



Dr. Babasaheb Ambedkar Technological University,
P.O. LONERE - 402 103, Tal. Mangaon, Dist. Raigad.

Our Ref No.: DBATU/Store/Chemistry/Lab Equipments /2024/

1844
11 JUL 2024
Date: 10/07/2024

Quotation for Chemistry Lab Equipments

Due On: 25/07/2024

Date of Opening: 26/07/2024

Time: 11:30 am

To

Sub: QUOTATION FOR THE SUPPLY OF STORES.

Dear Sir,

Your quotation for the items listed overleaf, may please be submitted to the under signed, so as to reach this Office not later than 25/07/2024.

While submitting your quotation, the following procedure may please be observed and other points borne in mind.

1. The maker's name must be specified.
2. The "Terms and Conditions" for supply and delivery of stores, should be clearly indicated in the quotation, stating whether rates are, inclusive of all taxes, Packing and forwarding charges Freight charges etc. or not, However rates offered as including all taxes will be more welcome.
3. If packing and forwarding charges are to be charged separately, it should be so clearly stated in your quotation.
4. Please mention clearly whether consignment would be Ex-Godown, Ex-Shop, of F.O.R. dispatching stations. Preferably terms offered as "Delivery of consignment of stores, on F.O.R."
5. Envelope should be clearly marked with our reference No and date of this quotation. It should also be superscripted as per the format given above.
6. The quotation would be opened as per date and timing given above, if desired by you, you may depute an authorized representative with a letter of authority to be present at the time of opening of the quotation at this Office on the aforesaid day, date & time.
7. Your quotation must be valid for a minimum 30 (Thirty) working days from the date of its opening.
8. Quotation received after the date of opening may not be taken into consideration.

9. Items tendered should confirm to the specification shown in the attached list when and where, full or no specifications are indicated against items in the list. Kindly furnish your full specification in accordance with accepted standards against each item tendered. Where reference to catalogue is made, the relevant catalogues/ Pamphlets/ Literature should accompany the quotation.
10. Your quotation should be for all new items and not for second hand.
11. Please state whether items will be available Ex-Stock. If not the minimum period for delivery, or for supplying the items or stores.
12. It should be clearly stated whether Excise-Duty, Sales-Tax, Central Sales Tax, Insurance Freight or packing and forwarding charges, or any other taxes and duties etc. livable.
13. It would be appreciated if illustrated catalogues/Literature etc. is furnished with the quotation.
14. Expression to as "Complete with standard Equipment" complete with standard accessories "Equipment to" As good as should be avoided. If at all their use is unavoidable then it should be very specifically indicated as to what exactly they mean and what exactly would be supplied under them. Any ambiguity or vagueness should be avoided.
15. For convenience, kindly adopt while quoting the same serial Nos. as given in the list detailed below.

Thanking You.

Yours faithfully,


Registrar

Dr. Babasaheb Ambedkar Technological University, Lonere

List of Items

Sr. No.	Description / Specification	Make	Appox. Qty. Req.	Rate per Unit	Remark
01	List of the Instruments is as per Annexure 'I'	As per Annexure I attached	As per Annexure I attached		

Annexure I

Sr. No.	Description / Specification	Make	Approx. Qty. Req.
01	<p>Digital Conductivity meter (Model EQ- 664A) Readout : 4 digit LED display Unit of Measure: SIEMENS (MHO) Ranges : 0.001μS to 200mS in six auto ranges Six Ranges : 200ms, 20ms, 2ms, 200μs, 20μs, 2μs Accuracy : \pm 1% + last one digit Power required : 230 V AC \pm 10% @ 50Hz, 6VA Warming period: 5 minute Weight : 1Kg. (Approx.) Body : NANO CRYSTALLINE ABS TM Dimension : 90 mm (H) X 225 mm (w) X 220mm (L) Standard conductance : Conductance of 1.000 ms Electrode : EQ 708A Unbreakable APH Sleeved Conductivity cell (k = 1) Platinized platinum Stirrer speed : 500RPM Fixed Accessories : Teflon magnet, Electrode clamp, Rod, Screwdriver and Dust proof cover Technology : Quantum Zuerkst Certified</p>		04
02	<p>Digital P^H meter (Model EQ- 614A) Readout : 4 digit LED display Range : P^H: 1 TO 14.00 mV: 0 to \pm 1.999 Resolution : P^H: 0.01 mV: 1 Accuracy : P^H: \pm 0.01, P^H: \pm 1 least count mV: \pm 0.1% , 1 least count Temp. Comp : 0 to 100^oC Power required: 230 V AC \pm 10% 50Hz, 4VA Warming period: 5 minute Weight : 1Kg. (Approx.) Body : ABS Dimension : 90 mm (H) X 225 mm (w) X 220mm (L) Electronic buffer : Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 P^H useful for self-diagnostic. Electrode : EQ 700 Unbreakable APH Sleeved Glass + Reference combined Electrode. Nano Technology Glass ORP ELECTRODE at extra cost Stirrer speed : 500RPM Fixed Accessories : Stand set, Patch cord for Electronic buffer, Teflon magnet, Electrode clamp, Rod, Screwdriver and Dust proof cover , Buffer tablets for 9.20,7.00,4.00 P^H Technology : Quantum Zuerkst Certified</p>		04

3	<p>Digital Conductivity meter (Pocket conductivity meter Model EQ- 662) Readout : 4 digit LCD display Unit of Meas : SIEMENS Range : 1μS to 200mS in three ranges Three Ranges : 2ms (2000μs), 20ms, 200mS, selectable By switch Accuracy : \pm 1% + last two digit Power required : 9 V battery Weight : 200gm. (Approx.) Dimension : 40 mm (H) X 75 mm (w) X 140mm (L) Electrode : EQ 708A Unbreakable APH Sleeved conductivity cell (k=1) Platinized Platinum Accessories : Screwdriver and Carry case Technology : Quantum Zuerkst Certified</p>		01
4	<p>Digital Colorimeter (Model EQ- 651A) Function : %T & OD Filters : Disc mounted German filters 400, 420, 470, 500, 530, 620, 660 & 700nm. All the eight filters are mounted on the disc. Selection is done by rotation of disc. The disc will be locked in desired position. Readout : 3 digit LED display Measurements: a) %T - 0 -100% b) OD - 0-1.99 Accuracy : %T - \pm 1% - OD - \pm 0.01 Light source : LED of infinite life Detector : Photo cell Cuvette : Square APH cuvette 10 mm path length optiglass window Power required: 230 V AC \pm 10% @ 50Hz, 10VA / Inbuilt rechargeable Battery Warming time : 5 minute Weight : 1Kg. (Approx.) Body : NANO CRYSTALLINE ABS TM Dimension : 90 mm (H) X 225 mm (w) X 220mm (L) Sample quantity: 1ml Accessories : Square cuvette, dust proof cover</p>		01
5	<p>Hot plate with magnetic stirrer (Model EQ- 725) Stirrer technology : μController based Tri-Phase wave drive technology for jerk free stirring with hall sensor for accurate RPM control. 0- 2000 RPM with Auto Reverse function. Changes direction within 2 second. User selectable Auto reverse interval. PUSH -TO - RECENTER switch. Readout : 4 digits for RPM. 3 digits for temperature Display : 20 * 4 Super bright LCD display Hot Plate : 6 Inch ss top plate with 700 watt ceramic</p>		01

	<p>heater for fast and uniform heating.</p> <p>Temp. range : Room Temperature to 350°C</p> <p>Temperature stability : Highly stable $\pm 1^\circ\text{C}$</p> <p>Timer : 0-999minutes. Auto shut off with End buzzer alarm</p> <p>Accuracy : $\pm 1^\circ\text{C}$</p> <p>Temp. Controller: μController based PID</p> <p>Stirring capacity: Up to 5 L</p> <p>User Interface : Multi-turn, Electromagnetic knob for setting of parameters.</p> <p>Body : Shock proof powder coated MS body</p> <p>Accessories : Teflon coated Magnetic peddle 20 mm length, Teflon temperature probe, Instructional manual.</p> <p>Power : 230 V AC Mains $\pm 10\%$ @ 50h Hz 720VA</p> <p>Weight : 5Kg. (Approx.)</p> <p>Dimension : 400 mm (L) X 230 mm (D) X 140mm (H)</p>		
6	<p>Specification for TDS METER (Model EQ- 680)</p> <p>Readout : 4 digits LED display</p> <p>Range : 0.001PPM to 200PPT in six ranges</p> <p>Six range Viz : 2PPM, 20PPM, 200PPM, 2PPT, 20PPT, 200PPT</p> <p>Accuracy : $\pm 1\%$ ± 1 least count</p> <p>Power required: 230 V AC $\pm 10\%$ 50 Hz</p> <p>Warming Time: 5 minutes</p> <p>Weight : 1Kg. (Approx.) Body: ABS</p> <p>Dimension : 155 mm (L) X 235 mm (W) X 80mm (H)</p> <p>Standard TDS: 0.5 PPT</p> <p>Electrode : EQ-708 A Unbreakable APH sleeved Conductivity Cell (K=1)</p> <p>Accessories : Stand set, Screwdriver, dust proof cover</p>		01
7	<p>Digital Dissolved Oxygen Meter (Model EQ- 694)</p> <p>Readout : 4 digit LED display</p> <p>Range : 0 to 100.0 PPM Full scale</p> <p>Resolution : 0.1 PPM</p> <p>Accuracy : ± 1 least count</p> <p>Temp. Comp : 0 to 60%</p> <p>Calibration : 2 point</p> <p>Technology : Quantum Zuerkst Certified</p> <p>Power required: 230 V AC $\pm 10\%$ 50Hz, 4VA</p> <p>Warming time : 5 minutes</p> <p>Weight : 1Kg. (Approx.)</p> <p>Body : NANO CRYSTALLINE ABS TM</p> <p>Dimension : 90 mm (H) X 225 mm (w) X 220mm (L)</p> <p>Electrode : PVC Body Electrochemical Type (TETRA HYDRO – XYLINE membrane)</p> <p>Stirrer speed : 500RPM fixed</p> <p>Accessories : D. O. probe, 3 piece DO Membrane cap, stand set, Electrode clamp, rod, Teflon magnet, screwdriver, dust proof cover and Aerator kit.</p>		02

8	<p>Digital Turbidity Meter (Nephelometer) (Model EQ- 813)</p> <p>Display : 20 X 4 Super bright LCD Display</p> <p>Readout : 4 digit</p> <p>Ranges : 0 – 20, 0 – 200 & 0 – 2000NTU</p> <p>Resolution : 0.1 NTU in 20 & 200 range 1 NTU in 2000 range</p> <p>Accuracy : ± 5 FSR</p> <p>Calibration : Multi Point (upto 7 seven points) with calibration validity & one point daily calibration</p> <p>Optics : Non linear Ortho – Cylindrical Optics.</p> <p>Start Light : <0 1%</p> <p>Technology : Quantum Zuerkst Certified</p> <p>Power required: 230 V AC $\pm 10\%$ 50Hz</p> <p>Warming time : 15 minutes</p> <p>Other features : 3 user system, inbuilt Real time clock, storage of readings in Instrument and transmission to connected PC with date and time stamp.</p> <p>Sample volume: 5 ml</p> <p>Weight : 1Kg. (Approx.)</p> <p>Body : NANO CRYSTALLINE ABS TM</p> <p>Dimension : 90 mm (H) X 225 mm (w) X 220mm (L)</p> <p>Electrode : PVC Body Electrochemical Type (TETRA HYDRO – XYLIN membrane)</p> <p>Accessories : APH jacketed cuvettes set of 2 pieces, 2 bottles of standard solution (A and B), dust proof cover and operation manual</p>		01
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