

**Shivaji University,
Vidyanagar, Kolhapur - 416004**

Department: School of Nanoscience and Biotechnology

Dept. No. SU/SNST/2024-25

Date: 26/12/2024

To, -----

Subject: Request to send the quotations for **Electrolyser Test Station**

Dear Sir/Madam,

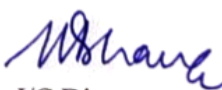
We are going to purchase a **Electrolyser Test Station** in the School of Nanoscience and Biotechnology, Shivaji University, Kolhapur as per the following specifications.

Electrolyser Test Station

- PEM cell fixture 5*5 cm with Membrane Electrode Assembly (MEA)
- Peristaltic pump 50 mL per minute – 1 No. (FORWARD / REVERSE selection should be present)
- Electrolytic tank ~500 mL
- Tedler Bag for hydrogen storage
- Non-returnable valve
- Moisture trap, Push fit Non corrosive tubing
- Safety switch – Emergency stop
- Cell voltage range : 1.5 to 3.5 V
- Cell current range: 10A or more
- Fixture 5*5 cm
- H2 Production Rate : 50 mL/minute max
- H2 Purity: >99.9 %
- Output voltage: 0 to 20 V
- Output current: 0 to 10 A
- Output power: 200 W
- Load regulation:
 - ✓ Constant Voltage: < 0.1%+5 mV
 - ✓ Constant Current: < 0.2% +3 mA
- Power regulation:
 - ✓ Constant Voltage: < 0.01%+5 mV
 - ✓ Constant Current: < 0.2% + 3 mA
- Output regulate resolution of Constant Voltage: 10 mV and Constant Current: 1 mA
- MTBF(e): ≥ 2000 hrs
- Programming accuracy: Voltage: <0.1% and Current: <0.2%
- Display mode: LED (voltage and current: Dual display)
- Power Input voltage: 220V AC

So, kindly request you to send the quotations for the **Electrolyser Test Station** as per the specifications including **supply, installation, commissioning and other charges up to 07/01/2025**. Quotation Cover **must be sealed and superscripted “Quotation for Electrolyser Test Station”** and bear the address of Director, School of Nanoscience and Technology, Shivaji University, Kolhapur.

Thanking you.


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 from 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 Electrolyser Test Station" Your No.-----**
--- Date----- closing date **07/01/2025**. 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.