



**DIRECTORATE OF TECHNICAL EDUCATION
MAHARASHTRA STATE,**

3, Mahapalika Marg, Post Box No.1967, Mumbai 400 001.

Tel : 022-68597470, 68597431 Fax : 22692102, 22690007

E-mail:- desk11@dt Maharashtra.gov.in Web:- http://www.dtemaharashtra.gov.in

No: 11/DTE/State/QE-6/2019-20/372

Date: 20/09/2019

Invitation for quotation

Sealed quotations are invited from manufacturers/ their authorised suppliers for supply of the following equipments/machinery to the respective institutes under this Directorate. The quotation in specified format, along with necessary supporting documents should be sealed in an envelope and submitted to this office on or before the prescribed time and date mentioned in this invitation letter.

Separate quotations are to be submitted for each of the items mentioned below and such envelope must be super scribed with enquiry number and date & time of submission of the quotation for that item.

S.No	Enquiry Number	Name of item*	Qty.	Consignee	Estimated cost/unit (Rs)
1	11/DTE/State/QE-6/15/2019-20	Digital flame photometer	01	Govt. Polytechnic, Kolhapur	40,000/-
2	11/DTE/State/QE-6/16/2019-20	Core Hardness Tester	02	Govt. Polytechnic, Nagpur, Kolhapur	10,000/-
3	11/DTE/State/QE-6/17/2019-20	Mould Hardness Tester	01	Govt. Polytechnic, Nagpur	10,000/-
4	11/DTE/State/QE-6/18/2019-20	Universal Sand Strength Machine HYDRAULIC TYPE	02	Govt. Polytechnic, Nagpur, Kolhapur	50,000/-
5	11/DTE/State/QE-6/19/2019-20	Ultrasonicator	01	Govt. Polytechnic, Kolhapur	55,000/-

Last date for submission of above quotations to this office is 27th September, 2019 till

1.00pm*Technical specifications are given in Annexure I of this document.

Instructions to bidders and Terms & Conditions

1. The quotations must be submitted in sealed envelope, in prescribed format with details of enquiry super scribed on envelope.
2. The quotations must be submitted in the drop box kept in Desk11 of this office on or before the 1.00pm, **27th September, 2019**. Quotations will be opened at 2.00pm on the same day.
3. The quotations must be supported by necessary technical literature, and other documents as mentioned in this document.
4. The bidder must not be a defaulter to any Government authorities and must not have been black listed/debarred from supplying goods.

5. The bid must be for all inclusive prices of the goods. It must include all taxes and levies, transportation charges, freight etc and for warranty of 2 years from the date of installation.
6. Delivery to the consignee has to be effected within 4-6 weeks from the date of issue of purchase order.
7. Rates quoted should be valid for 90 days from the last date of submission of offer.
8. The bidder will have to provide a performance bank guarantee to cover the period of warranty. Bank guarantee shall be of 3% amount and to be provided to the consignee.
9. The bid offer must comply with all technical requirements of the user department/consignee. Mere quoting of lowest price will not be the criteria for award.
10. The bidder must quote PAN number and GST Registration number.
11. The consignee will make payment for the goods received by way of RTGS/NEFT/ECS , so the supplier will have to provide bank details to the consignee.
12. Payments will be done only after delivery, successful installation and working trial at the consignee's place. Advance payments will not be done. All payments will be done by the respective consignee only.
13. This office may call for additional documents and/or information required for processing the bids.
14. This office reserves the right to reject any or all bid offers, without assigning any reason(/s), thereof.
15. List of documents to be attached

S.No	Type of document to be attached in bid offer
1	covering letter with details of bidders, address, telephone number, mobile number, email ID, name , signature and seal
2	type of business entity :- manufacturer/authorised dealer, any others (to be specified) relevant document obtained from Concerned Govt agency like DIC, NSIC, Municipal Corporation etc
3	PAN card photocopy
4	sales tax /VAT /GST TIN number
5	offer letter on bidders letterhead stating make and model quoted, (THIS OFFER LETTER SHOULD BE SEPARATE FROM OTHER DOCUMENTS mentioned herein)
6	authorization from manufacturer regarding support during bidding process and warranty period, in case the bidder is not a manufacturer
7	technical literature of item quoted
8	price quote along with taxation, inclusions and exclusions, if any.
9	undertaking from the bidder that the bidder has not been black listed or debarred from supplying previously
10	undertaking about compliance of terms and conditions mentioned in this quotation.
11	Bill of material / Bill of quantity (BoM/BoQ/Packing list)
12	List of Previous user's of this item User List along with contact details for verification, if required

sd/-
(Dr.Abhay Wagh)
Director,
Technical Education, M. S., Mumbai

Annexure I

Technical specifications

S.No	Enquiry No /Name of item/Specifications																				
1	<p>Enquiry number :- 11/DTE/State/QE-6/15/2019-20</p> <p>Item name :-Digital flame photometer</p> <p>Product Description&Technical specification</p> <p>Digital Flame Photometer will be used for the determination of sodium, potassium, calcium and lithium. It must use the latest digital or microcontroller technology and advanced engineering techniques so as to give enhanced and reproducibility. They have soft touch membrane key for ease of operations.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 25%;">Filters</td> <td>Na, K, Ca, Li (Narrow band interference glass filters)</td> </tr> <tr> <td>Detector</td> <td>Silicon Photodiode</td> </tr> <tr> <td>Flame System</td> <td>LPG and dry oil free air</td> </tr> <tr> <td>Ignition System</td> <td>Auto Ignition</td> </tr> <tr> <td>Range</td> <td>For Na, K 0-100 ppm, For Ca 10 - 100 and, For Li 20 - 100 ppm</td> </tr> <tr> <td>Sensitivity</td> <td>For Na And K 5 ppm, for Ca & Li 10 ppm</td> </tr> <tr> <td>Accuracy</td> <td>+/- 2 % upto 40 ppm And +/- 5 % above 40 ppm</td> </tr> <tr> <td>Air Supply</td> <td>By oil free mini compressor unit with pressure regulator</td> </tr> <tr> <td>Nebulizer</td> <td>Black Bakelite, Axial Flow type</td> </tr> <tr> <td>Warm Up Time</td> <td>10 Minutes</td> </tr> </table>	Filters	Na, K, Ca, Li (Narrow band interference glass filters)	Detector	Silicon Photodiode	Flame System	LPG and dry oil free air	Ignition System	Auto Ignition	Range	For Na, K 0-100 ppm, For Ca 10 - 100 and, For Li 20 - 100 ppm	Sensitivity	For Na And K 5 ppm, for Ca & Li 10 ppm	Accuracy	+/- 2 % upto 40 ppm And +/- 5 % above 40 ppm	Air Supply	By oil free mini compressor unit with pressure regulator	Nebulizer	Black Bakelite, Axial Flow type	Warm Up Time	10 Minutes
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5	<p data-bbox="414 174 987 205">Enquiry number :- 11/DTE/State/QE-6/19/2019-20</p> <p data-bbox="414 226 732 258">Item name: - Ultrasonicator</p> <p data-bbox="414 279 932 310">Product Description&Technical specifications</p> <p data-bbox="414 348 553 380">Features:</p> <ul data-bbox="448 390 1218 737" style="list-style-type: none"> • Powerful chiller to keep the samples cool / chilled. • Dissolved, disperse & emulsify samples. • Degassing the Sample Solution. • Application Laboratory Sonicator, Scientific Sonicator, Ultrasonic Sonicator Bath. • Micro Controller base Digital Timer & Digital Temp. Controller. • With latest MOSFET base technology • Capacity 6Liters • Temperature 5C to 60C • Size Regular • Phase Single Phase • Automatic Grade Automatic <p data-bbox="448 751 574 783">Specification</p> <table border="1" data-bbox="526 793 1109 1108"> <tbody> <tr> <td>Type</td> <td>Air-Cooled</td> </tr> <tr> <td>Cooling Air Flow (in m³/h)</td> <td>2</td> </tr> <tr> <td>Capacity</td> <td>6 Litre Minimum</td> </tr> <tr> <td>Product Dimensions(cm³)</td> <td>20x20x15 Approximately</td> </tr> <tr> <td>Temperature Range (°C)</td> <td>5-60</td> </tr> <tr> <td>Automatic Grade</td> <td>Automatic</td> </tr> <tr> <td>Weight</td> <td>50 Approximately</td> </tr> <tr> <td>Phase</td> <td>Single Phase 230V, 50Hz</td> </tr> </tbody> </table>	Type	Air-Cooled	Cooling Air Flow (in m ³ /h)	2	Capacity	6 Litre Minimum	Product Dimensions(cm ³)	20x20x15 Approximately	Temperature Range (°C)	5-60	Automatic Grade	Automatic	Weight	50 Approximately	Phase	Single Phase 230V, 50Hz
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