

कटिहार अभियंत्रण महाविद्यालय,

कटिहार-854109

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KATI HAR ENGINEERING COLLEGE

KATI HAR-854109

Website:-www.keck.ac.in

Ref. No.....116

Date.....01/02/25

URGENT NOTICE
INVITATION FOR QUOTATION

Sealed quotations are invited from the reputed firms/authorized distributors/vendors for the supply of Chemicals and Glasswares (separately) for the Chemistry Department at Katiyar Engineering College, Katihar. The item wise detailed list is enclosed as Annexure-1 (Chemicals) and Annexure-2 (Glasswares). Quotations should be submitted by 08 February 2025 in a sealed envelope scribed with "**Quotation for Chemicals/Glasswares**" addressed to the Principal, Katiyar Engineering College, Katihar, Hirdayganj, Hajipur, Katihar- 854 109, Bihar. The interested party should quote their GST registration number and all the rates should be inclusive of GST and delivery charges.

Ranjana
01/02/25
Principal
KEC, Katihar

LIST OF CHEMICALS REQUIRED

S. No.	Name of Item	Quantity	Specifications
1	1-Butanol	500 mL × 4	<p>All the Chemicals and Solvents should be 95+ % pure, unless otherwise stated.</p> <p>Liquids and hygroscopic solids must be well packed in air tight containers.</p>
2	Glycerol (Glycerine)	500 mL × 4	
3	Ethylene glycol	500 mL × 4	
4	Methanol	500 mL × 10	
5	Ethanol	500 mL × 10	
6	Hydrochloric Acid (Conc.)	2.5 L × 3	
7	Ammonia Water (30% NH ₃)	500 mL × 5	
8	Benzene	500 mL × 10	
9	Chloroform	500 mL × 5	
10	n-Hexane	500 mL × 2	
11	Ethyl Acetate	500 mL × 5	
12	Glacial Acetic Acid	500 mL × 10	
13	Sulphuric Acid (Conc. LR)	2.5 L × 4	
14	Acetone	500 mL × 5	
15	Acetyl Chloride	500 mL × 2	
16	Aniline	500 mL × 2	
17	Phenolphthalein	100 g × 2	
18	Eriochrome-Black T Powder	25 g × 4	
19	Methyl Orange	25 g × 2	
20	Iodine	100 g	
21	Oxalic Acid	500g × 5	
22	1- naphthol	100 g × 5	
23	2-Naphthol	500 g	
24	p-nitrophenol	250 g	
25	p-Nitroaniline	100 g	
26	Naphthalene	500 g	
27	Picric Acid	100 g × 2	
28	Resorcinol	250 g × 2	
29	Catechol	250 g × 2	

Rajane

Annexure-1

30	Sodium Nitrite	500 g × 2
31	D-Glucose Anhydrous (Dextrose)	500 g × 2
32	Phthalic Anhydride	500 g × 2
33	Benzoic Acid	500 g × 5
34	Salicylic Acid	500 g × 2
35	Ammonium Chloride	500 g × 2
36	Sodium Hydroxide Pellets	500 g × 8
37	Disodium EDTA	100 g × 20
38	Sodium Bicarbonate	500 g × 2
39	Calcium Carbonate	500 g × 8
40	Charcoal	500 g × 5
41	Potassium Permanganate	500g × 2
42	Potassium Dichromate	500 g × 5
43	Silica Gel G for Thin Layer Chromatography	500 g × 5
44	Silicone Grease	50 g × 5
45	Paraffin liquid (d=0.88) for oil bath	500 mL × 5

Rajeev

LIST OF GLASSWARES REQUIRED

S.No.	Name of Item	Quantity	Specifications (if any)
1	Round Bottom Flask (short neck) 24/29, 100 mL	5	
2	Round Bottom Flask (short neck) 24/29, 250 mL	5	
3	Round Bottom Flask (short neck) 24/29, 500 mL	5	
4	Flask Flat Bottom, 24/29, 250 mL	5	
5	Flask Flat Bottom, 24/29, 500 mL	5	
6	Flask Stand for Round Bottom Flask	5	medium size
7	Liebig Reflux Condenser, 300 mm, 24/29	5	
8	Stalganometer Straight graduated	50	B.G.
9	Ostwald Viscometer	50	B.G.
10	Screw pinch cock for Stalganometer	30	Pinch clip (Iron), Mohr type
11	Stand base and rod (Retort Stand)	20	metallic (clamp and base), 7"×5"×24"
12	Burette Clamps	20	Metallic
13	Burette (50 mL)	50	with Rota Flow Stopcock, B.G.
14	Pipette (10 mL)	50	Graduated, B.G.
15	Capillary (0.30 mm OD)	5	for TLC (both end open)
16	Measuring Flask with glass stopper (100 mL)	30	Volumetric, B.G.
17	Erlenmeyer Flask (250 mL) with socket B-24	50	B-24/29 joint
18	Glass Stopper B-24 (Hollow, Hexagonal)	60	
19	3 Finger Clamps (8 mm Dia, 175 mm long)	10	for holding RB flasks and condenser
20	Boss Head with C.P. screws	10	to hold clamps (3 finger)
21	Test-Tubes (15 mL)	200	PKT of 100 × 2
22	Test-Tube Stand (plastic)	30	
23	Test-Tube Holder	30	

Ranjana

Annexure-2

24	Wash Bottle, 500 mL, LDPE	30	
25	Funnel (100 mm)	5	B.G.
26	Funnel (50 mm)	10	B.G.
27	Plastic Funnel (65 mm)	50	
28	Plastic Funnel (125 mm)	10	
29	Plastic Beakers (500 mL)	10	Euro Design
30	Plastic Beakers (1000 mL)	10	Euro Design
31	Beakers (100 mL)	50	Graduated, B.G.
32	Beakers (1000 mL)	5	Graduated, B.G.
33	Conical flask (100 mL)	60	B.G.
34	Spatula big (12 inches)	5	S.S. (spoon type)
35	Spatula (6 inches)	10	S.S. (spoon type)
36	TLC Plate (Plain slide)	5 pkt	75×25 mm, thickness 1.35 mm
37	Forceps	5	S.S., 6" pointed
38	Filter Paper Circle	10	Whatman
39	Rough filter paper	1 bundle	400 sheets
40	magnetic bid (stirring bar) 35×8 mm	2	
41	magnetic bid (stirring bar) 25×8 mm	5	
42	magnetic bid (stirring bar) 15×8 mm	2	
43	thermometer	5	temp range: -10° to 300° C
44	Aspiratory Bottle (Solution container, glass) (5 L)	4	S.G. 5 Liter
45	Dropper (glass) 15 cm with rubber teat	60	latex teat
46	Rubber tubing coil (6 mm)	10 meters	Extra soft, for Stalganometer
47	Rubber tubing coil (8 mm)	20 meters	Extra soft, for viscometer
48	Nitrile Gloves	2 pkt	Medium size, average quality
49	Test Tube Brush (6 inches)	15	Nylon Bristles
50	Tong for holding Beaker (12 inches)	10	S.S. with rubber covering

B.G = Borosilicate Glass; S.S. = Stainless Steel; S.G. = Soda Glass

Ramya