



Dr. Babasaheb Ambedkar Technological University,

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

Our Ref No.: DBATU/Store/Chemistry/Equipments/2020/1798 Date: 09/12/2020

Quotation for Chemistry Lab Equipments

Due On: 30/12/2020

Date of Opening: 31/12/2020

Time: 03:00 pm

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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 30/12/2020.

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	<p>pH Meter</p> <p>Rang: pH: 0 to 14.00 mV: 0 to ± 1.999 Resolution: pH: 0.1 mV: 1 Accuracy: pH: ± 0.02 pH ± 1 least count mV: $\pm 0.2\% \pm 1$ least count Temp. comp.: 0 to 100°C Power required: 230 V AC $\pm 10\%$ 50 Hz, 4 VA Warming time: 5 minutes Electronic buffer: Equivalent signal output of ideal electrode in solution of 9.20, 7.00, 4.00 pH. Useful for self-diagnostic. Electrode: Combined PVC sleeved Stirrer speed: 500 RPM fixed.</p>		02		



	<p>Accessories: Stand set, Electrode Clamp, Rod, Patch cord for Electronic buffer, Teflon magnet ,Buffer tablets for 9.20, 7.00, 4.00 pH, Screwdriver and Dust proof cover Dimension: 90 mm (H) x 225 mm (W) x 220 mm (L) Weight: 1 Kg (3pprox..)</p>			
02	<p>Conductivity Meter</p> <p>Readout: 4 digit LED display Unit of meas: SIEMENS (MHO) Ranges: 01μS to 200 mS in six auto ranges Six ranges: 200 mS, 20mS, 2mS, 200 μS, 20 μS, 2 μS Accuracy: $\pm 1\% \pm$ last 2 digits Power required: 230 V AC $\pm 10\%$, 50 Hz, 6 VA Power: Works on mains.(230v ac) Dimension: 90 mm (H) x 225 mm (W) x 220 mm (L) Weight: 1kg (Approx.) Warming period: 5 minutes Standard cond: Conductance of 1.000 mS Electrode: Cell K = 1 - PVC sleeved unbreakable</p>		02	
03	<p>Abbe Refractometer</p> <p>Range Refractive index nD :1.3000-1.7000, Measurement range dissolved solids Brix: 0-100% Accuracy refractive index nD:$\leq + 0.0002$, Accuracy Dissolved Solids Brix:$+ \leq 0.1\%$ Temperature Resolution:0.1$^{\circ}$C Temperature Range (Min 0.1$^{\circ}$C):0.-50$^{\circ}$C Correcting Range of Brix Versus Temperature:15-45$^{\circ}$C Usage Temperature Range:Ambient to 35$^{\circ}$C Interface: RS232 Dimensions (mm) WxDxH:370x240x470 Power Supply:220V / 50Hz</p>		01	
04	<p>Flame Photometer</p> <p>Readout:4 digit LED display Stability: ± 3 Last digits Resolution: ± 0.1 PPM Detector: Photo Cell Compressor: Compressor fitted in a separate box with meter and control valve Flame System: S.S. burner, with LPG and dry oil free air. The fine control is achieved by off-center valves using German technology Power required:230 V $\pm 5\%$</p>		01	

Handwritten signature

05	<p>Weight:4 Kgs. (approx.) Body: M.S. Powder Coated Dimension:270 mm(H) x 310 mm(D) x 350 mm(L) Filters: Na, K, Ca, Li, provided. Sample Qty:10 ml for stable flame Aspiration Rate:10 ml per</p> <p>Specification of Heating Mantle Body: Made of Aluminium Alloy Material: Glass Fibre Yarn Capacity: To hold standard Round Bottom Flasks upto 20000ml Temperature Range: Approx. 400°C Heating Control: Electronic power regulator Permissible Ambient Temperature: 5 – 40°C Permissible relative moisture: 80% IP Class: 10</p>		01		
06	<p>Specification of colorimeter.</p> <p>Readout:3 digit LCD display Ranges:0 - 100% in Transmittance Mode and 0 - 1.99 in Absorption Mode (O.D.) Accuracy:± 1% in %T & ±0.01 in OD Warming time:5 minutes Power:230 V AC ± 10% 50 Hz, 4 VA Weight:1 Kg (4approx..) Body:ABS Dimension:90 mm (H) x 225 mm (W) x 220 mm (L) Accessories:5 matched square cuvette and Dust proof cover Filters:Turret mounted sharp filters (400, 420, 470, 500, 530, 620, 660, 700 nm)</p>		01		

Handwritten signature/initials in blue ink.



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

Our Ref No.: DBATU/Store/Chemistry/Chemicals/2020/179+

Date: 09/12/2020

Quotation for Chemistry Lab Chemicals

Due On: 23/12/2020

Date of Opening: 24/12/2020

Time: 11:00 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 23/12/2020.

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.
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Thanking You.

Yours faithfully,

3/09/2020
Registrar

Dr. Babasaheb Ambedkar Technological University, Lonere

List of Items

Sr.No.	Name of chemicals	CAS. No.	Weight \ Volume	Aproximate Quantity required
1	Acetone	67-64-01	2.5lit	2
2	Ammonia(liquid)	1336-21-6	2.5lit	1
3	Ammonium Chloride	10378-47-9	500gm	1
4	Ethyl alcohol		1 lit	2
5	Ethylene diaminetetracetic acid	60-00-4	500gm	1
6	Hydrochloric Acid	7647-01-0	2.5lit	2
7	Isopropyl alcohol		2.5lit	1
8	Manganese(ii) Sulphate	1004-96-5	500gm	1
9	Nitric acid	7697-37-2	2.5lit	1
10	Potassium Chromate	7789-00-6	500gm	1
11	Potassium Permagnet (AR)	7722-64-7	500gm	2
12	Silver Nitrate	7761-88-8	25gm	2
13	Sodium Acetate	127-09-3	500gm	2
14	Sodium Azide	26628-22-8	100gm	2
15	Sodium Iodide	7681-82-5	250gm	1
16	Sodium Hydroxide (Pellets)	1310-73-2	500gm	2
17	Sodium Thiosulphate	10102-17-7	500gm	2
18	Starch (Potato)	9005-84-9	500g	1
19	Sulphuric acid	7664-93-9	2.5ml	2
20	Triethanolamine	75-50-3	500ml	1
21	Ethyl acetate	141-78-6	500ml	4
22	n-Hexane	110-54-3	500ml	4
23	Ether		1 lit	2
24	Calcium Carbonate	471-34-1	500gm	1

11/2/2020