

Sealed quotation is invited from the experience and reliable vendor for the materials as stated below :

“Quotation for laboratory items for the Department of Chemistry”



List of required materials which are as follows :

Sl No.	Name of the chemical/ glass apparatus
1	Acetone
2	Acetone
3	Air condenser
4	Alpha-naphthol
5	Amberlyte IR- 120 (100 -200 mesh) (Cation exchanger resin)
6	Ammonium acetate
7	Ammonium chloride
8	Anion exchanger/ Duolite a113 (Strong basic anion exchanger)
9	Benzaldehyde
10	Benzophenone
11	Benzoyl chloride
12	Boiling point apparatus for laboratory
13	Buchner funnel
14	Carbon tetrachloride
15	Chloroform
16	Cobalt sulphate
17	Conical flask (100 ml)
18	Copper sulphate pentahydrate
19	Dessicator
20	Dolomite
21	Dowex-50 (100 -200 mesh) / Dowex 50 WX-8 (strong acidic exchanger)
22	Ethanol
23	Ethyl acetoacetate
24	Formaldehyde
25	Fructose
26	Glass column Borosil (109 inches×2-3 cm diameter)
27	Glass jar with a lid (as Chromatography chamber – 18 cm × 6 cm)
28	Glass jar with a lid (as Chromatography chamber – 25 cm × 25 cm)
29	Glass plate for TLC (12 cm × 4 cm)
30	Glass plate for TLC (4 cm × 2 cm)
31	Gooch crucible with filtering set for gravimetric analysis
32	H2SO4 (LR)

33	Hard Glass test tube (1.0 inch diameter * 6-7 inch length) with rubber cork
34	Hard glass test tube (13 ×100 mm) with teflon coated rubber stopper
35	HCl
36	HCl (LR)
37	Hexa fluoro phosphoric acid
38	HNO3 (LR)
39	Hot plate
40	Hydrogen peroxide
41	Iodine (Resublimated)
42	Litmus paper (red and blue)
43	Luzchen photo reactor (Source of sunlight)
44	Magnetic stirrer plate with magnetic bar (Teflon coated) with temperature controller
45	m-dinitro benzene
46	Methanol
47	Methyl orange
48	Methylene chloride (dichloro methane)
49	Methyl-m-nitro benzoate
50	Monoquartz distillation unit
51	n- butyl alcohol
52	NH3
53	Nickel ammonium sulphate
54	Ortho phosphoric acid
55	p- nitro acetanilide
56	PCl ₅
57	Petroleum ether
58	pH strip (Merck)
59	pH tablet 4, 7
60	Phosphorus pentoxide
61	Platinum electrode
62	p-nitro toluene
63	Potassium bromate
64	Potassium carbonate
65	Potassium iodate
66	Potassium iodide
67	Potassium persulphate

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68	Propan-2-ol
69	Propanol
70	Resorcinol
71	Rochelle salt
72	Round bottom flask (100 mL, 250 mL) with condenser
73	Round bottom flask (Flat bottom, 100 mL, 250 mL)
74	Rubber tube
75	Rubenic acid
76	Silica gel- G (200 Mesh)
77	Silver electrode
78	Silver nitrate
79	Sodium bicarbonate
80	Sodium carbonate
81	Sodium dichromate
82	Sodium Lauryl sulphate

83	Sodium sulphide
84	Sprayer set
85	Steel
86	Suction pump
87	Sudan Red
88	Sudan Yellow
89	Sulfur powder
90	Test tube
91	Thiamine chloride
92	Three necked round bottom flask
93	Toluene
94	Urea
95	Vacuum dessicator
96	Water bath
97	Whatman No. 1 for paper chromatography
98	Wire gauge

Last date for submission of sealed quotation : 18.04.2022 (2:00 P.m.)

Items to be covered for documentation:

- 1) Photocopy of credential of the vendor.
- 2) Photocopy of registration of the vendor.
- 3) Photocopy of trade license.
- 4) The total price should include all taxes (G.S.T. rate)
- 5) Photocopy of Aadhar card.
- 6) Photocopy of PAN card.
- 7) The price must confirm to the specification.
- 8) Quotations must carry experience certificates as applicable.

Seima Banerjee
07/04/2022
Principal

Hooghly Women's College
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