

Department of Chemical & Bio-Chemical Engineering

Ref. No.: RGIPT/JAIS/CBE/IPC-Lab/Consumables/2025-26/01 Dated: 02.07.2025

Subject: Quotation enquiry for the requirement of Chemicals and Consumables for the Industrial Pollution Control Lab (UG Lab), Department of Chemical & Bio-Chemical Engineering, RGIPT, Jais, Amethi.

Dear Sir/Madam,

This is hereby to inform you that the following chemicals and consumables are required for the Mass Transfer operation Lab (The list of items given below):-

S.No	Reagents/Consumables Name (LR Grade)	Quantity required	Brand/Material Grade
1.	Phenolphthalein Indicator	500 ml	CDH
2.	Methyl Orange Indicator	50 g	CDH
3.	Potassium Hydroxide	500g	CDH
4.	Sulphuric Acid	2.5 L	CDH
5.	Erichrome Black T	25 g	CDH
6.	Magnous Sulphate	1 kg	CDH
7.	Potassium Iodide (KI)	100g	CDH
8.	Starch Powder (Soluble)	500 g	CDH
9.	Sodium thiosulphate ($\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$)	2 kg	CDH
10.	Potassium di Chromate ($\text{K}_2\text{Cr}_2\text{O}_7$)	500 g	CDH
11.	Ferrous Ammonium Sulphate ($\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$)	500 g	CDH
12.	Ethylene Diamine Tetra Acetic Acid Di Sodium Salt (EDTA)	500 g	CDH
13.	Alum	1.5 kg	CDH
14.	Ammonia solution	1 liter	CDH
15.	Ferrous Sulphate	500g	CDH
16.	Potassium Chloride	500 g	CDH
17.	Sulphamic acid	100 g	CDH
18.	Formaldehyde	500 ml	CDH
19.	Specially purified pararosaniline	50 g	CDH
20.	Sodium Arsenite	25 g	CDH
21.	Sulphanilamide(M.P. 165-167°C)	100 g	CDH
22.	N-(1-Naphthyl)ethylenediamine Dihydrochloride (NEDA)	10 g	CDH
23.	Hydrogen Peroxide - 30%	500 ml	CDH

24.	Ortho Phosphoric Acid - 85%	500 ml	CDH
25.	Sodium nitrite	500 g	CDH
26.	1, 10-phenanthroline Monohydrate	5 g	CDH
27.	Vacuum Grease	25 g	CDH
28.	Bromocresol green	5 g	CDH
29.	Iodine	25 g	CDH
30.	Potassium Iodate KIO ₃	100 g	CDH
31.	Potassium Sulphate	500 g	CDH
32.	Silver Sulphate	10 g	CDH
33.	Sodium Azide	100g	CDH
34.	Methylene Blue	25 g	CDH
35.	KOH (Potassium Hydroxide)	2 Kg	CDH
36.	Iso- Propanol	2.5 Litres	CDH
37.	Staining Solution	500 ml	CDH
38.	BOD Calibration Standard Solution (500 mg/L)	500 ml	CDH/Sigma Aldrich
39.	Pasteur Pipette, 3 ml, (1000 piece per Pack)	1 Pack	Tarson
40.	Surgical Gloves (Large Size; 50 pair/pack)	20 Pack	Good quality
	Glasswares		
41.	Burette (100 ml)	8 Nos	Borosil
42.	Conical Flask (250 ml)	25 Nos	Borosil
43.	Measuring cylinder (10 ml)	12 Nos	Borosil
44.	Measuring cylinder (5 ml)	6 Nos	Borosil
45.	Measuring cylinder (25 ml)	3 Nos	Borosil
46.	Beaker (100 ml)	25 Nos	Borosil
47.	Volumetric Flask (1 Litre)	5 Nos	Borosil
48.	Volumetric Flask (500 ml)	6 Nos	Borosil
49.	Volumetric Flask (250 ml)	12 Nos	Borosil
50.	Volumetric Flask (100 ml)	12 Nos	Borosil
51.	Funnel (50 mm)	5 Nos	Borosil
52.	Funnel (100 mm)	5 Nos	Borosil
53.	Evaporating Dish (70 mm; temp 1000°C)	6 Nos.	Borosil
54.	Crucible (50 mm)	3 Nos	Borosil
55.	Desicator (150 mm)	1 Nos	Borosil

Please provide only hard copy of quotation on the letterhead of the company in a sealed envelope and mentioned the firm name, address, GST number and quote the price including GST, packing and freight charges etc. as applicable for the same in the quotation. There should be no cutting or overwriting in the quotation. The envelope of

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the quotation should be super-scribed as "Quotation of chemicals and consumables with quotation enquiry ref. no." It should be reached on or before **July 11, 2025 (Friday)** to the following address:-

Dr. Milan Kumar
Chairman, Purchase Committee,
Department of Chemical and Bio-Chemical Engineering
Rajiv Gandhi Institute of Petroleum Technology
Mubarakpur, Mukhetiya More
Bahadurpur, Post-Harbanshganj,
Jais, Amethi-229304 (U.P.)-India

Sincerely Yours,

Milan Kumar
02/07/25

Dr. Milan Kumar