



UNIVERSITY OF KASHMIR, SRINAGAR
DEPARTMENT OF NANOTECHNOLOGY

Tender Notice

Tenders in sealed envelopes affixed with revenue stamp and accompanied with a for the amount of 2% of the total quotation price pledged to Dr. Faheem Arjemnd, Assistant Professor, Department of Nanotechnology, are invited by the undersigned from reputed Manufacturers/Authorized Distributors for supply/installation/demonstration of equipments stated below.

List of Equipment

S. No	Name of the Instrument	Specifications	Quantity
1	Fourier Transform Infrared Spectrometer FT-IR	<p>Spectral range : 7500 to 400 cm^{-1}, Wave number Precision: $\pm 0.01 \text{ cm}^{-1}$, Scanning speed : 5 step adjustable for different applications, Signal to noise ratio : better than 15000:1 (RMS value at 2100 cm^{-1}, Resolution: better than 4 cm^{-1}, Detector: DTGS, 1 minute data collection, Beam splitter : Ge coated Kbr, Dimensions : 54 x 52 x, The spectrometer must be able to scan at a minimum rate of 50 scans per second at a spectral resolution of 16 cm^{-1}, The instrument must be capable of at 50,000:1 peak to peak signal to noise, measured at 4 cm^{-1} resolution in the well proved standard region of 2200-2100 cm^{-1}. The instrument should be capable to collect data using samples prepared by Kbr method and NOT by ATR method.</p> <p>Should have compatible computer Software containing all routine needed for basic spectrum export AND should have computer interface.</p> <p>Additional Accessories</p> <p>Hydraulic Press having 15 T Capacity (1 number)</p> <p>KBR Die Sets (13 mm) and Pallet holder (2 numbers)</p> <p>Furthermore, a list of references in India, where similar systems have been installed, must be provided and this will be taken very seriously while making the decision. Your post sales service feedback will be certainly a deciding factor.</p>	1
2	Electrospinning	<p>Electrospinning unit to produce nanofibers for Research, A high voltage power supply capable of producing (1kV to 30kV), (0.5mA max Current). Should have humidity display meter. Should have an exhaust fan in the system hood. Collector – Drum having (Dia 50 mm x Length 100mm), the rotation speed of drum should be 4000 to 5000 RPM, The system hood should have features of lighting and the transparent door for monitoring electrospinning process, The system hood should have facilities for inert gas purge, The control panel should have On/off button and should have main emergency stop buttons. Also, should have a temperature and collector speed indicator.</p>	

		<p>Additional Accessories</p> <p>The Syringe pump should have a microprocessor based control system that can render a flow rate of 0.1 $\mu\text{L}/\text{min}$ to 10 ml/min.</p> <p>The syringe holder should be made of insulating material to work under high voltage conditions, two or four syringe dispensing systems is desired.</p> <p>Furthermore, a list of references in India, where similar systems have been installed, must be provided and this will be taken very seriously while making the decision. Your post sales service feedback will be certainly a deciding factor.</p>	
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Terms & Conditions

1. Tenders will be received by Hand/Speed Post/Registered Post/Courier Services only in sealed cover superscribing “***Tender for Equipments for Department of Nanotechnology, University of Kashmir, and Hazratbal Srinagar***” and addressed to Dr. Faheem Arjamend, Assistant Professor, Department of Nanotechnology, University of Kashmir, Hazratbal Srinagar-190006, J&K, up to 2.00 PM on 16th, May, 2017.
2. The cover should read “***Tender for Equipments for Department of Nanotechnology, University of Kashmir, and Hazratbal Srinagar***, Hazratbal Srinagar and also indicating thereon:
 - i) Reference No. of the Tender
 - ii) Due date for submission of the tender
 - iii) Name of the firm with an address, Mobile/Phone/Fax and e-mail
2. The vendors quoting must have Tin No: and latest VAT Clearance Certificate from the sales tax department. The specifications should be supported with the catalog. The rates should be quoted for Department of Nanotechnology, University of Kashmir Srinagar. The taxes, if any, should be indicated clearly. The undersigned reserves the right to purchase all/same/or none of the listed items.
3. The manufacturers/authorized distributors are requested to send soft copy of the quotations by e-mail at faheemnt@uok.edu.in on 17th, May, 2017.

Dr. Faheem Arjamend
Principal Investigator

No: F-(NATE-Proj)KU 2017
Dated: 09-05-2017