



# राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान

(संसद के अलधलनयम 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/Accounts/Budget KGB/07/25-26

**Dated:** 04.07.2025

**Last Date and time for the quote: 21.07.2025 (Monday) till 18:00 hours in the Office of Dr. Koushik Guha Biswas, Associate Professor, Room No 510, Department of Chemical and Biochemical Engineering, 5<sup>th</sup> Floor, AB-2, RGIPT, Jais, UP-229304.**

**Dear Sir/Madam,**

Please submit your lowest quotation for supplying/service the under mentioned items. The 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 mention your E-mail ID and Mobile number.**
3. Kindly mention appropriate GST % as applicable for supplying of 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. Enquiry No. and the last date given above should be clearly marked over the Envelope.

**Quotation must be sent in sealed envelope with word “QUOTATION FOR SUPPLY OF CO<sub>2</sub> SCRUBBER (VERTICAL PACKED BED BUBBLE COLUMN)”** and addressed to Dr. Koushik Guha Biswas, Associate Professor, Room No 510, Department of Chemical and Biochemical Engineering, 5<sup>th</sup> Floor, AB-2, RGIPT, Jais, UP-229304.

Our reference number and last date as given above should be clearly marked over it.

(On Company Letterhead)

I request you to supply the **CO<sub>2</sub> SCRUBBER (VERTICAL PACKED BED BUBBLE COLUMN)** with the following Specifications:

- CO<sub>2</sub> to be removed: 6-7 m<sup>3</sup> per day (11-13 kg per day)
- Reactor Type: Packed Bubble Column (Gas Liquid Contractor)
- Seamless Pipe and Dish End Type- Vertical Column
- Dimension- ID 200mm (20cm) and Length 1500 mm (1.5m) , with 4mm Thickness, Design pressure -2 Bar, Design Temperature 100°C, MOC SS304, having Top and bottom 1 Inch port.
- Liquid Distributor and Inlet Port
- ( SS 9 inch length and 1”dia pipe with 3 number of Liquid spray nozzle having 1 Inch SS pipe inlet nozzle)
- Gas Distributor and Inlet Port
- ( SS 9 inch length and 1”dia pipe with 3 number of Gas spray Nozzle with 1 Inch ss pipe inlet nozzle)

- Treated Gas and Liquid Outlet port
- (1 Inch SS304 Nozzle with SS clamp)
- Column Packing ( PP Raschig Rings 16mm\*22mm, Height 1 meter)
- (Bed Limiter with Mutibeam SS support filled Raschig rings )
- Safety Relief valve : SS Relief Valve Pressure set at 3 Bar )
- Column pressure measurement port
- (SS 4inch Dia Gauge mounted on SS Elbow )
- Gas (biogas) flow rate ~ 1000-1800 L/hr (1 to 1.8 m<sup>3</sup>/hour)
- Liquid scrubbing Soln flowrate~ 40 to 300 L/hr
- Warranty: One year from manufacturing.

**Terms and conditions for supply of above-mentioned items are as under:**

- Work order will be released to the lowest bidder (L1 party)
- 100% payment will be released after successful supply and installation of the scrubber at RGIPT and subject to submission of your original GST bill.
- Deadline: Completion of the supply within 28 days of receiving work order.
- In case of any delay in execution of work order within 21 days, liquidated damages at the rate of 0.50% of the order value per day or part thereof, subject to maximum of 5% of the order value shall be recovered from the party.
- The quotation must include Base Price and GST component separately.
- The bidder must submit a quotation and acceptance of above terms & conditions on its letter head.
- Warranty: One year from the date of supply



Dr. Koushik Guha Biswas  
Associate Professor, CBE Department  
Chairman, Purchase Committee

