

**CENTRE FOR NANOSCIENCE & NANOTECHNOLOGY**  
(South Campus, Block-II, Sec-25)  
**PANJAB UNIVERSITY, CHANDIGARH-160014 (INDIA)**

Coordinator  
Centre for Nanoscience & Nanotechnology

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NSNT: 4366 to 4369

**SPEED POST  
NOTICE INVITING QUOTATIONS**

DATE: 18.01.2019

To

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

Please quote your lowest rates in **two bid system (Technical bid and Financial bid)** should be clearly written or typed (cutting avoid) for the **Spin Coating System (Spin Coater)** list attached given below, specifying make, quality, period of supply of item along with detailed information and should reach the undersigned

**LAST DATE OF RECEIPT OF QUOTATIONS:** 04.02.2019 before 5.00 PM

**OPENING OF QUOTATIONS:** 05.02.2019 AT 3.30 PM.

Note : The quotation must reach by Hand or Registered Post or Speed Post on or before 04.02.2019 before 5.00 PM on the following address:

**The Coordinator  
Centre for Nanoscience & Nanotechnology,  
Block-II, South Campus, Sector-25,  
Panjab University, Chandigarh-160 014**

1. Technical bid and Financial bid should be in separate sealed envelope with 2% EMD.
2. The bidders are requested to attach an EMD in the form of demand draft only of 2% of the total value of the quotation/Performa invoice in the name of "The Coordinator, Centre for Nanoscience and nanotechnology, Panjab University, Chandigarh.  
**For preparing TECHNICAL BID please use the table given in ANNEXURE-1 and mark yes/no in the comply column.**  
Financial bids received without the EMD will not be entertained. However, EMD is not required for quotation of total value of Rs. 1.00 Lakh or below.
3. Panjab University does not take any responsibility for any postal delay in delivery by Registered/ Speed Post or lost in transit of quotation.

4. **In terms of the Govt. of India Notification No.47/2017 Integrated Tax (rates) dated 14.11.2017 to insure that concerned vendor must charge the GST@5% on goods procured for Scientific and research purpose only in compliance to the aforesaid notification.**
5. Conditional and unsigned quotation will not be accepted.
6. All quoted rates should be FOR Panjab University and firm should quote the rate of all taxes including GST.
7. No payment will be made on the Performa invoice.
8. The quotation shall not contain corrections, erases and overwriting.
9. Please mention Name of work and due date on the Envelope.
10. The undersigned reserves right to accept or reject any quotation without assigning any reason.
11. Panjab University has been issued GST Identification No.(GSTIN) ie. 04AAAJP0325R2Z0 w.e.f. 1.7.2017.
12. As per Panjab University FDO Circular No.2572-2771/FDOI/F-143 dated 27.9.2017 GST deduction at source at the rate of 2% (CGST 1%\_SGST/UTGST 1%) or (IGST 2%) from the payment to be made or credited to the supplier or taxable goods or services or both, where the total value of such supply under a contract exceeds of Rs.2,50,000/- with reference memo No.ACLA/EA/2017/379 dated 20.9.2017 conveying the instruction os Government of India, Ministry of Finance Department of Revenue, Central Tax dated 15<sup>th</sup> September, 2017. These instructions shall apply to the supplier made/to be made w.e.f. 18.9.2017.
13. We have been exempted for paying Custom Duty as well as Excise Duty Exemption in terms of Govt. notification No.51/96-Customs dated 23.7.1996 and Central Excise duty Exemption in terms of Govt. notification No.10/97 – Central Excise dated 1.3.1997 as amended from time to time is valid upto 31.8.2020. Jt. Director General of Foreign Trade has issued a new Import Export Code (IEC) No.2217501658.
14. **Special Discount for educational institutions, University teaching department may be mentioned please.**
15. The Technical Bids will be opened on **05.02.2019 at 03.30 pm** and you may depute your representative at the time of opening of quotations.
16. **MOST IMPORTANT**: The bidders are requested to attach the EMD Demand Draft of 2% of the quotation in the name of the Coordinator, Centre for Nanoscience & Nanotechnology, Panjab University, Chandigarh", without Demand Draft, quotation will not be entertained.
13. Supplier has to demonstrate performance and specification of the system at the customer site.
17. Supplier should be able to provide the services by OEM Payroll Engineer only. Services by Agents are not acceptable.
18. Service Support Reference Customer List is to be provided along with Technical Bid.
19. Provide name and address of the three Institutes/Organizations where the similar equipment is supplied.
20. **Please supply the material in one lot otherwise, the material will not be entertained.**
21. The quotation in a sealed envelope giving our/your reference No./Date of quotation should be sent by POST/personally.
22. **The tenderer should mention in the Technical Bid the availability and names of Application Specialist and Service Engineer in the nearest regional office.**



23. The tenderer should mention in the Technical Bid the response time for attending a complaint pertaining to the operation/issues of the equipment.

Yours sincerely



(Prof. Navdeep Goyal)  
Coordinator  
Nanoscience & Nanotechnology  
Centre for Emerging Areas in  
Science & Technology  
Panjab University Chandigarh

**Technical Specifications are as under of SPIN COATING SYSTEM (SPIN COATER)**

**Annexure-1**

S. No.	Description	Comply (Yes/No)
1.	Spin coating system should be compact in size, preferably table top with top covered and microprocessor controlled with clearly visible large LCD display system with storable programmable recipes.	
2.	Working chamber: Teflon coated 8 inch diameter chamber with transparent lid, Gas purging port, and spill drainage to collect waste.	
3.	Sample stage to hold samples by vacuum suction on a rotational platform. Should be suitable for both circular and rectangular substrates with variable sizes of up to 1 x 1 square and 1.5 inch diameter. Additional chucks to hold samples of 5 mm, 10mm and 25 mm diameter samples.	
4.	Entire unit should be certified for corrosion proof.	
5.	Should have interlock safety for open cover and vacuum failure.	
6.	Spin speed: 0 to 10000 rpm or better.	
7.	Acceleration: up to 4000 RPM/s or better	
8.	Uniform film coating: $\pm 5\%$ or better.	
9.	RPM accuracy: $< 1\%$ over full range.	
10.	Programmable with multiple segment (20 segments or more) editable preset programs (15 or more) with 1-9999 sec/step	
11.	Should be stable at its highest speed and acceleration with no vibration (sturdy system).	
12.	The unit must be all inclusive supplied with all necessary accessories like syringes, any other adapters, connector cables, etc.	
13.	Suitable dry vacuum pump should also be supplied along with the unit, if it is not inbuilt.	
14.	Electrical requirement: Up to 240 V/ 50 Hz or as per Indian standard, single phase.	
15.	Warranty: Minimum 1 years.	
16.	Installation and training: The Installation should be completed within 30 days after arrival of the instrument. The company experts to provide training to the university personnel at site.	
<b>Optional</b>		
1.	Power Backup: A suitable ISO-9001 certified online UPS (3 KVA) for the unit with minimum backup of 1/2 hour or more.	

