

Dr. Babasaheb Ambedkar Technological University,

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

06 JAN 2025

Our Ref No.: DBATU/STORES/Chem. Engg/HTO/Heat Transfer in Forced Convection and Experimental water cooling tower/2024-25/ 33

Date: 01/01/2025

Quotation for HTO Lab Equipments- Heat Transfer in Forced Convection and Experimental water cooling tower

Due On: 20/01/2025

Date of Opening: 21/01/2025

Time: 04:00 p.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. **20/01/2025**

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, of 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 it's 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,


Registrar

Dr. Babasaheb Ambedkar Technological University,

Sr. No.	Description / Specification	Make	Approx. Qty. Req.	Rate per Unit	Remark
1.	<p>Heat Transfer In Forced Convection: Specifications:</p> <ul style="list-style-type: none"> • Test section: Dia : 28 mm (approx.) Length : 400 mm (approx.) Blower : FHP of Standard make • Heater: Nichrome Wire • Air Flow measurement: Orificemeter & Manometer • Temperature Sensors: RTDPT-100 type(6 Nos.) • Control panel: Digital Voltmeter : 0-300Volt, Digital Ammeter: 0-2Amp, Variac : 0-230 V, 2 A, Digital Temperature Indicator: 0-300C, with multi-channel switch, On off switch, Mains Indicator etc • Overall Dimensions: (L x B x H) 1000 x 400 x 900 mm • Painted rigid MS structure is provided to support all parts • Operating/instruction manual consisting of experimental procedure, block diagram etc. and sample calculations should to be provided along with the documents. • The company should also mention the list of experiments etc. possible with this equipment for the students and it should have proven track record of supplying such equipments to premier institutions. The company can also provide client list with PO copies. 		01		

Sr. No.	Description / Specification	Make	Approx. Qty. Req.	Rate per Unit	Remarks
2.	<p>Experimental water cooling tower :</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Tower: Material Stainless Steel Cross-Section 150x 150mm, Height 750 mm • Packing: Expanded wire mesh • Air Circulation: FHP blower, Arrangement is done to vary the air flow rate. • Air flow measurement: Pitot tube with manometer • Hot Water Tank: Material Stainless Steel, Double wall, insulated with ceramic fiber wool with Nichrome wire heater • Hot Water Circulation: Magnetic Pump made of Polypropylene to Circulate hot Water. Maximum working temperature is 75°C. • Rotameter: To vary & measure the flow rate of hot water • Temp. Measurement: RTD PT-100 type Temp. Sensors 6 Nos • Control panel: Digital Temperature Indicator: 0-199.9°C, with multi-channel switch Digital Temp. Controller 0-199.9°C for water bath, On/off switch, Mains Indicator etc. • Painted rigid MS structure is provided to support all parts • Operating/instruction manual consisting of experimental procedure, block diagram etc. and sample calculations should to be provided along with the documents. • The company should also mention the list of experiments etc. possible with this equipment for the students and it should have proven track record of supplying such equipments to premier institutions. The company can also provide client list with PO copies. 		01		