

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान
(संसद के अधिनियम के अधीन स्थापित राष्ट्रीय महत्व का एक संस्थान)
Rajiv Gandhi Institute of Petroleum Technology
(An Institution of National Importance established under an Act of Parliament)
Jais, Amethi- 229304, UP, India. Website: www.rgpt.ac.in

QUOTATION ENQUIRY

Ref. No.: RGIPT/JAIS/PEGE/ME-UG/2024-25/02

Dated: 8.11.2024

Last Date and time for the quote: 18.11.2024 till 17:00 hours in the Office of the Department of Department of Petroleum Engineering & Geoengineering, 5th Floor, AB-1, RGIPT, Jais, UP-229304.

Dear Sir/Madam,

Please submit your lowest quotation for supplying the under mentioned item. Quotation 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.
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.

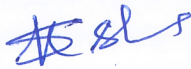
Quotation must be sent in **sealed envelope** with word "QUOTATION for "Theory of Machine-I" and addressed to Office of the Department of Petroleum Engineering & Geoengineering, 5th Floor, AB-1, RGIPT, Jais- 229304 (UP). Our reference number and last date as given above should be clearly marked over it. (Technical Specification attached as annexure-1

List of Equipment's

Sl. No.	Name of Equipment's	Qty.
1	Reciprocating Pump Test Rig (With Three Prefixed Speeds)	1
2	Gear Pump Test Rig (With Variable Speed) with AC Motor and VFD	1
3	Bernoulli's Theorem Apparatus	1

Note:

- All charges (packing, freight, installation, and commissioning) including GST should be mentioned in detail.
- Company must provide a copy of PAN and GST Registration, and Cancelled Cheque.


Prof. Satish Kumar Sinha
Chairman, DPC
Department of Petroleum Engineering & Geoengineering,
RGIPT, Jais

Technical Specification

1. Reciprocating Pump Test Rig (With Three Prefixed Speeds):-

Specifications	
Pump	Double acting, Single Cylinder, Capacity 1 HP (Speed 250 RPM (max.), Head 5 kg/cm ² (max.))
Medium Flow	Clear Water
Drive	1 HP motor, Crompton/Standard make having Step Cone Pulley for Three different prefixed speeds
Sump Tank	Capacity 50 Litres approx.
Measuring Tank	Capacity 25 Litres approx. with Piezometer.
Stop Watch	Electronic
Pressure Gauge	Bourdon type
Control Panel Comprises of : Energy measurement	Electronic Energy meter, L&T make
RPM measurement	Digital RPM Indicator with Proximity sensor
MCB	For overload protection (Standard make On/Off Switch, Mains Indicator, etc.)
Tanks will be made of Stainless Steel 304 grade	
An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. will be provided along with the Apparatus	
The whole set-up is well designed and arranged on a rigid structure painted with industrial PU Paint	



2. Gear Pump Test Rig (With Variable Speed) with AC motor and VFD

Specifications	
Pump	Speed 1500 RPM (max.)
Medium Flow	Oil
Drive	1 HP AC motor
Speed Control	VFD
Sump Tank	Capacity 40 Litres approx.
Measuring Tank	Capacity 25 Litres approx. with Piezometer
Stop Watch	Electronic
Pressure Gauge	Bourdon type
Control Panel Comprises of Energy measurement	Electronic Energy meter, L&T make
RPM measurement	Digital RPM Indicator with Proximity sensor
MCB	For overload protection Standard make On/Off Switch, Mains Indicator, etc.
Tanks will be made of Stainless Steel	
An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. will be provided along with the Apparatus	
The whole set-up is well designed and arranged on a rigid structure painted with industrial PU Paint	

3. Bernoulli's Theorem Apparatus

Specifications	
Test Section	Convergent and Divergent section, Material Acrylic
Piezometer Tubes	Material P.U. Tubes (7 Nos.)
Water Circulation	½ HP Pump, Crompton/Standard make
Flow Measurement	Using Measuring Tank with Piezometer, Capacity 25 Litres.
Sump Tank	Capacity 70 Litres
Inlet Tank	Capacity 20 Litres with fixed overflow arrangement
Stop Watch	Electronic
Control Panel Comprises of Standard make On/Off Switch, Mains Indicator, etc.	
Tanks will be made of Stainless Steel	
An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. will be provided along with the Apparatus	
The whole set-up is well designed and arranged on a rigid structure painted with industrial PU Paint	

Handwritten signature