



राजीव गांधी पेट्रोलियम प्रौद्योगिकी संस्थान

(संसद के अधिनियम के अधीन स्थापित राष्ट्रीय महत्व का एक संस्थान)

जायस, अमेठी, उत्तर प्रदेश, भारत-229304

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

(An Institution of National Importance Established under an Act of Parliament)

Jais, Amethi - 229304, Uttar Pradesh, India

QUOTATION ENQUIRY

Ref. No. RGIPT/JAIS/CBE/Melt Flow Index Tester/2025-26/01

Date 16.02.2026

Last Date and time for the quote: 26.02.2026 till 18:00 hours in the Office of the Department of Chemical Engineering and Biochemical Engineering, 5th Floor, AB-2, RGIPT, Jais, UP-229304.

Dear Sir(s),

Please submit your lowest quotation for supplying the under mentioned item. Quotation in duplicate must reach us before the date marked above and should contain the following information:

1. Clearly mention the date of validity of offer.
2. Kindly clearly mention your E-mail ID and Mobile number.
3. Kindly mention appropriate GST % as applicable for supplying of Goods & Services to educational institution.
4. Please mention your GST registration number and PAN in the quotation.
5. Conditions of supply and terms of payment shall be clearly mentioned in the quotation.
6. There should be no cutting/overwriting in the quotations

Quotation must be sent in **sealed envelope** with word "**QUOTATION for Melt Flow Index Tester**" and addressed to Office of the Department of Chemical Engineering and Biochemical Engineering, 5th Floor, AB-2, RGIPT, Jais-229304 (UP). Our reference number and last date as given above should be clearly marked over it.

Details of the item are as follows:

Item Name: Melt Flow Index Tester.

Quantity: 01 Nos.

Technical Specifications

Microprocessor based PID controller

Automatic sample cutting

Digital Preset Timer for accuracy and repeatability

Die Steel barrel for uniform and consistent heating of barrel/test cylinder.

Related Standards: ASTM D 1238-1992, IS 2267-1972, IS 2530-1963, IS 10810-1984.

Melt flow Index of thermoplastic material is expressed in terms of grams per 10 min of extrudate of molten resins that flows through the heated cylindrical barrel. The equipment is built on a rigid metallic base plate and finished in autumn grey & blue combination paint and bright chrome/zinc plating to give it a corrosion resistant finish. The instrument comes complete with Instruction Manual, Electrical Wiring Diagram and Calibration Certificate traceable to NABL approved labs.

Accessories: Orifice, Piston, Spool, Plumb Line, Funnel, Material Charger, Mirror, Orifice Cleaner, Barrel Cleaner, Sample cutter and accessory stand.

Optional Accessories: Weighing Balance

Sr. No.	Specification	
1	Temperature Range	Ambient to 400°C
2	Accuracy	± 1°C
4	Timer	Digital Preset up to 999 seconds(Changeable to Hrs:min:sec)

5	Power	220V AC, 15 Amp. Single phase, 50 Hz
6	Sample Cutting	Automatic Motorized
7	Inner Diameter of heating barrel(cylinder)	9.550mm ± 0.007mm
8	Inner Diameter of Die	2.095mm ± 0.005mm
9	Diameter of piston head	9.474mm ± 0.007
10	Material of Heating Barrel(Cylinder)	Die Steel
11	No. of Dead Weights	4 (1.2kg, 2.16kg, 3.8kg, 5kg)

Terms and conditions:

- Payment Terms :** 100% payment will be released after the successful supply and installation of the items and checked by the Indenter at site i.e. Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi – 229304 and subject to submission of your original GST bill/invoice as certified by the Chairman, Department, Purchase Committee.
- Delivery Time:** (I) Delivery shall be completed within maximum 3-4 week from the date of issue of Purchase Order.
(II) The supervision of Erection & commission shall not take more than 30 days after completion of supply.
- Penalty Clause:** In case of any delay in supply and installation of above-mentioned items within the period stipulated above, liquidated damages at the rate of 1% of the order value per week or part thereof, subject to maximum of 5% of the order value shall be recovered from the party.
- Order awarded:** The order will be awarded to vendor whose rate is the lowest.
- Kindly mention appropriate GST % as applicable for supplying of Goods & Services to educational institution.
- Kindly clearly mentioned the amount of forwarding & packing, Installation, transit insurance and freight charges etc.
- Acceptance of terms & conditions:** The bidder must submit a quotation and acceptance of above terms and conditions on its letter head.
- Reserve the rights:** The Institute reserve the right to accept/reject all or any part of the offer without assigning any reason thereof.
- Other terms & conditions:** All other terms and conditions as per the RGIPT Quotation Enquiry No. RGIPT/Jais/CBE/Melt Flow Index Tester/2025-26/01, Dated 11.02.2026 and the technical specification for Melt Flow Index Tester

Note: For any query, please contact on this number 7839327626 (Dr. Shweta)

Sincerely your's

S V - Sistla
Dr. V.S. Sistla 16/02/2026
Head & Chairman Departmental Purchase Committee
Department of Chemical & Biochemical Engineering
Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi

Dr. V.S. Sistla
Head
Department of Chemical & Biochemical Engineering
Rajiv Gandhi Institute of Petroleum Technology
Jais, Amethi - 229304, U.P. India