

Tender No: IISc/NEPH/2025-26/001; 31 December 2025

Global Tender Notification for the Procurement of Next generation Sequencing System.
(Last Date for Submission: 21st January 2026)

Indian Institute of Science Bengaluru (IISc) invites the best quotations from the bonafide, resourceful, and eligible manufacturer/exclusive distributor/vendors for the procurement of a **Next generation Sequencing System** and relevant accessories with the technical specifications mentioned in section 3, to be delivered to the lab in IISc. The quotation should clearly mention the validity of the quote (minimum 90 days validity), terms of delivery, delivery schedule, estimated delivery date, and payment terms.

The Bidder must submit their tender in two separate sealed and distinctly marked envelopes: one containing the technical bid without mentioning any costs and the other containing the commercial bid. Both the envelopes should reach us duly signed on or before 17:00 hours, 21 January 2026.

The sealed envelopes containing the bids should mention “Quotation for **Next generation Sequencing System**” on the cover. **The sealed bids should be addressed and sent to:**

The Chair
Department of Nephrology
#523, 5th floor, IDR building,
Division of Medical Sciences ,
Indian Institute of Science,
Bengaluru - 560 012 India

For any inquiry, contact to Prof. Swaminathan : swami@iisc.ac.in; Ph.No: +91 8951988842
Please enclose a technical compliance statement along with the technical bid. Bids without a compliance statement and a detailed compliance table may be disqualified.

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Section 1: Bid Schedule

1	Tender No:	IISc/NEPH/2025-26/002
2	Tender date	31 December 2025
3	Instrument	Next generation Sequencing System
4	Tender type	Global Tender
5	Documents to be submitted	i) Technical bid (part A) ii) Commercial bid (part B)
6	Place of tender submission	The Chair, Department of Nephrology, #523, 5 th floor, IDR building, Division of Medical Sciences, Indian Institute of Science, Bengaluru - 560 012 India
7	Last date and time of tender submission	17:00 hours, 21 January 2026
8	For Further clarification	The Chair, Department of Nephrology, Division of Medical Sciences , Indian Institute of Science, Bengaluru - 560 012, India swami@iisc.ac.in Ph.No: +91 8951988842

Section 2 - Eligibility Criteria

1. This is a Global tender inquiry, and any bidder with registered head offices within or outside India is eligible to bid. However, The Bidder's firm should have been in existence for a minimum of 3 years. (Enclose Company Registration Certificate).
2. Only the Original Equipment Manufacturer or their authorized representatives shall participate in the bid.
3. The order will be placed only on the bidder who participated in the bid.
4. A complete bid with the following must be submitted:
 - a) Technical bid with a technical compliance sheet, supporting documentation and **masked** commercial bid (a copy of the commercial bid, but '**without**' any pricing information) in one sealed envelope. The envelope should be '**marked**' as '**Technical Bid**'.
 - b) Commercial bid, including INR pricing, warranty information, and other commercial terms and conditions, in another sealed envelope. The envelope should be '**marked**' as '**Commercial Bid**'.

- c) The envelopes with technical and commercial bids should be placed in a single sealed envelope.
 - d) All envelopes must be addressed to the tenderer as per information in Point 6 of the Bid Schedule. The tender number and date must be inscribed on all the envelopes.
5. The Bidder should sign and submit the declaration of Acceptance of Terms and Conditions as per -Annexure 4.
 6. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect must be given as per Annexure 3.
 7. Any bids that are deemed incomplete can be summarily rejected without further consideration.

Section 3 - Terms and Conditions

A) Submission of Tender:

1. All documentation in the tender should be in English.
2. The tender should be submitted in two envelopes (two bid system).
 - a) **Technical Bid (Part-A)** - Technical bid consisting of all technical details and checklist for conformance to technical specifications (Section 5). The technical bid should contain a technical compliance table given in Section 4 of this document.
 - b) **Commercial Bid (Part-B)** - Indicating item-wise price for the items mentioned in the technical bid, **as per the format of quotation provided in Annexure 5**, and other commercial terms and conditions.
3. The technical and price bids should be placed in separate sealed covers, superscripting the tender no. and the due date on both envelopes. Both these sealed covers are to be placed in a bigger envelope which should also be sealed and duly superscripted with the Tender No, Tender Description C Due Date.
4. The SEALED COVER superscripting tender number, tender description and due date, and the contact address and contact phone and email of the Bidder should reach the Prof. Swaminathan, Department of Nephrology, Division of Medical Sciences, Indian Institute of Science, Bangalore - 560 012, India on or before the due date mentioned in the tender notice. Write **“Quotation for Next generation Sequencing System”** clearly on top of the envelope. If the due date is a holiday, the tender will be accepted on the next working day. If the quotation cover is not sealed, it will be rejected.

5. All queries are to be addressed to the person identified in “Section 1 - Bid Schedule” of the tender notice.
6. GST/other taxes, levies etc., are to be indicated separately. The BIDDER must mention GST Registration and PAN in the tender document (Indian Bidders only).
7. The Institute reserves the right to accept or reject any bid, to annul the bidding process, and reject all bids at any time before the award of the contract without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders.
8. Incomplete bids will be summarily rejected.

B) Cancellation of Tender:

Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights to:

- a) Accept OR reject the lowest tender, any other tender, or all the tenders.
- b) Accept any tender in full or in part.
- c) Reject the tender, offer not confirming to the tender terms.

C) Validity of the Offer:

The offer must be valid for at least 90 Days from the closing date of this tender.

D) Evaluation of Offer:

1. Bids deemed to be complete per the information given in Section 2 of this document will be considered for technical evaluation. Technical bids (Part A) from such eligible bidders will be opened and evaluated. Bidders not furnishing the documentary evidence required in Section 2 will not be considered.
2. Pre-qualification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during technical evaluation or during commercial evaluation. The decision regarding acceptance and/or rejection of any offer in part or full shall be at the sole discretion of IISc Bangalore, and the decision in this regard shall be binding on the bidders.
3. The award of the contract will be subject to acceptance of the terms and conditions stated in this tender (Annexure 4).
4. Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - a) Non-submission of complete offers.
 - b) Receipt of bids after the due date and time and/ or by email/fax (unless specified otherwise).
 - c) Receipt of bids in open conditions.

5. If any BIDDER is silent on any clauses mentioned in these tender documents, IISc Bangalore shall construe that the BIDDER had accepted the clauses as of the tender, and no further claim will be entertained.
6. No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
7. The lowest bid will be calculated based on the total price of all items tendered for Basic equipment, along with accessories selected for installation, operation, preprocessing and post-processing. Any optional items, recommended spares, additional warranty, annual maintenance contract, and any such items will be considered only if they are being purchased as part of this tender.

E) Pre-requisites for Installation:

The Bidder must provide the prerequisite installation requirement of the equipment along with the technical bid.

F) Warranty:

1. The complete system is to be under warranty for a minimum period of 5 years.
2. During the warranty period, any complaint must be attended to within 2 working days after raising a service request.
3. After such a service call, if the instrument is found to be defective, it must be replaced or rectified at the cost of the Bidder within 30 days from the date of receipt of written communications from IISc, Bangalore.
4. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

G) Annual Maintenance Contract:

1. Costing for an annual maintenance contract for a period of at least 2 years post the warranty period is to be quoted.
2. The cost of annual maintenance must be locked in for the period of 2 years post the warranty period, or it should be included in the quoted value.
3. AMC must cover service breakdowns + at least 1 maintenance visit per year.
4. AMC cost (if ordered, after the completion of warranty period) will be released on an yearly basis at the end of each year subject to satisfactory services.
5. Quote must include pricing for both comprehensive and non-comprehensive AMC.
6. Expected consumables for the maintenance of this system and their price, preferably with a lock-in at least during the warranty period, must be provided as an optional item in the quotation.

H) Delivery, Installation and Training:

1. The Bidder shall provide the lead time for delivery, installation and commissioning at IISc, Bengaluru from the date of receipt of purchase order. The system should be delivered, installed and commissioned within 90 days from the date of receipt of purchase order.
2. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system, inspection of all the items and features/capabilities, and testing by IISc, Bengaluru. After successful commissioning and inspection, the date of taking over of entire system by the IISc, Bengaluru shall be taken as the start of the warranty period. No partial shipment is allowed.
3. The Bidder should also arrange for technical training to the Global facility technologists and users during installation. Additionally, 1 training visit per year must be included during the warranty and AMC periods, if and when the AMC (as detailed in section G) is purchased.

I) Purchase Order:

1. The order will be placed on the Bidder whose bid is accepted by IISc based on the terms C conditions mentioned in the tender document.
2. The quantity of the items in the tender is only indicative. IISc, Bangalore reserves the right to increase /decrease the quantity of the items depending on the requirement.
3. If the quality of the product and service provided is not found satisfactory, IISc Bangalore reserves the right to cancel or amend the contract.

J) Payment Terms:

1. Payment terms must be clearly included in the commercial bid.
2. AMC cost (if ordered) will be released on an yearly basis at the end of each year starting from the end of the warranty period subject to satisfactory services.
3. As per GFR, no advance payment can be made to domestic vendors, unless an equal amount of bank guarantee is provided.

K) Statutory Variation:

Any statutory increase in the taxes and duties subsequent to Bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, Bangalore, subject to the claim being supported by documentary evidence. However, if any decrease takes place, the advantage will have to be passed onto IISc, Bangalore.

L) Disputes and Jurisdiction:

Any legal disputes pertaining to this tender or any breach of contract shall be settled in the court of competent jurisdiction located within the city of Bangalore, India.

M) General:

1. All amendments, time extension, clarifications etc., within the period of submission of the tender will be communicated electronically. No extension in the bid due date/time shall be considered on account of delay in receipt of any document(s) by mail.
2. The Bidder may furnish any additional information, which is necessary to establish capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information.
3. Any information furnished by the Bidder found to be incorrect, either immediately or at a later date, would render the Bidder liable to be debarred from tendering/taking up of work in IISc, Bangalore.
4. Power requirement: Indian standard power supply, 220/240 Volts AC with frequency 50 Hz.
5. Operation and service manual in English (electronic and hard copy) with complete circuit diagram and PCB layout for all equipment should be provided with the instrument.
6. Standard samples (if required) to be provided by the company for testing the instruments at the time of installation on-site to the quoted accuracy in the given technical specification for the demonstration of the performance of equipment.
7. The vendor should have a track record of having previously supplied at least five identical instruments in CFTIs such as JNCASR, IITs, IISERs, and NITs with the specifications mentioned in the current tender. Details of such systems should be provided. The vendor must provide the user list (with contact details including emails and phone numbers) of at least 5 customers from Indian Institutes/Labs with contact person name, address, phone, fax, and email IDs. The primary focus of these installed systems should have included reliable data in the form of pictorial graphs must be provided.
8. The committee reserves the right to reject the technical bid if the above condition is not satisfied.
9. The vendor should have qualified technical service personnel for the equipment based in India and should assure a response time of <48 hours.
10. Wherever requested data must be supplied along with technical compliance documents, technical bids without supporting data will be deemed technically non-compliant.
11. All guaranteed specifications may have to be demonstrated at the time of installation. The service engineers should bring any necessary standard samples

for that purpose.

Section 4 - Technical Specifications for Next generation Sequencing System

Broad System Requirements and Usage:

a. We intend to purchase a **Next generation Sequencing System** for the Department of Nephrology, Indian Institute of Science, Bengaluru. The following technical criteria are to be met by any Multimode Microplate Reader with accessories that are being quoted under this tender notice:

Table of Technical Specifications (*Columns 3-5 are to be filled-in and submitted for verifying technical compliance.*)

Sl. No.	Category of Specification	Specification Details	Technical Compliance (Yes/No)	Provided Specification	Deviation, if any/ Remarks/Details
1	Proven Chemistry	High-throughput NGS chemistry should be robust, compact, and globally proven with >10,000 publications.			
2	Workflow Flexibility	System should support flexible workflows with multiplexing option and ≥ 4 library kit options.			
3	Integrated Functions	A single instrument should perform clonal amplification, sequencing, paired-end run, primary & secondary data analysis.			
4	Scalability	Flexible scalability from 10-540 Gb (200M-3.6B paired-end reads) in a single run.			
5	Read Configurations	The system should have different reagent kit configurations: 2 × 50 bp, 2 × 100 bp, 2 × 150 bp, 2 × 300 bp, to accommodate various sequencing methods.			
6	Run Time & Applications	Max. run time for highest read length reagent kit - within 48 hr; System should support various applications including metagenomic sequencing, de-novo sequencing and re-sequencing of microbes, Nucleosome positioning and chromatin structure studies, Linked long read applications, Single cell sequencing, bulk RNA- Seq, methylome sequencing, ATAC - Seq, whole transcriptome, Genotyping by Sequencing, Targeted Genes, Digital MLPA, complete de-novo sequencing and re-sequencing of higher eukaryotes, including human and plant genomes, ChIP sequencing, transcriptome sequencing (microbial, plants,			

		environmental and human).			
7	Cluster Generation & Sequencing	The system should perform integrated massively parallel sequencing of DNA/RNA libraries loaded directly on the system, through integrated cluster generation (emulsion-free) and sequencing, offering both single- end and paired-end sequencing (100, 200, 300, 600 cycles)			
8	Read Quality	The sequencing technology should offer accurate sequencing of homopolymers and the highest read quality score of Q30 for more than 90% of the base calls, having >99% accuracy, ensuring quality control steps.			
10	Secondary Analysis Hardware	The system should have in-built hardware for ultra-rapid secondary analysis for a wide variety of genomic analysis solutions, including BCL conversion, mapping, alignment, sorting, duplicate marking, and variant calling.			
11	On-Board Pipelines	System should offer On-Board Pipeline for whole-exome targeted resequencing, whole transcriptome expression, Single-cell applications, DNA Amplicon panels, Targeted sequencing etc.			
12	Cloud Platform	System should also offer a cloud-computing platform for simplified data management and analytical sequencing tools directly to researchers in a cost-effective and user-friendly format.			
13	Multiplexing Capability	The system should be able to sequence multiple samples at a time to use barcodes for sample multiplexing, a minimum of 384.			
14	Consumables Tracking	The system should have Radio-frequency			

		identification (RFID) - encoded consumables and load-and-go reagent cartridges, providing a user-friendly experience; the reliability of matching run configurations with the appropriate flow cell and consumable kit minimizes potential incompatibilities.			
15	Installations & Support	More than 15 installations for quoted instrument in India, and support team to be based in Bangalore, India from the principal company/Distributor.			
16	Analysis	System should have onboard Bio-IT system to complete the secondary analysis after the sequencing run is completed.			

Annexure 1:

Details of the Bidder:

The Bidder must provide the following mandatory information C attach supporting documents wherever mentioned:

Sl. No.	Type	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
3.	Registration No/ Trade License (attach attested copy)	
4.	Registered Office Address	
5.	Address for communication	
6.	Contact person- Name and Designation	
7.	Telephone No	
8.	Email ID	
9.	Website	
10.	PAN No. (attach copy)	
11.	GST No. (attach copy)	

Signature of the Bidder

Name:

Date:

Designation, Seal

Annexure 2:

Declaration Regarding Experience

To,
The Chair
Department of Nephrology, Division of Medical Sciences,
Indian Institute of Science, Bengaluru
Bengaluru - 560 012
India

Ref: Tender No: IISc/NEPH/2025-26/001;

Dated: 31 December 2025

Sub: Supply and installation of **Next generation Sequencing System**

Sir,

I have carefully gone through the Terms C Conditions contained in Section 3 of the above referred tender. I hereby declare that my company/firm has years of experience in supplying and installing **Next generation Sequencing System** having steady state and time resolved measurement capabilities and accessories.

(Signature of the Bidder)

Printed Name Designation, Seal

Date:

Annexure 3:

Declaration of track record

To,
The Chair
Department of Nephrology,
Division of Medical Sciences, Indian Institute of Science,
Bengaluru
Bengaluru - 560 012
India

Ref: Tender No: IISc/NEPH/2025-26/001;

Dated: 31 December 2025

Sub: Supply and installation of **Next generation Sequencing System**

Sir,

I have carefully gone through the Terms C Conditions contained in the above referred tender. I hereby declare that my company / firm is not currently debarred / blacklisted by any Government / Semi-Government organizations / institutions in India or abroad. I further certify that I am competent officer in my company / firm to make this declaration.

OR

I declare the following:

Sl. No.	Country in which the company is debarred/ blacklisted / having pending case	Blacklisted / debarred by Government / Semi Government Organizations or Institutions / having pending case	Reason	Time Period

(Note: In case the company / firm was blacklisted previously, please provide the details regarding period for which the company / firm was blacklisted and the reason/s for the same).

(Signature of the Bidder)

Printed Name Designation, Seal

Date:

Annexure 4:

Declaration of acceptance of terms and conditions

To,
The Chair
Department of Nephrology, Division of Medical Sciences,
Indian Institute of Science, Bengaluru
Bengaluru - 560 012
India

Ref: Tender No: IISc/NEPH/2025-26/001;
Dated: 31 December 2025

Sub: Sub: Supply and installation of **Next generation Sequencing System**

I have carefully gone through the Terms C Conditions contained in the above referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully
(Signature of the
Bidder)

Printed Name Designation, Seal

Date:

Annexure 5

Details of Commercial Bid

The commercial bid should be furnished with all requirements of the tender with supporting documents as mentioned. The sealed commercial bids should be addressed and sent to:

The Chair

Department of Nephrology, Division of Medical Sciences,

Indian Institute of Science, Bengaluru

Bengaluru - 560 012

India

Sl. No	Description	Cat. Number	Quantity	Unit Price	Sub Total
1.	Essential items noted in the technical specification				
2.	Optional items noted in the technical specification				
2.a	(details of essential items)				
3.	Accessories for operation and installation				
4.	All consumables, spares, and software to be supplied Globally				
5.	Warranty (2 years)				
6.	AMC 3 years beyond warranty				
8.	CIP/CIF IISc, Bengaluru				

List of any additional items, such as Spares and Hardware/PCBs likely to go obsolete after the next 3 Years