राजीव गाँधी 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/R&D/2611/2/2026-27 Dated: 19.10.2026

Last Date and time for the quote: 20.11.2026 till 17:00 hours at the Office of the Department of Energy and Human Science, 3rd Floor, Plaza building , RGIPT, Jais, UP-229304.

Dear Sir/Madam,

Please submit your lowest quotation for supplying the undermentioned item. The quotation must reach us before the date marked above and should contain the following information:

1. Clearly mention the date of validity of the offer.
2. Clearly mention your E-mail ID and Mobile number.
3. Kindly mention appropriate GST % as applicable for the supply of Goods & Services.
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. **a) Please provide the specification quote in envelopes.**
7. **Failing to provide the specification quote in envelopes would lead to disqualification of your bid.**

The cover envelope of the quotation must be sent with clear marking on top of it- **"QUOTATION for "Hydrothermal inert gas vessel",** along with reference number and last date, and addressed to Office of the **Department of Energy and Human Science, 3rd Floor, Plaza building , RGIPT, Jais, UP-229304**.

Details of the item are as follows:

Item Name: **Hydrothermal inert gas vessel**

Quantity: **01 No.**

Technical Specifications – "Hydrothermal inert gas vessel"

	Grade	Standard
Standard Features	Working Temp (°C)[4]	1000
	Hot Zone Size (mm)	ID: 60, L: 450
	Uniform Hot Zone Length[5]	300
	Configuration	Vertical Furnace, Closed From Bottom
	Stand	Furnace with stand
	Control Zone[6]	Single
	Construction in Steel with	Dual Body, Outer SS Mesh
	Anti Corrosion Coating	Fan Cooling for Panel
	Work Tube	Replaceable
	Work Tube Type	Quartz, OD: 50, ID: 46, Length 650
		Tube having cone socket joint for material feed
		For Gas Exhaust Tube has a 30mm pipe connection
	Insulation	Non Carcinogenic
		Fiber insulation
	Heater Type	Free radiating
	Heater	A-1
	Avg. Rate of Heating[7]	10 °C/Min
	Thermocouple Type	K, located between Heater and Quartz Tube
	TC Protection Sheath	Inconel Sheath
	Control Panel	Programmable
		Solid State Relay
	Power Rating	5 kilo Watt
		Single Phase

Horizontal Setup for Hydrothermal inert gas vessel		
	Grade	Standard
Standard Features	Working Temp (°C)[4]	1000
	Hot Zone Size (mm)	ID: 40, L: 200
	Uniform Hot Zone Length[5]	100
	Configuration	Horizontal Furnace
	Stand	Furnace with stand
	Control Zone[6]	Single
	Construction in Steel with	Dual Body, Outer SS Mesh
	Anti Corrosion Coating	Fan Cooling for Panel
	Work Tube	Replaceable
	Work Tube Type	Quartz, OD: 30, ID: 27, Length 500
		Tube has cone socket joint with spring
		On exhaust side it is connected to condensor with glass pipe
	Insulation	Non Carcinogenic
		Fiber insulation
	Heater Type	Free radiating
	Heater	A-1
	Avg. Rate of Heating[7]	10 °C/Min
	Thermocouple Type	K, located between Heater and Quartz Tube
	TC Protection Sheath	Inconel Sheath
	Control Panel	Programmable
		Solid State Relay
	Power Rating	3 kilo Watt
		Single Phase
	Other Accessories	Condensor 300mm long
		Gas outlet connected to condensor as in image
		Round bottom flack connected to condensor
	Skid	Tubes will be supported on Metal Skid

Note:

- All charges (packing, freight, installation, and commissioning) including GST should be mentioned in detail.

Dr Omvir Singh
Principal Investigator,
Department of Energy & Human Science,
RGIPT, Jais-229304