



SHIVAJI UNIVERSITY, KOLHAPUR
DEPARTMENT OF CHEMISTRY

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To avoid delay in reply, please quote.
Enquiry Nos. SU/PG/CHEM./ 063

Date: 28 JUN 2023

To,

Dear Sir,

Re.: Quotations

We are interested in the purchase of the articles mentioned below. Please send your quotation in a sealed cover so as to reach this office on or before – 15.07.2023

No.	Description of Material	QTY
1	Digital Conductivity meter RANGE : 0 to 20, 200 μ S, : 0 to 2, 20 & 200 mS READABILITY : 0.05 % of Range. ACCURACY : \pm 1% of Range REPEATABILITY : \pm 1% of Range READOUT : $3\frac{1}{2}$ digit 7 segment LED of 12.7mm height OPERATING FREQUENCY: 1000 Hz, TEMP. COMPENSATION : 0 to 50°C Manual TEMP. CO-EFFICIENT : 2%, CELL CONSTANT : 0.1, 0.5 or 1.0 (Selectable) OUTPUT : 20 mV Full Scale into 10 k Ω Resistive Impedance. POWER REQUIREMENT : 230 V \pm 10% AC, 50 Hz, 1 ϕ , 5 VA Max. ACCESSORIES : Cell, stand, & Cell holding Clip	2 No.
2	Digital pH Meter pH Range : 0 to 14, Readability : 0.01 Accuracy : \pm 0.01, Repeatability : \pm 0.01 Stability : \pm 0.05 in 8 hrs. EMF in mV Range : \pm 1999, Resolution : 1 Accuracy : \pm 0.1% of Range or \pm 2 counts, Repeatability : \pm 1 SENSOR INTERFACE, Input Impedance : >1012 Ohm @ 25°C Receptacle : BNC, TEMP. COMPENSATION : 0 to 100°C Manual ASSY. POTENTIAL CORRECTION : \pm 100 mV with 1 turn potentiometer With Instrument Stand with Electrode holding clamp, Buffer tablets and Polythene Bottle	3 No.
3	Digital Colorimeter WAVELENGTH : 410, 470, 490, 520, 540, 580, 610 & 640 nm % Transmission : 0 to 250, Absorbance : -0.31 to 2.0 Abs Repeatability : \pm 0.01 Abs, Readability : %T 1 Abs 0.01 Readout : 5 digit 7 segment LED of 14mm height LIGHT SOURCE : LED, DETECTOR : Silicon Photo Diode SAMPLE HOLDER : 75 x 12 mm \pm 0.5 mm Test tube with 10 mm Path Length POWER : 230 V \pm 10% AC, 50 Hz, 1 ϕ , 5 VA Max.	2 No.
4	Digital Nephelometer Range : 0 to 200, 200 to 1000 NTU, Readability : 0.1 to 1.0 Accuracy : 2% of Reading, Non Linear Repeatability : 1% of Reading 1% of Reading LIGHT SOURCE : Tungsten Halogen Lamp Readout : $3\frac{1}{2}$ digit 7 segment LED of 12.7mm height DETECTOR : Photo Diode, POWER : 230 V \pm 10% AC, 50 Hz, 1 ϕ , 20 VA Max.	1 No.
5	Digital Spectrofluorometer SPECTRAL Range (Ex & Em) : 200 to 900 nm, Bandwidth : 2, 5, 10 & 20 nm (selectable) Readability : 0.1 nm, Accuracy : \pm 2 nm Repeatability : \pm 0.2 nm, Scanning Rate : 200, 400 & 600 nm/min (selectable) FLUOROMETRIC Sensitivity : 0.1 ng/mL Quinine Sulphate is detectable with 20 nm bandpass in Ex & Em Monochromatic, Raman Band of Water with 10nm bandpass at Ex WL 350 nm & Em WL 397 nm, S/N > 150. LIGHT SOURCE : 150 Watt Xenon Arc Lamp MONOCHROMATOR : Czerny - Turner type with 1200 lines/mm Holographic Grating DETECTOR : High Sensitive Photo Multiplier Tube (PMT) CONTROL Standalone : Microprocessor, Optional : Through Computer PC CONNECTIVITY : RS 232C Interface SAMPLE ATTACHMENT Standard : Motorised 4 position Cuvette holder for 10 mm Path Length Optional : Polarizer module and Absorbance Module, Solid Sample H DATA PROCESSING : Microprocessor Mode (Standalone) : Spectrum (Excitation, Emission, Synchronous, PreScan), Concentration, Fluorescence & GLP Compliance PC Mode : Spectrum (Excitation, Emission, Synchronous, PreScan), Concentration, Fluorescence, Time Scan, Quantum Yield Measurement & GLP Compliance ACCESSORIES: Fluorescence free quartz cells of 10mm path length.	1 No.
6	Digital Spectrophotometer SPECTRAL Range : 190 to 1100 nm, Bandwidth : 1 or 1.8 nm Readability : 0.1 nm, Accuracy : \pm 0.3 nm, Repeatability : \pm 0.2 nm PHOTOMETRIC System : Double beam optics, Range : \pm 3.5 Abs Accuracy : \pm 0.005 Abs at 1.0 Abs, \pm 0.010 Abs at 1.5 Abs Repeatability : \pm 0.002 Abs at 1.0 Abs, Stability (Baseline) : 0.003 Abs/hr. after 2 hour warm-up, Stray Light : <0.05% T at 220 nm with NaI 10g/L, Readability : %T 0.01, Abs 0.0001 LIGHT SOURCE : Pre aligned Deuterium Lamp (D ₂) & Tungsten (W) Halogen Lamp DETECTOR : Silicon Photo Diode or PMT MONOCHROMATOR : Concave holographic grating with 1200 lines/mm STORAGE: 128GB, Ports: 3 - USB Ports, TCP/IP, Ethernet, WIFI SAMPLE ATTACHMENT Standard: Fixed 10mm path length Holders for Reference and Sample. Optional : Fixed multi path cuvette holders for Reference and Sample Accommodating 10mm to 100 mm cuvettes. Fixed cuvette holder for Reference and 6 Position motorized 10 mm path cell holder for Sample. : Fixed cuvette holder to accommodate micro cuvettes. ACCESSORIES : 10 mm Path length Cuvettes	1 No.

While submitting quotation, the conditions Specified overleaf, specially condition No.1, may please be carefully observed. Quotations are liable to be cancelled if any of these conditions are not complied with.

Yours Sincerely,

(Signature)
Head,

Department of Chemistry
Shivaji University, Kolhapur-416004

TERMS AND CONDITIONS

- 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 manufactures packing only: your quotation should accordingly be adjusted to the nearest size of the original packing of the Manufacturers.
- 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 Chemistry Department, Shivaji University Kolhapur-4
- 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.
- 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.
- 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.
- a) Specific information is required as to whether the items have been offered ex-stock or will have to be imported, as also how much time will be required 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 tender.
- Each quotation is to be enclosed in a double cover. The inner cover must be sealed and superscripted. "Quotation for-----your No. -----Date-----closing date-----" The outer cover may bear only the address of Head of the Chemistry Department.
- Offers made on conditions like "Subject to prior sale" "subject to availability of stores" "taxes as applicable" or with similar other vague conditions are liable to be ignored.
- 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.