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Subject: Request to send the quotations for **Nano Fiber Electrospinning System**

Dear Sir/Madam,

We are going to purchase a **Nano Fiber Electrospinning System** in the School of Nanoscience and Biotechnology, Shivaji University, Kolhapur as per the following specifications.

Nano Fiber Electrospinning System

Technical Specifications	Qty.
<p>A. High Voltage Power Supply</p> <ol style="list-style-type: none">0 – 30 kV Single Output, 0.5 mA max CurrentDigital Voltmeter and Current meterStatic Removal Device - Shorting StickConstant Current / Constant Voltage mode of operationBuilt-in ARC Circuit Protection <p>B. Single Syringe Pump</p> <ol style="list-style-type: none">To dispense from standard disposable or glass syringesThe syringe holder should made of insulating material to work under high-voltage conditionsMotor control through microcontroller to control and indicate flow ratePC-based control with documentation of parameters like syringe diameter, flow rate, spray duration, etc.Manual height adjustment platform to vary the pump height according to the target height. <p>C. Rotating Mandrel</p> <ol style="list-style-type: none">Stainless steel drumRotational Speed: 300 - 4000 rpmGrounding facilityActuator: Microprocessor-controlled BLDC motor with sensor feedbackSpeed stability : +/- 1%PC-based control with documentation of speed and duration <p>D. Fume Hood</p> <ol style="list-style-type: none">Standalone unit with in-built power supply and wiring for the heater, lighting, and exhaustTransparent glass windows on three sides for easily monitoring the processConstruction Material: Stainless Steel, Aluminium & GlassEpoxy coated for electrical insulationExhaust fan ventilation at the top of the hood <p>E. General</p> <ul style="list-style-type: none">The chamber should provided with a Residual Charge Discharge Stick for static	01

removal.

- Safety switch provided to switch off H.V. Power supply.
- LED cabin lighting and backlight to view Needle tip and electro-spin process.
- The exhaust fan should provide for solvent vaporization and cooling down the equipment after the spin process.
- Emergency stop should be provided on the control panel to stop the equipment where there is any emergency.
- The system hood should have features like an Exhaust fan, halogen lighting, and a transparent door for monitoring the electrospinning process.
- Built-in Arc Protection Circuit

So, kindly request you to send the quotations for the **Nano Fiber Electrospinning System** as per the specifications including **supply, installation, commissioning and other charges up to 30/06/2024**. Quotation Cover **must be sealed and superscripted "Quotation for Nano Fiber Electrospinning System"** and bear the address of Director, School of Nanoscience and Technology, Shivaji University, Kolhapur.

Thanking you.


Dr. T. D. Dongale
(Project Investigator)
SERB - SURE

Asstt. Director/Asstt. Professor
School of Nanoscience & Biotechnology,
Shivaji University, Kolhapur.

Yours Faithfully,


I/C Director

Prof. (Dr.) K. K. Sharma
I/C. Director,
School of Nanoscience & Biotechnology,
Shivaji University, Kolhapur-416 004

TERMS AND CONDITIONS

- 1) While indicating the make of a product, the name of the manufacture may be clearly specified to enable us to consider your offer and expedite orders. Supplies are to be made in the manufacture's pickings only; Your quotation should accordingly be adjusted to the nearest size of the original packing of the Manufactures.
- 2) The price quoted may be as indicated below in clause (a) for Outstation firms and (b) local firms.
 - a) F.O.R. Destination / dispatching station by goods/passenger train.
 - b) For free delivery at the **School of Nanoscience and Biotechnology, Shivaji University Kolhapur – 416004.**
- 3) Your rates are assumed to include packing and forwarding charges, unless separately stated. The goods should be insured against theft, loss or breakage during transit and insurance charges should not exceed 3% of the cost of materials supplied.
- 4) The rate of sales Tax, GST, CST, and excise duty may be clearly indicated wherever chargeable, in the absence of which it will be deemed that no taxes are payable by us.
- 5) A.P Form for sales Tax concession will be sent to you after execution of order for claiming concession in payment of sales Tax in the Maharashtra state.
- 6)
 - a) Specific information in required as to whether the items have been offered ex-stock or will have to be imported, as also how much time will be requiring for delivery after placing of the order.
 - b) Your offer should be kept open for at least 2 months form the date of opening of the Quotation/Tender.
- 7) Each quotation is to be enclosed in a double cover. The financial bid document and Technical documents should be enclosed in separate envelops. **The outer cover must be sealed and superscripted "Quotation for Nano Fiber Electrospinning System"** Your No.----- Date----- closing date **30/06/2024**. Also the cover bears the address of **Director of the School of Nanoscience and Biotechnology.**
- 8) Offers made on conditions like "subjects to prior sale" Subject to availability of stores" taxes as applicable' or with similar other vague conditions are liable to ignored.
- 9) In the case of supply order for the scientific equipment/apparatus/Glassware/Chemicals, the date of delivery should be strictly adhered to; otherwise, the supply order is liable to be cancelled.
- 10) On receipt of notification of award from the University, the vendor shall furnish the performance security at 3% of the cost of the instrument to be ordered in the form of DD in favor of Finance and Account Officer, Shivaji University, Kolhapur or in the form of Bank Guarantee or in another form which will be acceptable to the University.