

Department of Mechanical Engineering

I.K. Gujral Punjab Technical University (Main Campus), Kapurthala

Ref. No.: IKGPTU/ ME/ 3726



आर्.के. गुजराल पंजाब टेक्निकल यूनिवर्सिटी

Dated: 07/04/2021

[BY HAND & POST]

To

Open Quotation
Website Copy
Ptu.ac.in

Subject: Request for quotations to supply Vacuum Impregnation Unit for the Department of Mechanical Engineering, IKGPTU Main Campus Kapurthala.

Dear Sir,

This is in reference to purchase of a Vacuum Impregnation Unit for the Department of Mechanical Engineering, at I.K. Gujral Punjab Technical University, Main Campus, Kapurthala.

1. You are invited to submit your most competitive quotations **along with technical specification compliance sheet (Annexure I)** for the following equipment:

1.	Vacuum Impregnation Unit	Specifications: Attached in annexure- I
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2. **Quotation:**

- Overwriting in quotation should be avoided.
- All duties, transportation charges, packing charges and other levies payable by the supplier shall be included in the unit price.
- Applicable taxes shall be quoted separately for all items.
- Quotation shall remain valid for **90 Days** after the last date of quotation submission.
- Each bidder shall submit only one quotation.
- The prices should be quoted in Indian Rupees only.

3. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive, i.e., which

- are properly signed and
- confirm to the terms and conditions, and specifications. Any quotation other than the specifications mentioned will not be considered.
- The quotations would be evaluated for all items together.

4. **Award of Purchase Order:**

The Purchaser will issue the Purchase Order to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time.
- The bidder whose bid is accepted will be issued Purchase Order by the Purchaser prior to the expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

5. **Payment Terms:** All goods will be delivered to Department of ME at I.K. Gujral Punjab Technical University, Main Campus, Kapurthala. No advance payment will be made. University will not pay any extra amount as the quote amount is inclusive of all taxes/Govt. levied duties/transportation charges etc. Payments shall be made in Indian Rupees as follows:

- Delivery, Installation & Acceptance – **100%** of total cost

Department of Mechanical Engineering

I.K. Gujral Punjab Technical University (Main Campus), Kapurthala



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will not pay any extra amount as the quote amount is inclusive of all taxes/Govt. levied duties/transportation charges etc. Payments shall be made in Indian Rupees as follows:

a) Delivery, Installation & Acceptance – 100% of total cost

6. **Warranty:** All supplied items under purchase must have warranty of **12 Months** from the date of successful acceptance of items.

7. **Last Date & Time:** You are requested to provide your offer within two weeks from the dispatch date of this letter.

8. Training Clause (if any) Yes

9. Testing/Installation Clause (if any) Yes


10. Information brochure/product catalogue, if any must be accompanied with quotation clearly indicating the model quoted for.

11. **Scaled Quotations:** Quotations sent via email should be summarily rejected. Please subscribe on the envelop "Quotation for Vacuum Impregnation Unit. To be opened by Committee only". Only sealed quotations to be submitted/delivered at the address mentioned below:

**[QUOTATIONS FOR VACUUM IMPREGNATION UNIT
TO BE OPENED BY COMMITTEE ONLY]**

To
Store & Purchase Office
(Quotations for Department of Mechanical Engineering)
Main Campus, I. K. Gujral Punjab Technical University,
Jalandhar-Kapurthala Highway, Kapurthala-144603 (PB)

We look forward to receiving your quotation and thank you for your interest in this project.


Dr Neelkanth Grover
HOD, Department of Mechanical Engineering
(Authorized Signatory)

ANNEXURE I

Technical Specifications and Compliance Sheet

The specifications of the equipment are given below:

S.No	Item (Quantity)	Specification	Compliance (Yes/No)
1	Vacuum Impregnation Unit (01 Unit)	To be used for impregnation of polymers in porous material. Impregnation chamber should be designed in a way to pour any liquid material inside chamber while maintaining the high vacuum.	
		Vacuum Pressure: -650mm/Hg or better	
		Vacuum Pump Motor Power: 180 W or better	
		Pump Flow: 50L/min or better	
		Power Required: AC220V Single Phase	
		Vacuum Chamber Size: dia 150 X 150 mm or more	
		Chamber Material of construction: Glass chamber with aluminium top and bottom plate	
		Mounting Frame: MS Powder Coated	
		Vacuum Pump: Direct Drive Rotary Vacuum Pump Capacity: 50 LPM (3m ³ /hr) Rational Speed: 1400 RPM Ultimate Partial Pressure Ultimate Vacuum: 2x10 ⁻¹ m bar Oil Capacity: 0.5 lts	
		Vacuum Gauge: 2 1/2" Vacuum Dial Gauge, 0 to 760 mm Hg	
		Mould Compound Injecting Valve: Manually Operated Screw Knob Valve	
		Air Admittance Valve: Solenoid Operated Valve	
		RVP Isolation Valve: Solenoid Operated Valve (Parallely connected with the Pump)	
		Complete setup along with sealing O rings, Transparent Nylon/PU tube for admitting the Mould Compound, Rubber Mould Mounting Cups (dia. 25 mm or better) Mould compound borosilicate measuring container, Interconnecting tubes/hoses along with required clamps and seals.	
		Any other in addition to above:	

Arjun

(Authorized Signatory)