

Gujarat University
Navrangpura, Ahmedabad - 380 009, India



Website : www.gujaratuniversity.ac.in

Tender Number : GU061_2017_18

**Online e-Tender document for the purchase of Scientific Equipments
For Department of Biochemistry and Forensic Science,
Gujarat University.**

Gujarat University, Ahmedabad (GU) invites online e-tender for **Supply of “Scientific Equipments” from renowned manufacturer as per details and specifications shown in the Annexure-I.**

Following are important details:

Event / Items	Details / Dates
Estimated Cost the Equipments (Approx.)	Rs. 35,00,000/- (Rs. Thirty Five Lakhs only)
Tender Fee (Non-Refundable)	Rs.5,000/- (Rs. Five Thousand only)
Earnest Money Deposit (EMD)	Rs. 35,000/- (Rs. Thirty Five Thousand only)
Tender Document Downloading Starts from	25-May-2017
Last Date for downloading Tender documents and submitting Online Offers	05-Jun-2017 18.00 Hrs.
Last Date for Submitting Physical Documents of Tender including DDs and Supporting Documents to The HoD, Department of Biochemistry and Forensic Science, University School of Sciences, Gujarat University, Ahmedabad - 380009	06-Jun-2017 14.00 Hrs.
Period of Completion	120 days.
Validity of the Prices	120 days.
Opening of Tender Technical Documents	07-Jun-2017 15.00 Hrs.
Contact Phone Number	+91 - 79 - 2630 0435

**Please note that Commercial offer MUST be submitted in the ONLINE form only.
Do not quote prices in the Hard Copy Submitted.**

Important Terms and Conditions:

1. If the supplier/firm is manufacturer/authorized dealer/sole distributor of any item, the Certificate to this effect should be attached.
2. a) The “Technical offer” should include the detailed specifications of main Item/equipment and its accessories. All items should be numbered as indicated in the **Annexure-I**.
- b) The one part of the offer should be placed in separate sealed envelope clearly marked “**Technical Offer**”. This includes DDs for tender fee and EMD, all Supporting Documents and should be super scribed with tender number, name of the equipment and tender due date.
- c) The bidder may download the tender document from the University website www.gujaratuniversity.ac.in or www.nprocure.com
3. Fax and Email quotations are not acceptable.
4. Quotations should be valid for the time specified in this tender. The quotation should clearly indicate the period of delivery, warranty terms etc. **A minimum of three years warranty is required** from the date of commissioning.
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Technical Offer, wherever applicable.
6. The Suppliers should submit copies of suitable documents in support of their reputation, credentials and past performance about the product/equipment which they have supplied to premier educational Institution(s). Without these documents the tender may be rejected by the University.
7. The tender document must be accompanied by copy of PAN, Certificate of firm/company registration, TIN/VAT registration (Sales tax) and service tax registration.
8. The quantity shown against each item is approximate and may vary as per demand of the Gujarat University, Ahmedabad at the time of placing order.
9. The vendor must be able to provide the product/items within specified time period as prescribed in the Purchase Order. failing which the

EMD will be forfeited. Furthermore on completion of the stipulated time period, Purchase Order will be cancelled and award will be given to another qualified bidder with the negotiated terms & conditions.

10. Imported supplies should be delivered by air and quoted for CIP, Ahmedabad. Gujarat University prefers the Insurance of the consignment from the vendor's warehouse to Department of Biochemistry and Forensic Science, School of Sciences, Gujarat University, Ahmedabad.
11. For Import purchase
In case of payment through Letter of Credit (LC), 90% (Ninety Percent) of the payment will be released after completion of the supply/delivery. The balance 10% (Ten Percent) of the payment will be released after satisfactory installation and commissioning of the item/equipment and submission of performance bank guarantee.

For indigenous purchase 'Advance Payment' is not allowed in any case. 100% payment will be released after completion of the supply/delivery, successful installation, commissioning and submission of performance bank guarantee.

12. Gujarat University, Ahmedabad is exempted from payment of Excise Duty and is eligible for concessional rate of Custom Duty. Necessary certificate will be issued on demand. The bidders will have to make all necessary arrangements for the clearance of imported goods. Hence, the price should include these charges, if any.
13. In the event of any dispute or difference(s) between the vendee Gujarat University, Ahmedabad and the vendor(s) arising out of non-supply of material or supplies not found according to the specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to the concerned authority of Gujarat University, Ahmedabad who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act 1996. The decision of the arbitrator shall be final and binding on both the parties.
14. All disputes including arbitration (if any) shall be subject to Ahmedabad jurisdiction only.
15. Gujarat University, Ahmedabad reserves the rights to accept/reject any offer in full or in part or accept any offer other than the lowest offer without assigning any reason thereof. Any offer containing incorrect and incomplete information shall be liable for rejection.
16. Only those financial offers will be opened whose technical offers are found suitable and recommended by the expert committee appointed for the concerned instruments/equipments. No separate information shall be given to individual bidders. The Departmental Committee reserves its right to select or reject any or all of the items/equipments mentioned above without assigning any reasons.
17. In case the supplier requires any elucidation regarding the tender documents, they are requested to contact to The HoD, Department of Biochemistry and Forensic Science, Gujarat University, Ahmedabad - 380009

18. A demand draft from the Nationalized Bank / Scheduled Bank of non-refundable Tender fee (for entire tender) and EMD should be drawn in favour of “The Registrar, Gujarat University” payable at Ahmedabad.

The EMD of the successful bidder will be returned to them without any interest after completing the successful installation. The earnest money of unsuccessful bidders will be returned to them without any interest.

19. The Gujarat University reserves the right to consider or reject any or all tender.

20. **Pre - Qualification Criteria:**

Authorization: The bidder(s) should be the Manufacturer/Authorized/Licensed dealer. ‘Letter of Authorization’ from Original Equipment Manufacturer (OEM)/Principal on the same and specific to this tender should be enclosed. **An undertaking from the Original Equipment Manufacturer (OEM) is required stating that they would facilitate the bidder on a regular basis with technology/product updates and extend support for the warranty as well.**

21. **Performance Guarantee Bond:**

a. Performance Guarantee Bond is mandatory.

b. Successful supplier/firm should submit performance guarantee as prescribed and to be received in the office of The Director, Department of Physics, University School of Sciences, Gujarat University, Ahmedabad – 380009, before the date of commencement of supply or 30 days from the date of acceptance of the purchase order, whichever is earlier. The performance guarantee bond to be furnished in the form of Bank Guarantee as per given proforma of the tender documents, for an amount covering 5% of the value of quantity of material on landed cost basis.

c. The Performance Guarantee should be established in favor of “**The Registrar, Gujarat University, Ahmedabad**” through any Nationalized Bank/Schedule Bank Situated at Ahmedabad with a clause to enforce the same on their local branch at Ahmedabad.

d. Validity of the performance guarantee bond shall be for a period of entire warranty period from the date of issue of installation and commissioning certificate.

22. **Delivery:** The item/equipment should be delivered and installed at the respective Department within the period as specified in the purchase order and be ready for use within two weeks of delivery unless otherwise prescribed.

23. **Penalty:** If the suppliers fails to deliver and place any or all the Equipment or perform the service by the specified date, penalty at the rate of 1% per week of the total order value subject to the maximum of 10% of total order value will be deducted.
24. **Training:** Supplier needs to provide adequate training at the respective Department of University School of Sciences, Gujarat University, Ahmedabad to the nominated person by Gujarat University, Ahmedabad at supplier cost.
25. **Installation & Warranty Declaration:** Suppliers must give the comprehensive onsite warranty including spares and labour as required from the date of successful installation of item/equipment against any manufacturing defects.

Installation must be done within stipulated time period from the date of delivery of the item/equipment as specified in the purchase order.

Any deviation in the material and the specifications from the accepted terms may liable to be rejected and the suppliers need to supply all the goods in the specified form to the satisfaction / specifications specified in the Purchase order and demonstrate at the their own cost.

26. **Address for Communication:**

The HoD,
Department of Biochemistry and Forensic Science,
University School of Sciences,
Gujarat University, Ahmedabad - 380009
Contact: +91 79 2630 0435

(**Note:** Physical documents of tender should be submitted to the above mentioned office only and **NOT** to The Registrar's office or any other office of The University.)

Sd/-
Registrar
Gujarat University,
Ahmedabad – 380 009,
Gujarat, India.

Following is the brief specification of equipments to be procured :

1. Specification for Multimode Micro plate Reader (Quantity=1)

A micro plate reader capable of using atleast five different mode of signal detection. The mode of detection should include UV, VIS, fluorescence, luminescence and time-resolve fluorescence. Should have a combination of Combination of Spectrometer based detection system for ABSORBANCE and Filter based detection for FLUORESCENCE to allow maximum sensitivity in respective measurements. The Measurement Modes should include: Endpoint and Kinetic measurements, Sequential Multi Excitation measurements, Ratiometric measurements, well Scanning, Top and bottom readings with software based auto-switching. The reader should have provision to accommodate micro plate capacity 6 to 384 & 1536-well format, Well-scanning-Multiple measurements in each well with 30 x 30 data points, Template manager for transferring standards, building complex data processing protocols and using default templates. It should provide Versatile kinetic software features for endpoint, long-term and fast kinetic measurement and Real-time kinetic monitoring.

The advanced spectrometer should have features of wavelength selection, Xenon flash lamp as source, should have CCD array/photo detector as detection system. The spectral wavelength should be from 220-1000nm with spectral resolution of 1 nm, 2 nm, 5 nm and 10 nm. The OD range should be from 0-4 with accuracy <1%, precision <0.5% and the scan speed should be at least <3 sec/well.

In Fluorescence Mode, it should detect in the range of 240 to 740 nm, should be filter based for higher sensitivity. Minimum SIX excitation and SIX emission filters should be available on board (within the system) for doing multiplex fluorescence assays. Should have Xenon Flash lamp as light source and Side window photomultiplier tube (PMT) as detector.

The sensitivity of the mode should be as follows:

FI < 0.2 fmol/well Fluorescein (Top and Bottom)

TRF < 30 amol/well Europium

FP < 5 mP standard deviation at 1 nM Fluorescein

Read Times: < 10sec for 96 well plates and < 16 sec for 384 well plate

In case of the Luminescence Mode: It should detect in the range of 240 - 740 nm wavelength with Side window photomultiplier tube (PMT) at a minimum sensitivity of < 20 amol/well ATP, DL Ready certified. Should have provision for TWO on board Reagent Injectors for Flash luminescence assays / time critical assays. Should be possible to define individual injection volumes for each well (3 to 300 μ L) and in to all plate formats (6 to 384-well), capable of programing variable injection speed up to 420 μ L / s, provision for On-board shaking with modes like Linear, orbital, and double-orbital with user-definable time and speed, it should provide on-board incubation facility with a temperature range from +5°C above ambient up to 45°C.

The system should provide with low Volume measurement plate for DNA/RNA/Protein samples with 16 samples position and a cuvette.

All requisite software should be provided as a License-free software package -Reader Control and Data analysis, the user friendly Software with limitless possibilities for test set up/data analysis, Fully compliant with FDA regulation 21 CFR Part 11, Path length correction, Standard Curve, Well Scanning (multiple points per well), up to 4 kinetic windows, real Time Kinetic display window, Should be supplied with Computer with specification of Intel i3 processor, 4GB RAM, 500 GB Hard drive, DVD writer, Optical mouse, Keyboard, 18-19" TFT/LCD monitor, Windows 7 /8.1/10 Suitable rating UPS, 1 hour battery backup and Stabilizer. The quote should include a comprehensive AMC for 5-years subject to negotiation.

2. Specification for Real Time PCR System (Quantity=1)

The system should be an automated system for both real time PCR and post PCR analysis. It should have a Peltier based PCR machine to accommodate 96-well plate for operation. The excitation source should be multiple LED's and detection should be photodiode. The Hardware must offer Peltier based thermal cycling for fast PCR (at least 40 cycles in 42 minutes), The system should have temperature range of 25-99.9°C with accuracy of 2oC, The system should have peak block ramp rate for heating and cooling of 4.5°C or more. The system should support minimum reaction volume of 10 μ L and offer a sensitivity of 10 logs of linear dynamic range. The system should not require reference dye and capable of auto calibration. Scan time for each channels should be 2 sec or less. Instruments preferably should have easily-changeable optics cartridges for genotyping via high resolution melt, gene-expression analysis and variety of complex research applications. Should have an on-board diagnostic system capable for a quick pre-tested a comprehensive test. The on-board diagnostics should pinpoint potential problem points before they become serious. It must have touch screen system as additional feature including interface to connect to additional PC or laptop if needed. It should have at least 2 USB ports and storage of 5GB or more. The system should come with license free software including other user friendly software and kits i.e High Resolution Melting Curve Analysis Software. Should provide reagents for HRM Applications. The system must offer pre-programmed assays for easy selection of calibrators, normalizers and sample associations. The system must offer multiple customizable data analysis algorithms. The software must enable export of raw data in multiple formats. The system should come along with software to support applications like absolute quantitation, RQ, multiplex PCR, Melt

curve analysis, pathogen detection and plus minus assays. The system must be open to all chemistries including SYBR, Probe and HRM, The system must offer multiplexing capabilities, excluding the internal passive reference dye. The system must be flexible to be used with 96-well plates, strips of 8 or individual tubes.

Note: The bidder should provide a comprehensive AMC for 5-years subject to further negotiation.

Form A
PARTICULARS TO BE FILLED BY THE BIDDER

1. Name of the Supplier:
2. Complete Address of the Supplier:
3. Availability for demonstration of instruments at Gujarat University, Ahmedabad: Yes/No [Please √]
4. Cost of the Tender enclosed: Yes/No [Please √] If yes,
 - a.) Name of the Bank _____
 - b.) Amount in (Rs.) _____
 - c.) Demand Draft No. _____
5. Earnest Money Deposit enclosed: Yes / No [Please √] if Yes,
 - a.) Name of the Bank _____
 - b.) Amount in (Rs.) _____
 - c.) Demand Draft No. _____
 - d.) Last Validity date of the enclosed DD _____

6. Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry. [NOTE: Any changes after submission of Tender documents kindly update Gujarat University, Ahmedabad]

a.) Full Name:

b.) Complete Postal Address:

c.) Telephone No.:

d.) Fax No.:

e.) Mobile No.:

f.) E-mail:

g.) Website Address:

Note : Demand Drafts must be complied with CTS 2010 standards prescribed by Reserve Bank of India.

PARTICULARS FOR PERFORMANCE GUARANTEE BOND

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of Two Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONALISED BANKS (WHETHER SITUATED AT AHMEDABAD OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT AHMEDABAD. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT ACCEPTED.)

To,
The Registrar
Gujarat University,
Ahmedabad - 380 009.

LETTER OF GUARANTEE

WHEREAS Gujarat University, Ahmedabad (Buyer) have invited Tenders vide Tender No..... Dt..... For purchase of AND WHEREAS the said tender document requires the supplier/firm (seller) whose tender is accepted for the supply of instrument/machinery, etc. in response thereto shall establish an irrevocable Performance Guarantee Bond in favor of “ **The Registrar, Gujarat University, Ahmedabad**” in the form of Bank Guarantee for Rs. [5% (five percent) of the purchase value] which will be valid for entire warranty period from the date of installation & commissioning, the said Performance Guarantee Bond is to be submitted within 45 (Fourty Five) days from the date of Acceptance of the Purchase Order.

NOW THIS BANK HEREBY GUARANTEES that in the event of the said supplier/firm (seller) failing to abide by any of the conditions referred to in tender document/purchase order/performance of the instrument/machinery, etc. this Bank shall pay to Gujarat University, Ahmedabad on demand and without protest or demur Rs (Rupees.....).

This Bank further agrees that the decision of Gujarat University, Ahmedabad (Buyer) as to whether the said supplier/firm (Seller) has committed a breach of any of the conditions referred in tender document/purchase order shall be final and binding.

We, (Name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the supplier/firm (Seller) and/or Gujarat University, Ahmedabad (Buyer).

Notwithstanding anything contained herein:

- a. Our liability under this Bank Guarantee shall not exceed Rs..... (Indian Rupees only).
- b. This Bank Guarantee shall be valid up to(date) and
- c. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if Gujarat University, Ahmedabad serve upon us a written claim or demand on or before..... (date).

This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at

(Address of local branch).

Yours truly,
Signature and seal of the guarantor:
Name of the Bank:
Complete Postal Address:
Date: