

LIMITED TENDER ENQUIRY



CALIBRATION OF DIAGNOSTIC EQUIPMENTS FOR NABL ACCREDITATION

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

Tender No. IAV/209/ADMIN/2025/QTN/01

Date of issue: 19.07.2025

Date of closing: 25.07.2025 at 1100 hrs

NOTICE INVITING TENDER

Tender Number	IAV/209/ADMIN/2025/QTN/01
Date of issue	19.07.2025
Due date and time for receipt of tenders	25.07.2025; 11:00 AM
Date and time for opening of tenders	25.07.2025; 12:30PM
Date up to which the rates are to remain firm for acceptance	01/12/2025
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)
Name of the work: CALIBRATION OF DIAGNOSTIC EQUIPMENT FOR NABL ACCREDITATION	

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** before 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 EQUIPMENT FOR NABL ACCREDITATION

The details of equipment and scope of calibration is as follows:

EQUIPMENT NUMBER	EQUIPMENT NAME	USED FOR	MODEL NAME AND NUMBER	SERIAL NUMBER	SCOPE OF CALIBRATION
IAV/MDF/EQ01	Refrigerator	Sample Collection	GL-1402 RPZY	MEZ68974936	NABL
IAV/MDF/EQ04	Refrigerated Centrifuge	Specimen Processing	Cent 5910 Ri	5943LQ005868	NABL
IAV/MDF/EQ05	Refrigerator	Specimen Processing	FF 2D375D	2129001204926253	NABL
IAV/MDF/EQ06	Biosafety cabinet class II A2	Specimen Processing	HF Safe-1200LC	EX052012LC5843	ISO : 12469
IAV/MDF/EQ08	Vortex mixture	Specimen Processing	88882010	L7CT82010404	NABL
IAV/MDF/EQ09	Micropipette Pipette (100µl-1000 µl)	Specimen Processing	Thermo scientific/Fin npipetteF2	SW1876	NABL
IAV/MDF/EQ10	Micropipette Pipette (0.1µl-2.5 µl)	Specimen Processing	Research Plus	P53042J	NABL
IAV/MDF/EQ11	Micropipette Pipette (30µl-300 µl) Multichannel	Specimen Processing	Research Plus	M31807K	NABL
IAV/MDF/EQ12	Micropipette Pipette (20µl-200 µl)	Specimen Processing	Research Plus	H14699L	NABL
IAV/MDF/EQ13	Micropipette Pipette (10µl-100 µl)	Specimen Processing	Research Plus	R14674K	NABL
IAV/MDF/EQ14	Biosafety cabinet class II A2	Nucleic Acid Extraction	HF Safe-1200LC	EX052012LC5846	ISO : 12469
IAV/MDF/EQ15	Refrigerated Centrifuge	Nucleic Acid Extraction	Cent 5430R	5428IM728955	NABL

IAV/MDF/EQ16	Heating Water bath	Nucleic Acid Extraction	BW3-05G	1D087217	NABL
IAV/MDF/EQ18	Mini Spin Centrifuge	Nucleic Acid Extraction	AN-C-1008	HB186AG0000745	NABL
IAV/MDF/EQ19	Vortex Mixture	Nucleic Acid Extraction	VMX010	1007930154	NABL
IAV/MDF/EQ20	Micropipette Pipette (100µl-1000 µl)	Nucleic Acid Extraction	Research Plus	G39021L	NABL
IAV/MDF/EQ21	Micropipette Pipette (120µl-1200 µl) Multichannel	Nucleic Acid Extraction	Research Plus	N61492L	NABL
IAV/MDF/EQ22	Micropipette Pipette (10µl-100 µl)	Nucleic Acid Extraction	Thermo scientific/Fin npipetteF2	SW18214	NABL
IAV/MDF/EQ23	Micropipette Pipette (20µl-200 µl)	Nucleic Acid Extraction	Thermo scientific/Fin npipetteF2	SW18364	NABL
IAV/MDF/EQ24	Micropipette Pipette (0.5µl-10 µl)	Nucleic Acid Extraction	Research Plus	H27801L	NABL
IAV/MDF/EQ25	Micropipette Pipette (2-20µl)	Nucleic Acid Extraction	Thermo scientific/Fin npipetteF2	SW15437	NABL
IAV/MDF/EQ26	Biosafety cabinet class II A2	Serology	HF Safe-1200LC	EX122112LC8570	ISO : 12469
IAV/MDF/EQ27	Refrigerator	PRE PCR	GL-1402RPZY	201PRLV106320	NABL
IAV/MDF/EQ28	Mini Spin Centrifuge	PRE PCR	AN-C-1008	HB21BBB0001555	NABL
IAV/MDF/EQ29	Vortex Mixture	PRE PCR	VMX-010	1007930155	NABL
IAV/MDF/EQ30	Micropipette Pipette (0.1µl-2.5µl)	PRE PCR	Research Plus	K53171K	NABL
IAV/MDF/EQ31	Micropipette Pipette (2µl-20 µl)	PRE PCR	Research Plus	R13335K	NABL
IAV/MDF/EQ32	Micropipette Pipette (20µl-200 µl)	PRE PCR	Research Plus	H15324L	NABL

IAV/MDF/EQ33	Micropipette Pipette (20µl- 200 µl)	PRE PCR	Research Plus	H13889J	NABL
IAV/MDF/EQ34	Micropipette Pipette (0.5µl- 10 µl)	PRE PCR	Research Plus	H27799L	NABL
IAV/MDF/EQ35	Micropipette Pipette (10µl- 100 µl)	PRE PCR	Research Plus	R14719K	NABL
IAV/MDF/EQ36	Micropipette Pipette (100µl- 1000µl)	PRE PCR	Research Plus	G39187L	NABL
IAV/MDF/EQ37	Micropipette Pipette (0.1µl- 2.5 µl)	PRE PCR	Research Plus	Q80570L	NABL
IAV/MDF/EQ39	Biosafety cabinet class II A2	Template Addition	HF-Safe- 1200LC	EX122112LC8553	ISO : 12469
IAV/MDF/EQ40	Refrigerator	Template Addition	GL-1402RPZY	201PRGN106319	NABL
IAV/MDF/EQ41	Micropipette Pipette (0.5µl- 10µl)	Template Addition	Research Plus	H28128L	NABL
IAV/MDF/EQ42	Micropipette Pipette (10µl- 100 µl)	Template Addition	Research Plus	R14719K	NABL
IAV/MDF/EQ43	Micropipette Pipette (100µl- 1000 µl)	Template Addition	Research Plus	H19480L	NABL
IAV/MDF/EQ44	Micropipette Pipette (0.5µl- 10 µl)	Template Addition	Research Plus	H27787L	NABL
IAV/MDF/EQ45	Micropipette Pipette (2µl-20 µl)	Template Addition	Research Plus	H20325L	NABL
IAV/MDF/EQ46	Mini Spin Centrifuge	Template Addition	AN-C-1008	HB186AG0000741	NABL
IAV/MDF/EQ47	Refrigerated Centrifuge	PCR	SORVALL ST- 8R	43262879	NABL
IAV/MDF/EQ55	-20 Deep Freezer	To Keep Reagents (Service Corridor)	DW-YL270H	ML903671122041L01 960	NABL
IAV/MDF/EQ56	-80 Deep Freezer	Sample Retention (Service Corridor)	FDE40086FV	1115990301210422	NABL
IAV/MDF/EQ57	-80 Deep Freezer	Sample Retention (Service Corridor)	DF80U	202009231	NABL
IAV/MDF/EQ58	-20 Deep Freezer	Sample Retention (Service Corridor)	VDF-2001	20F512	NABL

IAV/MDF/EQ59	-80 Deep Freezer	Sample Retention (Service Corridor)	CRYOCUBE F570n	F571LL001838	NABL
IAV/MDF/EQ60	-80 Deep Freezer	Sample Retention (Service Corridor)	CRYOCUBE F570n	F571LL701837	NABL
IAV/MDF/EQ61	-80 Deep Freezer	Sample Retention (Service Corridor)	CRYOCUBE F570n	F571LL401839	NABL
IAV/MDF/EQ62	Refrigerator	To Keep Reagents (Service Corridor)	YC-8301N	YC-8301N03230003	NABL
IAV/MDF/EQ63	-20 Deep Freezer	Nucleic Acid Retention	DW-YL270H	ML903671122081L01788	NABL
IAV/MDF/EQ64	Mini Spin Centrifuge	Specimen Mixing	AN-C-1008	HG5C015117	NABL
IAV/MDF/EQ65	Micropipette Pipette (100 µl-1000 µl)	Specimen Transferring	Research Plus	G48714K	NABL
IAV/MDF/EQ66	Micropipette Pipette (10 µl-100 µl)	Specimen Transferring	Research Plus	H15336K	NABL
IAV/MDF/EQ67	Micropipette Pipette (0.5 µl-10 µl)	Specimen Transferring	Research Plus	R15474J	NABL
IAV/MDF/EQ68	Micropipette Pipette (2µl-20 µl)	Specimen Transferring	Research Plus	H33560J	NABL
IAV/MDF/EQ69	Micropipette Pipette (20 µl-200 µl)	Specimen Transferring	FinnpipetteF2	SW18365	NABL
IAV/MDF/EQ70	Micropipette Pipette (10 µl-100 µl) Multichannel	Specimen Transferring	Thermo scientific/FinnpipetteF2	SW06335	NABL
IAV/MDF/EQ71	Pipette (10 µl-100 µl) Multichannel	Specimen Transferring	Thermo scientific/FinnpipetteF2	SW06336	NABL
IAV/MDF/EQ72	Biosafety cabinet class II A2	PRE PCR	HF-Safe-1200LC	EX122112LC5841	ISO : 12469
IAV/MDF/EQ87	Biosafety cabinet class III	Sample Processing	AC3-ABI	2023-193874	ISO : 12469
IAV/MDF/EQ89	Biosafety cabinet class II A2	Positive Control Addition	Biosafe-200A2	BX25-01-33	ISO : 12469

Instructions to Bidders including Terms and Conditions

1.Scope of Bid

Calibration of diagnostic equipment at Molecular Diagnostic Facility of the Institute (detailed list placed above) for ISO15189- NABL accreditation 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 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 for all the equipment as per the list and should have two years' experience in providing similar services (**proof to be submitted along with the bid**). **The authorisation from third party shall not be considered.**

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 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 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 representatives 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
CALIBRATION OF DIAGNOSTIC EQUIPMENTS FOR NABL ACCREDITATION

Name of the bidder :

SPECIFICATIONS	Compliance (Yes/No)	Remarks if any
The firm is accredited by NABL (ISO 17025) for providing calibration services for all the diagnostic/ analytical equipment as per the list attached above 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.		

Place & Date:

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

ANNEXURE II –
FINANCIAL BID

Sl No.	EQUIPMENT NAME	Qty	Charge per unit (without GST)	Total charges (without GST)
1	Refrigerator	5		
2	Refrigerated Centrifuge	3		
3	Biosafety cabinet class II A2	6		
4	Vortex mixture	3		
5	Micropipette Pipette (100µl-1000 µl)	5		
6	Micropipette Pipette (0.1µl-2.5 µl)	3		
7	Micropipette Pipette (30µl-300 µl) Multichannel	1		
8	Micropipette Pipette (20µl-200 µl)	5		
9	Micropipette Pipette (10µl-100 µl)	5		
10	Micropipette Pipette (120µl-1200 µl) Multichannel	1		
11	Micropipette Pipette (0.5µl-10 µl)	5		
12	Micropipette Pipette (2- 20µl)	4		
13	Micropipette Pipette (0.1µl- 2.5µl)	3		

14	Micropipette Pipette (10µl-100µl)	2		
15	Pipette (10 µl-100 µl) Multichannel	2		
16	Heating Water bath	1		
17	Mini Spin Centrifuge	4		
18	-20 Deep Freezer	3		
19	-80 Deep Freezer	5		
20	Biosafety cabinet class III	1		
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)

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 FOR NABL ACCREDITATION**

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)