



**GOVT. OF ASSAM :: OFFICE OF THE PRINCIPAL**  
**JORHAT INSTITUTE OF SCIENCE AND TECHNOLOGY (JIST, ESTD. 2009)**  
**(FORMERLY SCIENCE COLLEGE, JORHAT, (SCJ, ESTD. 1971))**  
**SOTAL, CHENIJAN PO, JORHAT-785010, ASSAM**  
**Email: principaljist@jist.ac.in**  
**Mobile/WhatsApp No.: 9854104118**



No. JIST/Quotation/Chem.(G/L)/2025-26/ 6221

Date: 13/08/2025

**Invitation of quotation for Glassware and Laboratory Items**

Sealed Quotations are hereby invited by the undersigned for Supply of Glassware and Laboratory Items of Jorhat institute of Science and Technology, Jorhat as per Annexure-I. The filled quotations along with all the required document must reach in the office of the undersigned on or before 12 noon 25<sup>th</sup> August 2025. The Envelope containing the quotation may be sealed and superscribed as under.

**Terms and conditions**

- 1) The quotations received after this deadline or in unsealed condition shall not be entertained under any circumstances. This Institute will not be responsible for any postal delay. The offer submitted by Fax/Email shall not be considered, and no correspondence will be entertained on this matter.
- 2) Quotations must be on the letter head of the contractor/firm duly signed by the contractor/Proprietor/Partner/Director or their authorized representative. In case of signing of quotation by the authorized representative, the letter of authorization must be attached with the quotation.
- 3) Rates must be quoted in Indian rupees (taxes extra, if any, must be written separately)
- 4) No overwriting or striking off is permitted on the rate. If found, the quotation shall be summarily rejected.
- 5) The rates quoted must be valid for a minimum of 60 days from the date of opening of the quotation and silence of any tender on this issue shall be treated as agreed upon with this condition.
- 6) Becoming L1 will not be the sole criteria for awarding of contract order unless the rates are reasonable & justified.
- 7) The Institute reserves the right to change the quantity of items mentioned in the quotation as per its requirement and budget provision.
- 8) The contractor/firm/agency may satisfy the following conditions and attach self-attested copy of supporting documents with the quotation:
  - a) Firm shall be registered with the Government of Assam / Central Government.
  - b) The firm shall have valid GST/Other taxes and IT PAN.
  - c) The firm should not be blacklisted by any Govt. Agency/Dept. The firm should submit a self declaration to this effect.
- 9) Delivery period -- within 15 days from issue of supply order.
- 10) Payment Terms: Payment will be only after satisfactorily delivery / commissioning of material.
- 11) Bidder must quote the product as per specification provided in annexure-I.

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# Annexure -I

## Laboratory items to be procured

Sr. No.	Item name	specifications	Quantity
1	Glass plates for thin layer chromatography	4cm x 2cm	30
2	Glass plates for thin layer chromatography ( for preparative TLC)	9 cm x 5.5 cm	30
3	Separating funnel with stopper	made of borosilicate Glass, Pear shape, with PTFE stopcock, PE stopper, compliance with ISO standards, 250 ml, 29/32	20
4	Column with PTFE stopcock and fritted disc	made of borosilicate glass, size (40 x 457) mm, bore 2mm	6
5	Column with PTFE stopcock and fritted disc	Made of borosilicate glass, 13 mm OD and 203 mm effective length, bore 2mm	6
6	silicone oil bath glass	Made of borosilicate glass , 150x75 mm	5
7	Silicone oil bath	Made of borosilicate glass ,100x 50 mm,	5
8	Round bottom flask with single neck	Made of borosilicate glass, 100 ml, socket size 24/29,	10
9	Round bottom flask with double neck	Made of borosilicate glass ,250 ml, socket size 24/29, side socket 14/23	5
10	Round Bottom flask with single neck	Made of borosilicate glass, 250 ml, socket size 24/29	25
11	Round Bottom flask with single neck	Made of borosilicate glass , 500 ml, socket size 24/29	5
12	Measuring cylinder	Borosilicate glass ,100 ml capacity	5
13	Measuring cylinder	Borosilicate glass, 50 ml capacity	5
14	Measuring cylinder	Borosilicate glass, 10 ml capacity	10
15	Watch glass	Borosilicate glass , 75 mm	10
16	Laboratory Petri dish	Borosilicate glass, transparent , size (100 x 17) mm	10 pieces
17	Air Condenser	Made of borosilicate glass, 500 mm effective length, 24/29 socket size, 24/29 cone size	15
18	Wash Bottle	Capacity: 500 ml., 250 ml (30 each), Material: Low Density Polyethylene Color: Natural White, Translucent, The cap is fit ted with a flexible polyethylene delivery tube which can be aimed wherever required	50
19	Burette stand with clamp		20
20	Condenser clamp with stand	4 prong, aluminium , powder coated, MS rod chrome plated , holds upto 125 mm circle, stand made of mild steel.	20
21	Ring retort	Material mild steel, chrome plated, Available with rod or bosshead, Bosshead to steel rod dia 14mm 70 mm length rod/bosshead, 8 mm dia, ring bosshead	20
22	Funnel holder with stand	Holder made of polypropylene, corrosion free, holds funnel with dia 3 inch to 6 inch, Extra plate provided can be placed to hold funnels bearing dia 1 inch to 3 inch, stand made of mild steel	20
23	Boss head	To use with retort stand and condenser clamp, made of cast iron, holds upto 25 mm	20

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Sr. No.	Item name	Specifications	Quantity
24	pH testing paper strips	In the pH range of 1-14	5 packets
25	Filter paper	Ordinary filter paper	50 packets
26	Whatman filter paper	Filter paper grade 42	15 packets
27	Whatman filter paper	Filter paper grade 41	10 packets
28	Litmus paper (both blue and red)		10 packets (red) 10 packets (blue)
29	blotting paper		3 rolls
30	Gooch crucible	Made of borosilicate glass with an acid resistant sintered glass disc for filtration, 30 ml capacity, G-3 and G-4 grade	30 pieces G-3 grade and 30 pieces G-4 grade
31	Clamp for burette stand		20
32	evaporating dish	made of porcelain, temperature range upto 1000 °C, 80 ml capacity	30
33	Glass Dropper with powerful rubber sucker	made of borosilicate glass with powerful rubber bulb, 7/8 inch in length.	30
34	Glass Dropper with powerful rubber sucker	made of borosilicate glass with powerful rubber bulb, 10 inch in length	10
35	Glass rod	Made of borosilicate glass, 12 inch	30
36	Glass tube	12 inch	30
37	Burette	50 ml capacity, Borosilicate glass	30
38	beaker	Made of Borosilicate glass with capacities 250 ml, 500ml, 1000 ml	30 (100ml) 50 (250 ml) 10 (1000 ml)
39	Conical flask	Made of borosilicate glass with capacities 250 ml, 100ml, 500 ml	20 (100 ml) 30 (250 ml) 10 (500 ml)
40	Volumetric flask with lid	Made of borosilicate glass with capacity 250 ml	20 (250 ml)
41	Volumetric flask with lid	Made of borosilicate glass with capacities 10 ml, 100ml, 25 ml	5 (10 ml) 5 (25 ml) 5 (100 ml)
42	Silica crucible with lid	25 ml capacity, 47 mm dia, 28 mm height, for very high temperature heating upto 1000 °C.	30
43	Pyknometer with Teflon stopper	Borosilicate glass, 10 ml	6
44	Beaker Tong	Made of stainless steel, Silicon sleeved for temp upto 280 °C • Fibre glass yarn to resist direct flame • To hold beakers upto 2 Litres	25
45	Beaker brush	Brush with wirewound polyester bristles	20

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Sr. No.	Item name	Specifications	Quantity
46	Weighing bottle	Borosilicate glass, chemically resistant, 20 ml capacity	5
47	Burette fisher clamp double side/single side	Made from Polypropylene, Two tapered wedges are provided to ensure firm grip on rods having dia 1/2" or 3/8", The spring loaded jack in the middle provides a vice like grip to the Buret te and prevents it from slipping	20 (double side) 20 (single side)
48	Crucible, Tong	Made of Stainless Steel , 300 mm size	25
49	Wire gauge		30
50	Micropipette for laboratory research	Plastic material, variable volume ,Capacity 100-1000 $\mu$ L	01
51	Micropipette for laboratory research	Plastic material, variable volume ,Capacity 10-100 $\mu$ L	01
52	Retort ring with bosshead	Material Mild Steel, black painted • Available with boss head	20
53	Spatula	Material Stainless Steel, one end spoon and one end flat,	20
54	Spatula, Double	Material Stainless steel, • One end Chattaway & one end flat	20
55	Spatula, Micro	Material Stainless steel, Grade 202 • One end spoon and one side spatula	15
56	Forceps	Material Staineless Steel • Straight fine points	15
57	Volumetric Pipettes	Borosilicate glass with capacities 20 ml, 25 ml, 10 ml ,5 ml	15 (20 ml) 15 (25 ml) 20 (10 ml) 20 (5 ml)
58	Test Tube	Borosilicate glass	100 pieces
59	Test tube brush		25
60	Test Tube Stand	Material: Polypropylene, 6 places for test tubes and 6 vertical pins for drying	30
61	Clamp, Condenser	4 prong, Material Aluminium, Powder Coated • Hold upto 125 mm circle • MS Rod chrome plated	25
62	Clamp, retort		25
63	Sample vials	Glass (3.5 ml each)	100 pieces
64	capillary	glass	2 packet
65	Chromatography paper		10 pieces
66	Chromatography sprayer	Borosilicate glass material with rubber head	3
67	Viscometer	Borosilicate glass	15
68	stalagmometer	Borosilicate glass	15

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