

# Mechanical Engineering Department Indian Institute of Technology, Delhi

## NOTICE INVITING QUOTATION

Date: 13/08/ 2014

Sealed quotations are invited for a “**VACUUM BASED PACKAGING MACHINE**”. The quotations should be submitted in a sealed cover (separate bids: technical and commercial) to **Prof. Naresh Bhatnagar**, Mechanical Engineering Department , Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016 on or before 29.08.2014 (Friday). Late submission will not be considered.

The sealed quotations are to be submitted in one envelope having two separate envelopes for;

A- Technical Quote (Technical Specifications only)

B- Financial Quote (Technical & Financial)

Both the envelopes A & B should be enclosed in an outer envelope, which should be sealed and addressed to, clearly mentioned on top right of the envelope Quotation for “**VACUUM BASED PACKAGING MACHINE**”.

Institute reserves the right to accept or reject any of the offers without assigning any reasons. The detailed specifications of each individual component of the system are given below:

### **TECHNICAL SPECIFICATIONS:**

1. Digital control unit with display of actual vacuum and sealing time.
2. Chamber dimensions W 400 - 450 x D 400 - 450 x H 150 – 180 mm
3. Machine should be movable on castors.
4. Height-adjustable feet for ergonomics of working.
5. Plastic filler plates for chamber
6. Vacuum valve unit for ease of operations
7. Auto-progressive ventilation
8. Absolute measuring vacuum sensors
9. Fully graphic display with instructions for operator
10. Disk spaces - 30 programs (minimum)
11. Delayed ventilation - up to max. 60 min.
12. Vacuum quick-stop provision
13. Vacuum pump capacity - 40 m<sup>3</sup>/h
14. Sealing arrangement: 2 seal bars, minimum 440 mm long
15. Controlled evacuation process for powder product
16. Double seam sever seal

### **Terms and Conditions**

**Envelope A:** Technical Quote: The following details are to be enclosed (Mention clearly on this envelope – Technical Quote)

1. Letter from the manufacturer specifically to quote for this NIQ is to be attached for the authenticity of dealership/ agency and the dealer should be an authorized service provider.
2. Technical brochures mentioning all details with complete address of the principals.
3. A compliance statement for required specifications should be attached.
4. Firm MUST provide a compliance statement vis-à-vis specifications in a “tabular form” clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed, with the company seal, by the tenderer for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects. (as per IIT-Delhi rules).
5. Any optional equipment / accessory advised to be included in the quote.
6. a) List and addresses of organizations [in India and abroad – with contact landline numbers] where the equipment has been supplied in last 3 years.  
  
b) Address in India where a live demonstration of the instrument can be arranged, if possible.
7. a) Details of similar equipment supplied to preferably Indian Institute of Technology/ National Institute of Technology/Indian Institute of Science, India specifying the Department/Centre/lab to which the equipment was supplied, with references.  
  
b) Mention if the equipment is being maintained by your organization. Address of the technical office, in India, with telephone and FAX numbers. Please clarify the type of support available in India.
8. If quote is for imported equipment, Sole Agency-ship certificate on the letterhead of the principal company with current dates, if quotation is from an Indian Agent. This is MUST to qualify, in Technical Envelope
9. In case the items are proprietary products of the company, a proprietary item certificate stating the same may be provided with latest date.
10. Specifications form should be similar to the given major specifications.

**Envelope B:** Financial Quote: The following details are to be enclosed/ ensured. (Mention clearly on this envelope – Financial Quote)

1. The quotations for the equipment in foreign exchange, if it is to be imported. The cost of spares and optional equipment are to be quoted separately. The cost should be based on FOB, Factory. If equipment is indigenous, the quote should be in INR.
2. Taxes, terms and conditions should be clearly mentioned.
3. Institute makes payment after delivery and successful installation. The payment is by RTGS for which NEFT form need to be duly filled and complied. In case the payment terms are

different, it should be mentioned clearly. If equipment is to be imported, the address of the company in whose name the LC is to be opened should be stated.

4. Payment terms and conditions should be clearly mentioned. No advance payment is given by IIT Delhi for capital equipment.

5. Vendor should get a fresh certificate directly from their product principal's clearly mentioning about warranty for three years of the equipment to be delivered from the date of installation.

6. The details of the AMC after the warranty period should be clearly mentioned.

7. Cost for Installation and training at site, if needed, to be provided.

8. Validity of the quotation should be at least four months. Vendors will do the installation and demonstration of the equipment at IIT Delhi premises without any additional charges.

9. The delivery period to be clearly specified and should be at the earliest.

**(Prof. Naresh Bhatnagar)**

**Mechanical Engineering Department, IIT Delhi - 110016**