



**E - Tender No: GUSEC/TBI/EQP/19/03/TND01**

**FOR SUPPLY OF  
BENCHTOP HIGH THROUGHPUT  
NEXT GENERATION SEQUENCING SYSTEM**

Tender Processing Fee: Rs. 10,000.00 (Rs. Ten Thousand only)

**Submitted By:**

Dr. Rakesh Rawal, Director, GUSEC

**Application Submission Address**

**Gujarat University Startup and Entrepreneurship Council**

GUSEC West Wing, University School of Sciences,  
Gujarat University, Navrangpura Ahmedabad 380009  
Email: [contact@gusec.edu.in](mailto:contact@gusec.edu.in) | Tel.: +91-79-26308576

## Tender Notification

The Board of Gujarat University Startup and Entrepreneurship Council (GUSEC), invites e-tender offers in Two-Bid format from eligible, reputed manufacturers for **major and minor analytical equipment for the Technology Business Incubator (TBI) at GUSEC**, Gujarat University, Ahmedabad, as per the specifications mentioned in this Tender Form. E-Tender form document may be downloaded from n-Procure website ([www.nprocure.com](http://www.nprocure.com)) or GUSEC website ([www.gusec.edu.in](http://www.gusec.edu.in)) by any interested eligible bidders.

### Important dates and details are given below:

<b>Tender Reference</b>	GUSEC/TBI/EQP/19/03/TND01
<b>Name of the Project</b>	Purchase of Benchtop high throughput Next Generation Sequencing System with complete automation in extraction, and capillary based detection system for quality check and quantitation of nucleic acid
<b>Approximate Cost</b>	Rs. 3 Crore (Approx. Three Crores only)
<b>Tender Processing Fee (Non-Refundable)</b>	Rs. 10,000/- (Ten Thousand only)
<b>Earnest Money Deposit (EMD)</b>	Rs. 3,00,000/- (Three Lakhs only)
<b>Delivery Period</b>	4-8 weeks
<b>Publication and Downloading of tender document starts from</b>	March 13, 2019 (Wednesday)
<b>Last Date for downloading of tender documents</b>	March 20, 2019 (Wednesday) 1700 hrs IST
<b>Last Date for online submission of prices through n-Procure</b>	March 20, 2019 (Wednesday) 1700 hrs IST
<b>Last Date for submitting physical Tender document, DDs and other documents</b>	March 22, 2019, 13:00 hrs at the Office of the CEO, GUSEC West Wing, University School of Sciences, Gujarat University, Ahmedabad-380009
<b>Date and Time of Opening of Technical Bid and Commercial Bid</b>	March 22, 2019, 16:00 hrs at the Office of the CEO, GUSEC West Wing, University School of Sciences, Gujarat University, Ahmedabad-380009
<b>Validity of quoted price</b>	06 months i.e. September 20, 2019
<b>GUSEC Website</b>	<a href="http://www.gusec.edu.in">www.gusec.edu.in</a>
<b>Contact Numbers</b>	Mr Ankit Dave - AVP, GUSEC 079-26308576 / 9033441185

## **GUSEC invites offers for the following equipment**

<b>No.</b>	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
1	Benchtop high throughput Next Generation Sequencing System with complete automation in extraction, and capillary based detection system for quality check and quantitation of nucleic acid	No.	1

(For Detailed specification kindly refer the technical note enclosed as Annexure A)

Detailed technical specifications, Various format and Proforma for submitting the tender are described in tender document and its **Technical Specification Note** enclosed as Annexure A.

### **Detailed Terms and Conditions**

#### **1. Eligibility of the Bidder:**

The bidder submitting the offer should have sound financial condition and should be having at least INR 5 crore annual turnover during the last five financial years. The Vendor must have experience of supplying goods / providing services in relevant / similar sectors for the last five years. The Vendor must also be the authorised seller for the company of which the equipment is being offered.

#### **2. Bidder Declaration for not Blacklisted:**

The Bidder should not be blacklisted/banned/declared having delivered dissatisfactory performance by any government/semi-government/educational authority for scientific equipment.

#### **3. Instructions to Bidders:**

The paper samples and other documents including original tender must be submitted in the given format, meeting all the requirements with page number, sign and stamp on every page submitted.

#### **4. Format for Offer:**

- Commercial rates and prices must be submitted online through Nprocure only. It is also important to submit the duly filled-in tender document (without commercial prices) along with DDs, supporting documents and Literature / catalogue in a sealed envelope at GUSEC by the due date as prescribed above.
- Separate DDs in favour of "Gujarat University Startup and Entrepreneurship Council" towards prescribed tender processing fee and earnest money deposit (EMD) must be enclosed with the sealed envelope as mentioned in this tender document. Offers received without DDs will be rejected.
- The Technical offer should be made in an organized, structured and neat manner. Client lists, equipment details/brochures/leaflets etc. should not be submitted in loose form. The suggested format for the technical offer is as follows:

- i. Index as per **Annexure G**
  - ii. Tender Processing Fee in the form of a DD as mentioned in the tender document.
  - iii. EMD by way of separate DD as mentioned in the tender document.
  - iv. Details of DD as per **Annexure B**, on the letterhead of company.
  - v. Covering letter. This should be as per **Annexure-C**, on the letterhead of company.
  - vi. Undertaking by Bidder as per **Annexure - F** to be printed on Rs. 100/- stamp paper and notarized
  - vii. Details of the bidder as per **Annexure-D** on the letter head of company.
  - viii. Checklist for Technical Specification as per **Annexure-E** on the letter head of the company
  - ix. Copies of Purchase Orders and client information should be attached.
  - x. Incorporation Document such as certification of company registration, Certificate of GST Registration and PAN, Income Tax Return of last 3 financial years, A Copy of last GST filed, audited Annual Reports, copy of first page of bank passbook, CA certified turnover certificate and other supporting documents, as asked for in the tender document.
  - xi. Copy of Letter of Authorization as seller for this equipment
  - xii. The original tender document duly filled in as required.
- Commercial offer should **NOT BE** included in the hardcopy documents submitted to GUSEC. Bidder should put Page Numbers and Signature with stamp of authorized person on each page of all papers submitted.

#### **5. Documentation:**

The relevant paper samples with proper identification etc. should be submitted along with the offer.

#### **6. Address for Communication:**

**The Group CEO,**  
Office of the CEO, GUSEC West Wing,  
University School of Sciences, Gujarat University, Ahmedabad-380009  
Email: [contact@gusec.edu.in](mailto:contact@gusec.edu.in) | Tel.: +91-79-26308576

#### **7. Costs & Currency:**

All offers should be in Indian Rupees (INR) only including cost of the equipment, Packing and Forwarding, Freight, Transportation, Door Delivery, Installation, Insurance, Goods and Service Tax (GST as per government rules) and any other applicable taxes, cess and duties. Further, the bidder shall be liable to pay for the

indirect taxes which are levied by the government in future. GUSEC shall not pay any taxes separately.

**8. Non-transferable offer:**

This tender is not transferable. Only the bidder who submits the hard copy technical bid and online financial bid will be issued the purchase/work order and payment will be made to that bidder only.

**9. Offer validity Period:**

The offer should hold good for a period of six months specified in this tender.

**10. Tender Scrutiny:**

Gujarat University Startup and Entrepreneurship Council (GUSEC) will scrutinize the offers received to determine whether they are complete as per tender requirement, whether technical documentation as asked for and necessary to evaluate the offer has been submitted, whether the documents have been properly signed and whether all required support documents are submitted. Offers not meeting the qualification criteria will be rejected.

Gujarat University Startup and Entrepreneurship Council (GUSEC) may, at its discretion, waive any minor non-conformity or any minor irregularity in the documents. This waiver shall be binding on all the bidders and Gujarat University Startup and Entrepreneurship Council (GUSEC) reserves the right for such waivers.

**11. Clarification on Offers received:**

To assist in the scrutiny, evaluation and comparison of technical details, Gujarat University Startup and Entrepreneurship Council (GUSEC) may, at its discretion, ask some or all the bidders for clarifications on the documents. The request for such clarifications and the bidder response will necessarily be in writing or by e-mail communication.

**12. Evaluation Criteria:**

All Bidders will be first scrutinized for Qualification Criteria as mentioned in this tender based on the information provided by them, GUSEC will open Commercial offers of only those bidders who are eligible as per these qualification criteria. The decision of GUSEC in the scrutiny of bids shall be final. No correspondence will be entertained in this regard. The selection of successful bidder will be based on the T/L1 of each item separately.

**13. No Commitment to Accept the Lowest or Any Offer:**

Gujarat University Startup and Entrepreneurship Council (GUSEC) is under no obligation to accept the lowest or any offer received in response to this tender and reserves its right to reject any or all the offers (part/full) including incomplete offers without assigning any reason whatsoever. Gujarat University Startup and Entrepreneurship Council (GUSEC) will not be obliged to meet and have discussions with any bidder and / or to entertain any representations.

**14. Fixed Price:**

The commercial offer shall be on a fixed price basis. Exchange rate variation during the validity period would not be considered in any case.

**15. Negotiation:**

It is absolutely essential for the bidders to quote the lowest price at the time of making the offer in their own interest, as GUSEC may not enter into any further price negotiations.

**16. Payment Terms:**

Gujarat University Startup and Entrepreneurship Council (GUSEC) will make the payment as per payment terms discussed after the work is sanctioned through a work or a purchase order.

**17. Delivery:**

The bidder shall be responsible to supply the equipment stipulated in the purchase/work order on door delivery basis. If the Bidder fails to deliver the required equipment within the stipulated time schedule, the same shall be treated as a breach of the bid offer. In such case, the University reserves its right to cancel the purchase/work order and forfeit the EMD without any notice.

**18. Liquidated Damages:**

If the Bidder fails in delivery of the equipment as per the terms of this tender, GUSEC shall be entitled to charge penalty/liquidated damages @ 0.5% of the order value per week or part thereof subject to a maximum of 10% of the order value. If it is delayed more than 08 weeks, the order may be cancelled at the discretion of GUSEC without any liability to GUSEC.

**19. Order Cancellation:**

GUSEC reserves its right to cancel the entire purchase/work order at any time by assigning appropriate reasons in the event of one or both of the following conditions:

- Delay in delivery beyond the specified period.
- Serious discrepancy noticed during the inspection.

In addition to the cancellation of purchase order, GUSEC reserves the right to forfeit the EMD.

**20. Indemnity:**

The bidder shall indemnify, protect and save GUSEC against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the items supplied.

**21. Publicity:**

Any publicity by the bidder in which the name of GUSEC is to be used will be done only with the explicit written permission of GUSEC.

**22. Force Majeure:**

- The Bidder shall not be liable for the default or non-performance of the obligations under the contract, if any reason or circumstances or occurrences beyond the control of the bidder.
- For the purpose of this clause, "Force Majeure" shall mean an event beyond the control of the bidder, due to or as a result of or caused by acts of God, wars, insurrections, riots, earthquake and fire, events not foreseeable but does not include the Bidder's fault or negligence or carelessness on the part of the Bidder, resulting in such a situation. In the event of any such intervening Force Majeure, the Bidder shall notify GUSEC in writing of such circumstances and the cause thereof immediately within five calendar days. Unless otherwise directed by the board of GUSEC, the Bidder shall continue to perform/render/discharge other obligations as far as they can reasonably be attended/fulfilled and shall seek all reasonable alternative means for performance affected by the Event of Force Majeure. In such a case, the time for performance shall be extended by a period(s) not less than the duration of such delay. If the duration of delay continues beyond a period of three months, GUSEC and the Bidder shall hold consultations with each other in an endeavor to find a solution to the problem. Notwithstanding above, the decision of GUSEC shall be final and binding on the Bidder.

### **23. Resolution of Disputes and Jurisdiction:**

All disputes and differences of any kind whatsoever, arising out of or in connection with this Offer or in the discharge of any obligation arising under this Offer (whether during the progress of the work or after completion of such work and whether before or after termination, abandonment or breach of the Agreement) shall be attempted to resolve amicably. However, for any legal claims arising out of this tender and subsequent bids, such claims will be limited exclusively to Ahmedabad jurisdiction only.

## ANNEXURE - A

### **Technical Specification Note w.r.t. E - Tender No: GUSEC/TBI/EQP/19/03/TND01 for purchase of a Benchtop high throughput Next Generation Sequencing System**

Please refer to E - Tender No. E - Tender No: GUSEC/TBI/EQP/19/03/TND01 by Gujarat University Startup and Entrepreneurship Council (GUSEC) for a benchtop high throughput Next Generation Sequencing System. More details can be found at [www.nprocure.com](http://www.nprocure.com) and [www.gusec.edu.in](http://www.gusec.edu.in). The following is the technical specification note for the aforementioned tender document:

1. A composite benchtop system with Next Generation Sequencing abilities is required.
2. Single instrument must perform clonal amplification, sequencing by synthesis sequencing, paired-end run and primary data analysis (e.g. base calling).
3. The manufacturer should also offer kits and reagents for library preparation from DNA/RNA.
4. System should offer flexible scalability from 20–120 Gb (130-400 million cluster) in a single run to support a broad range of applications, including metagenomic sequencing, de-novo sequencing and re-sequencing of microbes, complete de-novo sequencing and re-sequencing of higher eukaryotes including human and plant genomes, ChIP sequencing, transcriptome sequencing (microbial, plants and human), etc.
5. The system should also include an option to integrate with a cloud based genomic computing environment, an easy, secure and cost-effective way to store, analyze, and share genomic data.
6. The sequencing technology should offer accurate sequencing of homopolymers (upto 20 bases) and highest read quality score of Q30 for more than 75% of the base calls having 99% accuracy ensuring quality control steps.
7. Library preparation should be easy and completed within 12 hrs with minimal hands on time. Ease of library preparation and time required will be one of the important criteria for selection.
8. System should be able to sequence multiple samples at a time with option of using barcodes for sample multiplexing (up to 384).



9. In addition to sequencing, the system should also be able to scan HD cytogenetic arrays.
10. The system should include latest software, hardware, accessories and technology available at the time of installation which is needed for generating high quality sequence reads.
11. The vendor should provide automation for NGS library preparation compatible with the equipment quoted in this tender.
12. The vendor should provide an automated electrophoresis platforms for a quick, easy and reliable analysis of nucleic acids for up to 16 samples for the quality control (QC) of RNA and DNA samples in next-generation sequencing (NGS) and microarray workflows.
13. Vendor should provide a Label free Impedance based Cell monitoring system for assessing cell viability, count and clonal proliferation
14. The vendor should supply at least 16 complete reactions for whole exome sequencing and 16 reactions for cancer hotspot panels.
15. The vendor should provide onsite technical support with one manpower for two years
16. **Warranty:** System must be quoted with total warranty of at least 3 Year with Valid part numbers and details from manufacturers. This warranty should cover on-site after sales service during the duration of the warranty.

System must be quoted with suitable UPS with battery backup for the system.

**ANNEXURE-B**

**Details of the Bidder:**

(1) **Name of the Authorized Signatory** :

(2) **Designation** :

(3) **Name of the Company** :

(4) **Address for Correspondence** :

(5) **Contact Phone Numbers** :

(6) **Tender Fee:** DD No.: \_\_\_\_\_

**Date:** \_\_\_\_\_

**Drawn on Bank :** \_\_\_\_\_

(7) **EMD:** DD No.: \_\_\_\_\_

**Date:** \_\_\_\_\_

**Drawn on Bank :** \_\_\_\_\_

**Date :**

**Place :**

**Signature of the Authorized Signatory  
And Company Stamp/Seal**

**ANNEXURE-C (Covering Letter Format to be taken on Letterhead of Company)**

Date: \_\_\_\_\_2019

To:

**The Group CEO**

GUSEC

Gujarat University, Navrangpura Ahmedabad – 380009.

**Tender Reference No.: GUSEC/TBI/EQP/19/03/TND01**

Sir,

Having examined the tender document including all annexures we, the undersigned, offer to deliver Next Generation Sequencing System with complete automation in extraction, and capillary based detection system for quality check and quantitation of nucleic acid with the said tender in accordance with the Schedule of Prices indicated in the commercial offer through e-Tendering.

If our offer is accepted, we undertake to complete the delivery as specified in the offer document, within the period mentioned in the tender, calculated from the date of receipt of your approval of artwork/design.

We understand that GUSEC is not bound to accept the lowest or any offer GUSEC may receive without assigning any reason whatsoever.

If the details provided by us are found wrong or contradictory any time during evaluation or execution of work order, we will be responsible for all consequences. We understand that in such a situation, GUSEC has full authority to take appropriate action.

**Dated this \_\_\_\_\_ day of \_\_\_\_\_2019**

**Signature: \_\_\_\_\_**

**(In the Capacity of:) \_\_\_\_\_**

Duly authorized to sign the offer for and on behalf of Seal of the company

**ANNEXURE-D (Details of Bidder to be printed on the Letterhead of the Company)**

*Please Note: Details filled in this form must be accompanied by sufficient documentary evidence, in order for Gujarat University Startup and Entrepreneurship Council (GUSEC) to verify the correctness of the information.*

No.	Item	Details
1	Name of Bidder	
2	Registered Company Address	
3	Telephone and Fax numbers	
4	Name, designation and contact details including Mobile Number of the person authorized to make commitments to GUSEC	
5	Email Address	
6	Date of Constitution of the Company	
7	Income Tax (PAN/TIN) Number	
8	GST Number	
9	Turn over of the company in 2015-16 2016-17 2017-18	
10	Details of Branch offices with address (if any)	
11	Brief Description of machinery available and technical staff available with the Bidder (Attach a separate sheet if required)	

**ANNEXURE E: Technical Specification Checklist  
(To print on letterhead & filled by Bidder)**

#	Specifics	Compliance Yes/No	If no, clarify the difference
1	Can perform clonal amplification, sequencing by synthesis sequencing, paired-end run and primary data analysis (e.g. base calling)		
2	kits and reagents for library preparation from DNA/RNA		
3	Flexible scalability from 20–120 Gb (130-400 million cluster) in a single run to support a broad range of applications, including metagenomic sequencing, de-novo sequencing and re-sequencing of microbes, complete de-novo sequencing and re-sequencing of higher eukaryotes including human and plant genomes, CHIP sequencing, transcriptome sequencing (microbial, plants and human)		
4	Option to integrate with a cloud based genomic computing environment		
5	Accurate sequencing of homopolymers (upto 20 bases) and highest read quality score of Q30 for more than 75% of the base calls having 99% accuracy		
6	Easy Library preparation within 12 hrs with minimal hands on time and compatible to automation for NGS library preparation		
7	Sequence multiple samples at a time with option of using barcodes for sample multiplexing (up to 384)		
8	Scan HD cytogenetic arrays		
9	Latest software, hardware, accessories and technology for generating high quality sequence reads		
10	Automated electrophoresis platforms for a quick, easy and reliable analysis of nucleic acids for up to 16 samples for the quality control (QC) of RNA and DNA samples in next-generation sequencing (NGS) and microarray workflows		
11	Supplying at least 16 complete reactions for whole exome sequencing and 16 reactions for cancer hotspot panels		
12	Onsite technical support with one manpower for two years		
13	Total warranty of at least 3 Year with on-site after sales service.		
14	Suitable UPS with battery backup for the system		

**Signature:** \_\_\_\_\_

**Seal of the Company:**

**ANNEXURE - F**  
**(To be printed on Rs. 100/- stamp paper and notarized)**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that \_\_\_\_\_ **(Company's Name)**  
registered at \_\_\_\_\_  
\_\_\_\_\_ **(Company's Address)** is not blacklisted / banned / declared  
having delivered dissatisfactory performance by any government / semi-government /  
educational authority for supply of scientific equipment.

Further none of the directors of the company are blacklisted / banned / declared having  
delivered dissatisfactory performance by any government / semi-government / educational  
authority for supply of scientific equipment in individual capacity.

**Name of Signatory :** \_\_\_\_\_

**Designation of Signatory :** \_\_\_\_\_

**Company's Name:** \_\_\_\_\_

**Company's Stamp:**

**Stamp & Signature of Notary Officer**

**ANNEXURE - G - Document Checklist for the Bidder**

Sr. No.	Document	Yes/No	Page No.
1	Tender Processing Fee Demand Draft		
2	EMD Demand Draft		
3	Filled, signed and stamped <b>Annexure B</b>		
4	Covering Letter <b>Annexure-C</b> on Letterhead of Company, signed and stamped		
5	Details of Bidder <b>Annexure-D</b> with all required enclosures		
6	Technical Specification Checklist <b>Annexure - E</b>		
7	Undertaking by Bidder as per <b>Annexure - F</b> to be printed on Rs. 100/- stamp paper and notarized		
8	Catalogue / Literature about the equipment		
9	Copies of Purchase Orders and client information		
10	Certificate of GST Registration and PAN		
11	Incorporation Document such as certification of company registration		
12	Income Tax Return of last 3 financial years		
13	A Copy of GST last GST filed		
14	Audited Annual Reports of last 3 financial years		
15	CA certified turnover certificate		
16	Any other additional document		
17	Copy of Letter of Authorization as seller for this equipment		
18	Enclose original tender document and other enclosures with seal & authorized signature and page numbers on each page.		