

## **TENDER ENQUIRY**



**PROVIDING VIRAL GENOME SEQUENCING SERVICES**

**INSTITUTE OF ADVANCED VIROLOGY**

**BIO 360 LIFE SCIENCES PARK**

**THONNAKKAL**

**THIRUVANANTHAPURAM-695317**

**File No. IAV/PUR/2025-2026/307/029**

**Date of issue: 28.07.2025**

**Date of closing: 08.08.2025**

## **TENDER NOTICE**

Institute of Advanced Virology, an autonomous institution under Science and Technology Department, Govt. of Kerala, Thiruvananthapuram invites sealed tenders for providing **Total Viral Genome Sequencing Services** from firms who have the required facilities and experience in carrying out Viral Genome Sequencing as per the specifications provided in this tender.

1. **Last date/time for submission of bids:15.00 Hrs on 08.08.2025.** The bids are to be submitted in the tender box maintained at the office of the Administrative Officer, Institute of Advanced Virology, Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram-695317.
2. The responsibility of submission of the bids on or before the last date shall rest with the tenderer. The institute will hold no responsibility for the non-receipt of the bids or for the bids received after the date/time specified. Any bid received after the bid submission deadline prescribed by the Institute, shall not be considered. Only sealed tenders will be considered. Bids received through e-mail will not be considered for evaluation.
3. In case of any holiday or unforeseen closure of the institute on the scheduled day of opening of the bid, the bids will be opened on the next working day at the same time, but the deadline of submission of bids remains the same as indicated above.
4. The institute will respond to any request for clarification of the Tender Document that are received up to **Two (02) days** prior to the deadline for submission of bids prescribed. For this purpose, the prospective Bidder(s) requiring clarification shall notify/contact the Institute in writing at the registered address.

**Sd/-**  
**Director**

### **BoQ : Providing Total Viral Genome Sequencing**

The tentative quantity of the samples required to be sequenced are as follows:

SI No	Description of the item	Deno	Quantity
1	<b>Total Viral Genome Sequencing</b>	Nos	08 Samples.

### **Instructions to Bidders including Terms and Conditions**

#### **1.Scope of Bid**

Providing total viral genome sequencing as per the below given specifications.

a)	Collection of sample from IAV and shipping of the same to the service provider's location with dry ice packing.
b)	RNA Quality Control (QC): Qualification and quantification of gRNA should be carried out by denatured agarose gel electrophoresis and Nanodrop/Qubit Fluorometer analysis
c)	Library Preparation: Viral RNA sequence library should be prepared by an Illumina-specific kit
d)	Library Validation: Library validation should be carried out using High Sensitivity D1000 screen tape using Agilent Tapestation.
e)	Sequencing: Sequencing of the library should be carried out on the Illumina platform, and delivery of approximately ~10 GB of data per sample
f)	Data quality and bioinformatic analysis: High-quality reads mapping on the viral genome identification of Single Nucleotide Polymorphisms (SNPs)
g)	Delivery of the results: The completed results should be delivered within 7-8 weeks after QC tests <b>in CD/Pen drive.</b>

#### **2.Cost of Bidding**

2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid and the IAV shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding.

### **3.Amendment in the Tender Document**

3.1. At any time prior to the deadline for submission of bids, the IAV may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document by way of amendment(s).

3.2. Amendments will be uploaded in the Institute website [www.iav.kerala.gov.in](http://www.iav.kerala.gov.in) and shall be binding on the bidders. Further, it will be assumed that the Bidder has taken into account such amendments while submitting the bid.

### **4.Language of Bid**

4.1. The bid prepared by the Bidder and all correspondence and documents related to the tender exchanged by the Bidder and the IAV shall be in English and the contract shall be construed and interpreted in accordance with that language.

4.2. If any of the brochures, leaflets or communication is prepared in any language other than English, a translation of such document, correspondence or communication to English shall also be provided at the cost and risk of the bidder. The translation so provided shall prevail in matters of interpretation. The bidder, with respect to such documents, correspondence, and communications, shall bear the costs and risks of such translation.

### **5.Eligibility Criteria**

5.1 The firm should have minimum **two years' experience** in providing **Total Viral Genome Sequencing** to Government/ Central Government research organizations (proof to be submitted along with the bid).

5.2 Should possess good laboratory practice certificate (**Attach the relevant valid document**)

5.3 Should possess good manufacturing practice certificate (**Attach the relevant valid document**)

5.4 **The firm should be ISO1900:2025 certified (Attach the relevant valid document)**

### **6.Documents Comprising the Bid:**

All bids must be substantially responsive and shall comprise the **Technical Bid and Commercial Bid in separate sealed covers** suitably superscribed as Technical Bid and Commercial Bid. Cover 1 should contain the technical bid and Cover 2 should contain the commercial bids.

The technical bid should contain a compliance statement as per **Annexure I** and shall submit along with supporting technical literature/brochure for evaluation.

## **7. Financial Bid**

The bidder shall quote the rates and amount in the format prescribed as per this tender document at **Annexure II**. The price shall be inclusive of all taxes and other costs involved. Conditional bids shall not be considered.

## **OTHER TERMS AND CONDITION**

1. **Period of Validity of Bids:** Bids shall remain valid for a period of 90 days after the date of deadline for submission of bids prescribed by the IAV.

### **2. Deadline for submission of Bids**

The deadline for submission of bids is **08.08.2025 at 1200 hours**. The IAV may, at its discretion, extend this deadline for submission of bids in which case all rights of the IAV and all obligations of the Bidders will thereafter be subject to the deadline as extended.

### **3. Opening and Examination of Bids**

a. The technical bids will be **opened on 08.08.2025 at 1500 hours**. Bidders or their representative may be present during the opening of technical bids, if they wish to be present.

b. The IAV will evaluate the technical bids as per the terms of the tender. Those bids, whose technical bids fulfil the technical requirements and are responsive to the tender requirements will be considered. Those bids which found to be either non-responsive, not satisfying the technical requirements or both will not be considered and will be rejected.

d. The IAV will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required security has been furnished, whether the documents have been properly signed and whether the bids are generally in order.

e. Prior to the detailed evaluation, the IAV will determine whether each bid is complete and is substantially responsive to the Tender Document. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the Tender Document without material deviations, exceptions, objections, conditionality or reservations.

f. If a bid is not substantially responsive, it shall be rejected by the IAV and may not subsequently be made responsive by the bidder by correction of the nonconformity. The IAV's determination of bid responsiveness will be based on the contents of the bid itself and any written clarifications submitted by the bidder.

#### **4. Clarification of Bids:**

During the bid evaluation, the IAV may, at its discretion, ask the Bidder for clarifications of their bid in writing/e-mail and the bidder is also required to provide the clarification in writing. No change in the price or substance of the bid shall be sought, offered or permitted.

#### **5. Evaluation of Responsive Bids:**

The IAV will evaluate the bids that have been determined to be substantially responsive and are confirming with the technical specifications. **Only those firms who have qualified in the technical evaluation shall be considered for financial evaluation.**

#### **6. Contacting the Institute**

a. From the time of bid opening to the time of Contract award, if any Bidder wishes to contact the IAV on any matter related to the bid, it shall do so in writing.

b. If a Bidder tries to directly influence the IAV or otherwise interfere in the bid evaluation process and the Contract award decision, his bid shall be rejected.

#### **7. Award Criteria**

IAV will award the contract to the Bidder whose bid has been determined to be substantially responsive, technically qualified and the Lowest Quoted Evaluated Bid.

#### **8. Right to Accept/Reject/Modify Bids**

a. The IAV reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the Bidders.

b. The IAV reserves the right to negotiate with the Bidder having the Lowest Evaluated Bid.

#### **9. Issue of work order**

Prior to the expiration of the period of bid validity, the IAV will issue the work order to the successful bidder in writing. The bidder has to complete the work within the time specified in the work order.

#### **10. Terms of Payment**

Payment will be made only after completion of works as per the specifications to the satisfaction of the officials of the Institute.

**16.Governing Law:**

The Contract shall be governed by and interpreted in accordance with the laws of India.

**17.Settlement of Disputes:**

Any dispute or claim arising out of/relating to this tender or the breach, termination or the invalidity thereof, shall be settled by the Hon'ble Courts of Justice at Thiruvananthapuram.

**18.**All the pages of the bids, including all supporting documents enclosed with the tender document, should be marked in all pages serially and the declaration for the same shall be submitted by the bidder as **Annexure III**.

**19.**Institute of Advanced Virology reserves the right to accept or reject any or all the tenders in part or whole or may cancel the tender at its sole discretion without assigning any reason whatsoever. No further correspondence in this regard will be entertained

**ANNEXURE I**

**FORMAT FOR COMPLIANCE STATEMENT**  
**PROVIDING VIRAL GENOME SEQUENCING SERVICES**

Name of the bidder :

SI No.	Description of the Item	Compliance (Yes/No)	Remarks if any
1	Have minimum <b>2 years' experience</b> in providing <b>Total Viral Genome Sequencing</b> to Government/ Central Government research organizations and the proof for the same is attached along with the tender		
2	Have Good laboratory practice certificate and the proof for the same is attached along with the tender		
3	Have Good manufacturing practice certificate and the proof for the same is attached along with the tender		
4	The firm is ISO1900:2025 certified and the proof for the same is attached along with the tender		

Place: \_\_\_\_\_

Dated: \_\_\_\_\_ (Authorized Name & Signatory of Agency/firm with stamp)



**ANNEXURE II**

**FINANCIAL BID**

SI No	Description of the item (Specify the make, model, capacity and other specifications. Attach separate sheet if required)	Quantity	Unit price inclusive of all taxes (₹)	Total Price Inclusive of all taxes (₹)
1	VIRAL GENOME SEQUENCING SERVICES			

Amount in words:

The rate quoted is inclusive of the cost of items, taxes, cess, transportation, loading/unloading charges and other incidental expenses.

Place: \_\_\_\_\_

Dated: \_\_\_\_\_ (Authorized Name & Signatory of Agency/firm with stamp)

### **ANNEXURE III**

#### **UNDERTAKING BY THE TENDERER**

I/We have carefully gone through the various terms and conditions mentioned in the tender document titled **Providing Total Viral Genome Sequencing**.

I am making this offer is after carefully reading the conditions and understanding the same. I have understood the quantity of items/ specifications and other charges required to carryout the work, before making this offer.

This tender document has \_\_\_\_\_ pages including the attachments and all the documents including blank pages are serially numbered.

I hereby sign this undertaking as token of our acceptance of various conditions mentioned in tender document.

Further certified that I/we (the firm) has never been debarred/blacklisted by any government organisation.

Place: \_\_\_\_\_

Dated: \_\_\_\_\_ (Authorized Name & Signatory of Agency/firm with stamp)