

**LIMITED TENDER ENQUIRY**



**CALIBRATION, VALIDATION AND CERTIFICATION OF DIAGNOSTIC EQUIPMENT AS  
PER NABL STANDARDS**

**INSTITUTE OF ADVANCED VIROLOGY  
BIO 360 LIFE SCIENCES PARK  
THONNAKKAL  
THIRUVANANTHAPURAM-695317**

**Tender No. IAV/209/ADMIN/2026/QTN/01**

**Date of issue: 17.04.2026**

**Date of closing: 30.04.2026 at 1200 hrs**

### NOTICE INVITING TENDER

Tender Number	IAV/209/ADMIN/2026/QTN/01
Date of issue	17.04.2026
Due date and time for receipt of tenders	30.04.2026; 12:00 PM
Date and time for opening of tenders	30.04.2026; 12:30 PM
Designation and address of officer to whom the tender is to be addressed	The Director Institute of Advanced Virology Bio 360 Life Sciences Park Thonnakkal, Thiruvananthapuram, Kerala – 695 317
Mode of bidding	Single Bid (Techno-Commercial)
<b>Name of the work: CALIBRATION, VALIDATION AND CERTIFICATION OF DIAGNOSTIC EQUIPMENTS AS PER NABL STANDARDS</b>	

1. Bids received after the above-mentioned date and time shall not be considered. Conditional bids will be rejected outright.
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.
3. 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 : CALIBRATION OF DIAGNOSTIC EQUIPMENTS AS PER NABL STANDARDS**

1.The details of equipment required to be calibrated is as follows:

<b>EQUIPMENT NUMBER</b>	<b>EQUIPMENT NAME</b>	<b>MANUFACTURER</b>	<b>MODEL NAME AND NUMBER</b>	<b>SERIAL NUMBER</b>	<b>Scope of calibration</b>
IAV/MDF/EQ01	Refrigerator	LG	GL-1402 RPZY	JRG8INPR	NABL
IAV/MDF/EQ04	Refrigerated Centrifuge	Eppendorf	5910 Ri	5943LQ005868	NABL
IAV/MDF/EQ05	Refrigerator	Whirlpool	3S STEEL ONYX	2.129E+15	NABL
IAV/MDF/EQ08	Vortex mixture	Thermo fisher scientific	88882010	L7CT82010404	NABL
IAV/MDF/EQ09	Micropipette Pipette (100µl-1000 µl)	Thermo fisher scientific	Thermo scientific/FinnpipetteF2	SW18761	NABL
IAV/MDF/EQ10	Micropipette Pipette (0.1µl-2.5 µl)	Eppendorf	Research Plus	P53042J	NABL
IAV/MDF/EQ11	Micropipette Pipette (30µl-300 µl) Multichannel	Eppendorf	Research Plus	M31807K	NABL
IAV/MDF/EQ12	Micropipette Pipette (20µl-200 µl)	Eppendorf	Research Plus	H14699L	NABL
IAV/MDF/EQ13	Micropipette Pipette (10µl-100 µl)	Eppendorf	Research Plus	R14674K	NABL
IAV/MDF/EQ15	Refrigerated Centrifuge	Eppendorf	5430R	5428IM728955	NABL
IAV/MDF/EQ16	Heating Water bath	Jeio tech	BW3-05G	1D087217	NABL
IAV/MDF/EQ18	Mini Spin Centrifuge	Antech	NA	HB186AG0000745	NABL
IAV/MDF/EQ19	Vortex Mixture	Labquest	VMX010	1007930154	NABL
IAV/MDF/EQ20	Micropipette Pipette (100µl-1000 µl)	Eppendorf	Research Plus	G39021L	NABL
IAV/MDF/EQ21	Micropipette Pipette (120µl-1200 µl) Multichannel	Eppendorf	Research Plus	N61492L	NABL

IAV/MDF/EQ22	Micropipette Pipette (10µl-100 µl)	Thermo fisher scientific	Thermo scientific/FinnpipetteF2	SW18214	NABL
IAV/MDF/EQ23	Micropipette Pipette (20µl-200 µl)	Thermo fisher scientific	Thermo scientific/FinnpipetteF2	SW18364	NABL
IAV/MDF/EQ24	Micropipette Pipette (0.5µl-10 µl)	Eppendorf	Research Plus	H27801L	NABL
IAV/MDF/EQ25	Micropipette Pipette (2-20µl)	Thermo fisher scientific	Thermo scientific/FinnpipetteF2	SW15437	NABL
IAV/MDF/EQ27	Refrigerator	LG	GL-1402RPZY	JRG8INPR	NABL
IAV/MDF/EQ28	Mini Spin Centrifuge	Wuhan sevier Biotechnology	MC-700	MC700192772	NABL
IAV/MDF/EQ29	Vortex Mixture	Labquest	VMX-010	1007930155	NABL
IAV/MDF/EQ30	Micropipette Pipette (0.1µl-2.5µl)	Eppendorf	Research Plus	K53171K	NABL
IAV/MDF/EQ31	Micropipette Pipette (2µl-20 µl)	Eppendorf	Research Plus	R13335K	NABL
IAV/MDF/EQ32	Micropipette Pipette (20µl-200 µl)	Eppendorf	Research Plus	H15324L	NABL
IAV/MDF/EQ33	Micropipette Pipette (20µl-200 µl)	Eppendorf	Research Plus	H13889J	NABL
IAV/MDF/EQ34	Micropipette Pipette (0.5µl-10 µl)	Eppendorf	Research Plus	H27799L	NABL
IAV/MDF/EQ35	Micropipette Pipette (10µl-100 µl)	Eppendorf	Research Plus	N15031N	NABL
IAV/MDF/EQ36	Micropipette Pipette (100µl-1000µl)	Eppendorf	Research Plus	G39187L	NABL
IAV/MDF/EQ37	Micropipette Pipette (0.1µl-2.5 µl)	Eppendorf	Research Plus	Q80570L	NABL
IAV/MDF/EQ40	Refrigerator	LG	GL-I402RPZY	JRG8INPR	NABL
IAV/MDF/EQ41	Micropipette Pipette (0.5µl-10µl)	Eppendorf	Research Plus	H28128L	NABL
IAV/MDF/EQ42	Micropipette Pipette (10µl-100 µl)	Eppendorf	Research Plus	R14719K	NABL
IAV/MDF/EQ43	Micropipette Pipette (100µl-1000 µl)	CC - 2481	Research Plus	H19480L	NABL
IAV/MDF/EQ44	Micropipette Pipette (0.5µl-10 µl)	Eppendorf	Research Plus	H27787L	NABL

IAV/MDF/EQ45	Micropipette Pipette (2µl-20 µl)	Eppendorf	Research Plus	H20325L	NABL
IAV/MDF/EQ46	Mini Spin Centrifuge	Antech	NA	HB186AG0000741	NABL
IAV/MDF/EQ47	Refrigerated Centrifuge	Thermofisher scientific	SORVALL ST-8R	43262879	NABL
IAV/MDF/EQ49	Thermal Cycler	Thermofisher scientific	Quantstudio-5	272513905	NABL
IAV/MDF/EQ55	-20 Deep Freezer	Blue Star	DW-YL270H	220401960	NABL
IAV/MDF/EQ56	-80 Deep Freezer	Thermofisher scientific	FDE40086FV	14AVM4C01L	NABL
IAV/MDF/EQ57	-80 Deep Freezer	Penpol	DF80U	202009231	NABL
IAV/MDF/EQ58	-20 Deep Freezer	Labline	VDF-2001	20F512	NABL
IAV/MDF/EQ59	-80 Deep Freezer	Eppendorf	CRYOCUBE F570n	F571LL001838	NABL
IAV/MDF/EQ60	-80 Deep Freezer	Eppendorf	CRYOCUBE F570n	F571LL701837	NABL
IAV/MDF/EQ61	-80 Deep Freezer	Eppendorf	CRYOCUBE F570n	F571LL401839	NABL
IAV/MDF/EQ62	Pharmacy Refrigerator	Blue Star	YC-830IN	YC-830IN03230003	NABL
IAV/MDF/EQ63	-20 Deep Freezer	Blue Star	DW-YL270H	220801788	NABL
IAV/MDF/EQ64	Mini Spin Centrifuge	Antech	NA	HG5C15117	NABL
IAV/MDF/EQ65	Micropipette Pipette (100 µl-1000 µl)	Eppendorf	Research Plus	G48714K	NABL
IAV/MDF/EQ66	Micropipette Pipette (10 µl-100 µl)	Eppendorf	Research Plus	H15336K	NABL
IAV/MDF/EQ67	Micropipette Pipette (0.5 µl-10 µl)	Eppendorf	Research Plus	R15474J	NABL
IAV/MDF/EQ68	Micropipette Pipette (2µl-20 µl)	Eppendorf	Research Plus	H33560J	NABL
IAV/MDF/EQ69	Micropipette Pipette (20 µl-200 µl)	Thermo fisher scientific	FinnpipetteF2	SW18365	NABL
IAV/MDF/EQ70	Micropipette Pipette (10 µl-100 µl) Multichannel	Thermo fisher scientific	Thermo scientific/FinnpipetteF2	SW06335	NABL
IAV/MDF/EQ71	Pipette (10 µl-100 µl) Multichannel	Thermo fisher scientific	Thermo scientific/FinnpipetteF2	SW06336	NABL
IAV/MDF/EQ73	Digital Thermometer	ACETEQ	ST-9283B	NA	NABL

IAV/MDF/EQ74	Digital Thermometer	TP 101	NA	NA	NABL
IAV/MDF/EQ75	Digital Thermometer	ACETEQ	ST-9283B	NA	NABL
IAV/MDF/EQ76	Digital Hygrometer	HTC-1	NA	NA	NABL
IAV/MDF/EQ77	Digital Thermometer	ACETEQ	ST-9283B	NA	NABL
IAV/MDF/EQ78	Digital Hygrometer	HTC-1	NA	NA	NABL
IAV/MDF/EQ79	Digital Thermometer	ACETEQ	ST-9283B	NA	NABL
IAV/MDF/EQ80	Digital Hygrometer	HTC-1	NA	NA	NABL
IAV/MDF/EQ81	Digital Hygrometer	HTC-1	NA	NA	NABL
IAV/MDF/EQ82	Digital Thermometer	TP 101	NA	NA	NABL
IAV/MDF/EQ83	Digital Hygrometer	BIOLINXINDI A	BX100004RH M	NA	NABL
IAV/MDF/EQ84	Digital Thermometer	ACETEQ	ST-9283B	NA	NABL
IAV/MDF/EQ85	Digital Hygrometer	HTC-1	NA	NA	NABL
IAV/MDF/EQ87	Thermal Cycler	Thermofisher scientific	Quantstudio-5	272513903	NABL
IAV/MDF/EQ88	Micropipette Pipette (10 µl-100 µl)	Eppendorf	Research Plus	N14981N	NABL
IAV/MDF/EQ89	Micropipette Pipette (0.1 µl-2.5 µl)	Eppendorf	Research Plus	I64714M	NABL
IAV/MDF/EQ90	Micropipette Pipette (0.1 µl-2.5 µl)	Eppendorf	Research Plus	164661M	NABL
IAV/MDF/EQ91	Micropipette Pipette (10 µl-100 µl)	Eppendorf	Research Plus	R14314K	NABL
IAV/MDF/EQ92	Refrigerator	Whirlpool	21290	INE212511456	NABL
IAV/MDF/EQ93	Micropipette Pipette (100 µl-1000 µl)	Eppendorf	Research Plus	M38396N	NABL

ii. List of Biosafety cabinets annual validation and certification

<b>EQUIPMENT NUMBER</b>	<b>EQUIPMENT NAME</b>	<b>MANUFACTURER</b>	<b>MODEL NAME AND NUMBER</b>	<b>SERIAL NUMBER</b>
IAV/MDF/EQ06	Biosafety cabinet class II A2	Heal force	HF Safe-1200LC	EX052012LC 5843
IAV/MDF/EQ26	Biosafety cabinet class II A2	Heal force	HF Safe-1200LC	EX122112LC 8570
IAV/MDF/EQ39	Biosafety cabinet class II A2	Heal force	HF Safe-1200LC	EX122112LC 8553
IAV/MDF/EQ72	Biosafety cabinet class II A2	Heal force	HF Safe-1200LC	EX122112LC 5841
IAV/MDF/EQ86	Biosafety cabinet class II A2	BIOLINX INDIA	Biosafe-900A2	BX25-01-93
IAV/MDF/EQ14	Biosafety cabinet class II A2	Heal Force	HF Safe-1200LC	EX052012LC 5846

**Instructions to Bidders including Terms and Conditions**

**1.Scope of Bid**

**CALIBRATION, VALIDATION AND CERTIFICATION** of diagnostic equipment at Advanced Molecular Diagnostic Facility of the Institute (detailed list placed above) as per NABL standards and provide calibration certificates for each equipment as per NABL format.

**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**

The agency should have been approved by the NABL (ISO 17025) for providing the calibration services and should have two years' experience in providing similar services (**proof to be submitted along with the bid**).

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

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.

### **OTHER TERMS AND CONDITIONS**

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 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. 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 fulfill the technical requirements and 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.

c. The price bids of the bidders on the basis of evaluation as mentioned in will only be considered of the next stage of processing.

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.

#### **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 and provide the books item 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**  
**CALIBERATION OF DIAGNOSTIC EQUIPMENTS AS PER NABL STANDARDS**

Name of the bidder :

<b>SPECIFICATIONS</b>	<b>Compliance (Yes/No)</b>	<b>Remarks if any</b>
The firm is accredited by NABL (ISO 17025) for providing calibration services for diagnostic/ analytical equipments and the proof for the same is attached.		
Have two-year experience in providing calibration services as per NABL standards and the proof for the same is attached.		

(Authorized Name & Signatory of Agency/firm with stamp)

**ANNEXURE II - FINANCIAL BID****Details of Laboratory instruments requiring calibration**

SI No.	EQUIPMENT NAME	Qty	Charge per unit (without GST)	Total charges (without GST)
1	Refrigerator	5		
2	Refrigerated Centrifuge	3		
4	Vortex mixture	3		
5	Micropipette Pipette (100µl-1000 µl)	6		
6	Micropipette Pipette (0.1µl-2.5 µl)	5		
7	Micropipette Pipette (30µl-300 µl) Multichannel	1		
8	Micropipette Pipette (20µl-200 µl)	5		
9	Micropipette Pipette (10µl-100 µl)	7		
10	Micropipette Pipette (120µl-1200 µl) Multichannel	1		
11	Micropipette Pipette (0.5µl-10 µl)	5		
12	Micropipette Pipette (2-20µl)	4		
15	Micropipette (10 µl-100 µl) Multichannel	2		
16	Heating Water bath	1		
17	Mini Spin Centrifuge	4		
18	Thermal Cyclor	2		

19	-20 Deep Freezer	3		
20	-80 Deep Freezer	5		
21	Pharmacy Refrigerator	1		
22	Digital Thermometer	7		
23	Digital Hygrometer	6		
GRAND TOTAL				
GST				
Total charges including GST (in figures)				
Total charges including GST (in words)				

The rate quoted is inclusive of the charges, taxes, cess, transportation, loading handling charges and other incidental expenses.

Place & Date: (Authorized Name & Signatory of Agency/firm with stamp)

**Details of Biosafety cabinets for annual validation and certification**

<b>Sl No.</b>	<b>EQUIPMENT NAME</b>	<b>Qty</b>	<b>Charge per unit (without GST)</b>	<b>Total charges (without GST)</b>
1	Biosafety cabinet class II A2	6		

**UNDERTAKING BY THE TENDERER**

I/We have carefully gone through the various terms and conditions mentioned in the tender document titled **CALIBRATION OF DIAGNOSTIC EQUIPMENTS AS PER NABL STANDARDS**

I am making this offer after carefully reading the conditions and understanding the same. I have understood the quantity of items/ specifications and other charges required to carry out 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)