fisher Chem	per unit
44	Calcium oxide	Merck/Quqligen/Fisher Chem	per unit
45	Carbon Tetrachloride	Merck/Quqligen/Fisher Chem	per unit
46	Cetyl trimethyl ammoniumbromide(CTAB)	Merck/Quqligen/Fisher Chem	per unit
47	Chloro acetic acid	Merck/Quqligen/Fisher Chem	per unit
48	Copper carbonate	Merck/Quqligen/Fisher Chem	per unit
49	Copper sulphate	Merck/Quqligen/Fisher Chem	per unit
50	Copper nitrate	Merck/Quqligen/Fisher Chem	per unit
51	Copper turnings	Merck/Quqligen/Fisher Chem	per unit
52	Cyclohexane	Merck/Quqligen/Fisher Chem	per unit
53	Diethyl ether	Merck/Quqligen/Fisher Chem	per unit

	Chemicals	Preferred MAKE	Quantity
54	Dimethyl glyoxime	Merck/Quqligen/Fisher Chem	per unit
55	2,4-dinitrophenylhydrazine (Brady's reagent)	Merck/Quqligen/Fisher Chem	per unit
56	Disodium hydrogen phosphate	Merck/Quqligen/Fisher Chem	per unit
57	EDTA disodium salt	Merck/Quqligen/Fisher Chem	per unit
58	Ethyl acetate	Merck/Quqligen/Fisher Chem	500ml / 5L
59	Ethyl methyl ketone	Merck/Quqligen/Fisher Chem	per unit
60	Ferrous sulphate	Merck/Quqligen/Fisher Chem	per unit
61	Ferrous sulphide stick	Merck/Quqligen/Fisher Chem	per unit
62	Formalin	Merck/Quqligen/Fisher Chem	500mL/ 5L
63	Folin-Ciocatten (FC) reagent		per unit
64	Gallic acid		per unit
65	Glycerol	Merck/Quqligen/Fisher Chem	per unit
66	Glycine	Merck/Quqligen/Fisher Chem	per unit



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67	Hydrochloric acid	Merck/Quqligen/Fisher Chem	5L
68	Hydrogen peroxide	Merck/Quqligen/Fisher Chem	per unit
69	2-hydroxy acetophenone	Merck/Quqligen/Fisher Chem	per unit
70	8-hydroxyquinolin	Merck/Quqligen/Fisher Chem	per unit
71	Iodine	Merck/Quqligen/Fisher Chem	per unit
72	Iso-Butane	Merck/Quqligen/Fisher Chem	per unit
73	Isopropyl alcohol	Merck/Quqligen/Fisher Chem	per unit
74	Lead acetate	Merck/Quqligen/Fisher Chem	per unit
75	Lead Nitrate	Merck/Quqligen/Fisher Chem	per unit
76	Magnesium sulphate	Merck/Quqligen/Fisher Chem	per unit
77	Magneson reagent	Merck/Quqligen/Fisher Chem	per unit
78	Magnesium carbonate	Merck/Quqligen/Fisher Chem	per unit
79	m-Dinitrobenzene	Merck/Quqligen/Fisher Chem	per unit
80	Methanol	Merck/Quqligen/Fisher Chem	5L
81	Methyl acetate	Merck/Quqligen/Fisher Chem	per unit
82	N,N-dimethyl aniline	Merck/Quqligen/Fisher Chem	per unit
83	n-Butanol	Merck/Quqligen/Fisher Chem	per unit
84	n-Hexane	Merck/Quqligen/Fisher Chem	per unit
85	1-Napthol	Merck/Quqligen/Fisher Chem	per unit
86	2-Napthol	Merck/Quqligen/Fisher Chem	per unit
87	Nitric acid	Merck/Quqligen/Fisher Chem	5L
88	Nitric acid(fuming)	Merck/Quqligen/Fisher Chem	per unit
89	2-nitro aniline	Merck/Quqligen/Fisher Chem	per unit
90	Nitro benzene	Merck/Quqligen/Fisher Chem	per unit
91	o-nitro benzoic acid	Merck/Quqligen/Fisher Chem	per unit
92	o-Phenanthroline	Merck/Quqligen/Fisher Chem	per unit
93	ortho-phosphoric acid	Merck/Quqligen/Fisher Chem	per unit
94	Oxalic acid	Merck/Quqligen/Fisher Chem	per unit
95	Petroleum ether (40-60)	Merck/Quqligen/Fisher Chem	per unit
96	Petroleum ether (60-80)	Merck/Quqligen/Fisher Chem	per unit
97	Phenanthrene	Merck/Quqligen/Fisher Chem	per unit
98	Phenol(liquid)	Merck/Quqligen/Fisher Chem	per unit
99	Phenolphthalein	Merck/Quqligen/Fisher Chem	
100	Potassium bromide	Merck/Quqligen/Fisher Chem	per unit
101	Potassium chloride	Merck/Quqligen/Fisher Chem	per unit
102	Potassium chromate	Merck/Quqligen/Fisher Chem	per unit
103	Potassium dichromate	Merck/Quqligen/Fisher Chem	per unit
104	Potassium ferricyanide	Merck/Quqligen/Fisher Chem	per unit
105	Potassium ferrocyanide	Merck/Quqligen/Fisher Chem	per unit
106	Potassium iodide	Merck/Quqligen/Fisher Chem	per unit
107	Potassium nitrate	Merck/Quqligen/Fisher Chem	per unit



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	Chemicals	Preferred MAKE	Quantity
108	Potassium nitrite	Merck/Quqligen/Fisher Chem	per unit
109	Potassium oxalate	Merck/Quqligen/Fisher Chem	per unit
110	Potassium permanganate	Merck/Quqligen/Fisher Chem	per unit
111	Quercetin		per unit
112	Rectified spirit	Bengal chemicals	450mL
113	Rhodamine B		per unit
114	Salicylic Acid	Merck/Quqligen/Fisher Chem	500g
115	Salicylaldehyde		per unit
116	Silica gel 60-120 mesh	Merck/Quqligen/Fisher Chem	per unit
117	Silica gel for drying	Merck/Quqligen/Fisher Chem	per unit
118	Silica gel G	Fischer Scientific	per unit
119	Silver nitrate	Merck/Quqligen/Fisher Chem	per unit
120	Sodium bicarbonate	Merck/Quqligen/Fisher Chem	per unit
121	Sodium borohydride	Merck/Quqligen/Fisher Chem	per unit
122	Sodium carbonate	Merck/Quqligen/Fisher Chem	per unit
123	Sodium chloride	Merck/Quqligen/Fisher Chem	per unit
124	Sodium hydroxide	Merck/Quqligen/Fisher Chem	per unit
125	Sodium nitrate	Merck/Quqligen/Fisher Chem	per unit
126	Sodium nitrite	Merck/Quqligen/Fisher Chem	per unit
127	Sodium oxalate	Merck/Quqligen/Fisher Chem	per unit
128	Sodium potassium tartrate	Merck/Quqligen/Fisher Chem	per unit
129	Sodium sulphate	Merck/Quqligen/Fisher Chem	per unit
130	Sodium sulphide	Merck/Quqligen/Fisher Chem	per unit
131	Sodium sulphite	Merck/Quqligen/Fisher Chem	per unit
132	Sodium thiosulphate	Merck/Quqligen/Fisher Chem	per unit
133	Stannous chloride	Merck/Quqligen/Fisher Chem	per unit
134	Strontium carbonate	Merck/Quqligen/Fisher Chem	per unit
135	Strontium nitrate	Merck/Quqligen/Fisher Chem	per unit
136	Sulphuric acid	Merck/Quqligen/Fisher Chem	per unit
137	Tetrahydro furan	Merck/Quqligen/Fisher Chem	per unit
138	Thionyl chloride	Merck/Quqligen/Fisher Chem	per unit
139	p-Toluene sulphonic acid	Merck/Quqligen/Fisher Chem	per unit
140	Toluene	Merck/Quqligen/Fisher Chem	per unit
141	Tributyl borate		per unit
142	Tri-sodium citrate dihydrate		per unit
143	Urea	Merck/Quqligen/Fisher Chem	per unit
144	Vanillin		per unit



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145	Xylenol orange indicator		per unit
146	Yellow ammonium sulphide		per unit
147	Zinc carbonate	Merck/Quqligen/Fisher Chem	per unit
148	Zinc Dust	Merck/Quqligen/Fisher Chem	per unit
149	Zinc sulphide	Merck/Quqligen/Fisher Chem	per unit
150	Zirconium nitrate	Merck/Quqligen/Fisher Chem	per unit
151	Potassium hydroxide	Merck/Quqligen/Fisher Chem	per unit
152	Formaldehyde/ Formalin	Merck/Quqligen/Fisher Chem	per unit
153	Sodium oxalate	Merck/Quqligen/Fisher Chem	Per unit
154	Aniline	Merck/Quqligen/Fisher Chem	per unit
155	2,4 dinitrophenyl hydrazine	Merck/Quqligen/Fisher Chem	per unit
156	1,10 phenanthroline	Merck/Quqligen/Fisher Chem	per unit

DEPARTMENT OF CHEMISTRY: HANDIQUE GIRLS' COLLEGE

LIST OF APPARATUS for inviting quotation:2023-24

SI No	Apparatus	Specifications	Quantity (per unit)
1	Beaker (1000cc)		1 pc
2	Beaker (250cc)		1 pc
3	Beaker (100 cc)		1 pc
	Beaker (500cc)		1 pc
4	Beaker (50cc)		1 pc
5	Buchner funnel with flask		1 pc
6	Burette-50ml (Glass)	Neutral glass	1pc
7	Burette-50ml (Plastic)		1pc
8	Capillary tube	fine	1 pkt
9	Chromatographic paper		1 sheet
10	Condenser (Liebig &Allihn)	300 mm	1 pc
11	Cork- rubber	12 mm	1 Doz
12	Cork- rubber	8mm	1 doz
13	Cork- Wooden	8 mm	1 Doz
14	Cork-wooden	4 mm	1 doz
15	Cork borer		1 set
16	Filter paper (Circle, no. 1)	Viva	1 pkt
17	Filter paper (sheet, general good quality)	Viva/ Day and Stain	500 sheets
18	Whatman Filter Paper No. 40		1 pkt
19	Whatman Filter Paper No. 42		1 pkt



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20	Fusion/ignition tube (small size)		Date:
21	Funnel, general grade	3"	1pc
22	Hard glass test tube, 50cc/ 6"	, Borosil	1pc
23	Glass Cutting file		1 nos
24	Glass Dropper (8 ")		1 no.
25	Glass rod	5 mm, 8mm	1 kg
26	Glass Electrode	For pH meter	1no.
27	Glass Thermometer (0°C-250°C)		1 pc
28	Glass Thermometer (0-360°C)		1 pc
29	Glass Thermometer (110°C)		1 pc
30	Glass tube	5 mm, 8mm	1 kg
31	Magnet for Magnetic stirrer (medium)		1 no
32	Magnet for Magnetic stirrer (small)		1 no
33	Measuring cylinder (10 mL)		1 pc
34	Measuring cylinder (25 mL)		1 pc
35	Measuring cylinder (50 mL)		1 pc
36	Measuring cylinder (250 mL)		1 pc
37	Micropipette tip (2-200µL)		1000pc
38	Petri dish		1 doz
39	Pipette-10ml	Borosil	1 pc
40	Pipette-25ml	Borosil	1 pc
41	Pipette-5ml	Borosil	1doz
42	Porcelain basin 3"		1 doz
43	Round Bottom Flask	50 ml, B 24	1 pc
44	Rubber tube (10mm)		1 coil
45	Rubber tube (8mm)		1 coil
46	Rubber tube (6mm)		1 coil
47	Separating funnel, 125 mL		1 no.
48	Separating funnel, 250 mL		1 no.
SINo.	Apparatus	Specifications	Quantity
49	Silica crucible (15, 25 mL)		1no.
50	Spatula (steel, small size)		1 no.
51	Spatula (steel, medium)		1 doz
52	Stalagmometer (standard)	Borosil	1 no.
53	Suction tube glass		1 pc
54	Test tube (ordinary)		1 gross
55	Test tube brush		1 doz



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56	Test tube holder		1 doz
57	Tongs, 6"		1 doz
58	Viscometer (standard)	Borosil	1 no.
59	Volumetric flask (100 mL)		1 pc
60	Volumetric flask (250 mL)		1 pc
61	Volumetric flask (500 mL)		1 pc
62	Watch glass		1 doz
63	Weighing bottle		1 pc
64	Wire gauge		1 doz
65	Water De ioniser set for laboratory		1 set
66	Calorie Meter		1 set
67	Burette/ round bottom flask clamp		1 no.
68	Chromatographic Glass Plate	big & small	1pkt
69	Water bath	Copper	1pc
70	Conical flask		100 ml
71	Conical flask		250 ml
72	Iodine flask		250 ml
73	Petri dish		Per pc
74	Weighing bottle		Per pc
75	Ice maker for laboratory	Stainless steel automatic with inverter	
76		technology, bullet ice cube in ~10 min	


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