



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/P-2412/2026-2027/22

Dated: 12.08.2026

Subject: Quotation enquiry for the supply and installation of a “Fabrication of an Electrolyzer for the Electrocatalytic Conversion of Sour Water to Sulfur and H₂ with a Capacity of 25 L/h”

Dear Sir/Madam,

Please submit your lowest quotation for supply and installation of the under mentioned item. Quotation must be sent in **sealed envelope** with word “**QUOTATION**” for “Fabrication of an Electrolyzer for the Electrocatalytic Conversion of Sour Water to Sulfur and H₂ with a Capacity of 25 L/h” and addressed to office of the **Department of Energy & Human Sciences, 3rd Floor, Plaza Building, RGIPT, Jais, UP-229304**.

Details of the item are as follows:

Item Name: Fabrication of an Electrolyzer for the Electrocatalytic Conversion of Sour Water to Sulfur and H₂ with a Capacity of 25 L/h

Quantity: **01 No.**

Technical Specifications

Specifications	Bidder's Specification	Compliance/ Deviation
- The electrolyzer should efficiently facilitate the electrolysis of sour water to produce H₂ and polysulfide species. - Capacity of the electrolyzer should be 25 L/hr. - The design should include multiple stands to hold cathodes, and anodes. - The electrode holder should support a 10×10 cm Ni foam electrode with a thickness of 1.5 mm, positioned parallel to each other. - There should be a 3 mm spacing between the anode and separator as well as the cathode and separator. - Power connections to the anodes and cathodes should be detachable, with provisions for parallel input. - D.C power supply- 1V/50 Amp with regulator or appropriate range. - Volumetric hydrogen output and flowrate meter. - Digital hydrogen purity meter, Range : 0-100% Battery powered		

• A gas flow arrangement should be provided on the top side of the electrolyzer. • The entire electrolyzer module must have a leak-proof cover. • The electrolyzer should come complete with a power supply, H₂ purity measurement, flow measurement, and necessary fabrications. Warranty: 1 years		
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Terms and Conditions:

1. The vendor should provide a technical compliance statement on their company letterhead against each of the mentioned technical specifications above.
2. The quoted rate should be inclusive of all charges (packing, freight, installation, and commissioning), including the appropriate GST %.
3. Please mention your GST registration number and PAN in the quotation. Also, clearly mention your E-mail ID and Mobile number.
4. Clearly mention the date of validity of the offer. The quoted rate should be valid for a period of 2 months from the last date of submission of the quotation.
5. **Delivery Location:** Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais-229304, Amethi (U.P.).
6. **Delivery Period:** Within 3-4 months from the date of issue of Purchase Order. Once delivered onsite, the installation, commissioning, and acceptance period will be within two weeks from the date of delivery of equipment.
7. **Payment Terms:** 80% payment will be released against supply of equipment at site i.e. Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, and the balance of 20% after installation of the equipment.
8. **Liquidated damages:** In case of any damages and delay in supply and installation of material, liquidated damages at the rate of 0.5% of the order value per week of delay or part thereof, subject to a maximum of 5% of the order value, shall be recovered from the vendor's bill/invoice.
9. The Institute reserves the right to accept/reject all or any part of the offer without assigning any reason thereof.
10. In case of any disputes, the decision of the Director, RGIPT shall be final and binding to all.
11. The quotation completed in all respects should be sent by post/by hand to to the office of the **Department of Energy and Human Sciences, 3rd Floor, Plaza Building, RGIPT, Jais, UP-229304. Last date and time for the quote: 25.08.2026 till 17:00 hours.**

Dr. Malaya Kumar Sahoo
Asst. Professor
Department of Energy
RGIPT, Jais-229304

Dr. Malaya Kumar Sahoo / डॉ. मलय कुमार साहू
Assistant Professor / सहायक प्रोफेसर
ऊर्जा और मानव विज्ञान विभाग
Department of Energy and Human Sciences
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