

**Dr. Babasaheb Ambedkar Technological University,**

P.O. LONERE - 402 103, Tal. Mangaon, Dist. Raigad

Our Ref No.: DBATU/store/Chem.Engg./LLE and Natural Draft Tray Dryer 2021/1871

Date: 30/09/2021

Quotation for MTO Lab Equipments in Chemical Engineering Department

Due On: 20/10/2021

Date of Opening: 21/10/2021

Time: 11:00 a.m.

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 **20/10/2021**.

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

01. The maker's name must be specified.
02. 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.
03. If packing and forwarding charges are to be charged separately, it should be so clearly stated in your quotation.
04. Please mention clearly whether consignment would be Ex-Godown, Ex-Shop, or F.O.R. dispatching stations. Preferably terms offered as "Delivery of consignment of stores, on F.O.R.
05. 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.
06. 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.
07. Your quotation must be valid for a minimum 30 (Thirty) working days from the date of its opening.
08. Quotation received after the date of opening may not be taken into consideration.
09. 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 GST Insurance Freight or packing and forwarding charges, or any other taxes and duties etc. leviable.

13. It would be appreciated if illustrated catalogues/Literature etc are 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,

*(Signature)*  
30.05.21

I/c Registrar

Dr. Bahasaheb Ambedkar Technological University.

### List of Items

Sr. No.	Description / Specification	Make	Approx. Qty. Req.	Rate per Unit	Remark
1	<p>Liquid-Liquid Extraction in Packed Bed</p> <ol style="list-style-type: none"> <li>1) Extraction Column: Material Borosilicate Glass, Diameter 55 mm, Height 750 mm (approx).</li> <li>2) Packing : Rasching Rings, Material Borosilicate Glass</li> <li>3) Feed Tanks: Material Stainless Steel (2Nos.), Cap. 20 Ltrs. (approx).</li> <li>4) Extract &amp; Raffinate Tanks : Material Stainless Steel (1each), Cap. 10 Ltrs. (approx).</li> <li>5) Feed Circulation: By Compressed Air.</li> <li>6) Flow Measurement : Rotameters-2Nos. (One each for solvent &amp; solute)</li> <li>7) Pressure Regulator : 0-2 kg/cm<sup>2</sup></li> <li>8) Pressure Gauge : Bourdon type, 0-2 kg/cm<sup>2</sup></li> <li>9) Compressed Air Supply: 0.5 CFM @ 1 bar</li> <li>10) Water Supply</li> <li>11) Floor Drain.</li> <li>12) Floor Area Required: 1.0 m x 1.0 m.</li> </ol>		01		
2	<p>Natural Draft Tray Dryer</p> <ol style="list-style-type: none"> <li>1) Drying Chamber: Material Stainless Steel, Size (30 x 30 x 30) cm with proper insulation and housed in a MS Chamber. Maximum Temperature 120°C.</li> <li>2) Heater : Nichrome wire heater</li> <li>3) Weighing Balance: Digital, 0-1000gm. With good resolution.</li> <li>4) Temp. Sensor : Appropriate</li> <li>5) Control panel comprises of :</li> <li>6) Digital Temp. Controller : PID Controller, 0-199.9°C (For Drying Chamber) With Standard make on/off switch, Mains Indicator etc.</li> <li>7) Electricity Supply: Single Phase, 220 V AC, 50Hz, 5-15Amp. Combined socket with earth connection. Earth voltage should be less than 5 volts.</li> <li>8) Drying Solids. Bench area required: 1.0m x 1.0m</li> </ol>		01		