

INDIAN INSTITUTE OF TECHNOLOGY DELHI

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Quotations are invited for purchase of "Automatic Vacuum Forming Machine" with the following specifications

Due date: 20/01/2016

Qty: One

Sealed quotations are invited from reputed manufacturer/bidder for purchase of Automatic Vacuum Forming Machine in the department. There will be a two bid system-a technical bid and a financial bid. The technical bid should also contain post warranty AMC terms. Technical bid should not contain any commercial information, else will be rejected. The financial bid will be opened only if technical bid functionally meet the tender specifications. Before submitting the tender, read the tender terms & conditions carefully.

TECHNICAL SPECIFICATION FOR AUTOMATIC VACUUM FORMING MACHINE

S.No.	MODEL	AVF 3030
1	Dimension	The size of machine should not exceed 3.0m x 1.2m x 1.8m
2	Weight	Should not exceed 600 kg
3	Speed	Speed must be adjustable and maximum attainable size should be 12 Cycles per minute or more.
4	Heater	Heater should be of 4KW or more and with Infrared Ceramic Elements
5	Forming Table Size (Adjustable Max. to Min. Any Size) a) Width (Max - Min) b) Length (Max - Min) c) Draw (Max)	400 mm x 300 mm or more 300 – 200 mm 400 - 50 mm 100 mm or more
6	Type of material	Forming grade of HIPS, PVC, PET, ABS films/sheets
7	Sheet thickness	Upto 1mm
8	Feed	Feed should be in roll form
9	Side Chain Hold Wastage of Material (Both the side included)	25 to 30mm
10	Vacuum pump	150 Ltr. pump with 0.5 HP motor
11	Width of Roll (Adjustable) Max. Min.	330 or more 230 or less
12	Compressor Air Requirement	At 5 Kg/CM ² 100 Litrs/min.
13	Control panel	It should be fitted on machine itself so that no extra space is required
14	Feeding	It must be motorized and automatic

15	Sheet Cutting	Automatic
16	Others	Machine frame and control panel should be spray-painted.
14	Warranty	3 years

Terms & Conditions:

1. Separate technical and commercial bids are required to be submitted in separate sealed envelopes.
2. Compliance chart and list of components should be clearly attached along with technical bid.(Note: the compliance chart must match with the technical datasheet)
3. The model no. must be mentioned with the technical datasheet.
4. If the quote is submitted by the representative of principals/manufacturers, a valid agency ship/dealership certificate should be enclosed specific to this tender at a recent date in original, else will be rejected. Only OEM or Dealer can quote but both cannot submit the bid.
5. Validity of the quotation should be at least 90 days from the date of submission.
6. The delivery schedule shouldn't exceed 3 months from the date of placement of order
7. Institute reserves the right to accept/reject any or all quotation without assigning any reason.
8. No query regarding change in specification will be entertained
9. Penalty clause: if the material not received in stipulated time, deduction will be made 1% per week from the total value.
10. Payment will be made after satisfactory installation as per IIT Delhi norms through RTGS/NEFT.
11. Sealed quotations must reach in the "Office of Coordinator of School of IT, Room No- 109, first floor, SIT Building, IIT Delhi, New Delhi-110016 latest by 20/01/2016 upto 12 noon.