



**PASTEUR INSTITUTE OF INDIA
COONOOR-643 103 (NILGIRIS)**

(Autonomous Institute under the Ministry of Health & Family Welfare,
Govt. of India, New Delhi)
Ph.0423 2231852, Fax - 0423-2231655, Email: purchasepiic@gmail.com

**TENDER NOTIFICATION FOR THE SUPPLY, INSTALLATION &
TRAINING OF LIQUID BATH TEMPERATURE CALIBRATOR AND
DRY BLOCK TEMPERATURE CALIBRATOR**

BID REF.NO.PIIC/TENDER/008/2022-23 DATED 20/09/2022

INTRODUCTION OF THE COMPANY

The Institute started functioning as Pasteur Institute of Southern India, on 6th April 1907 and the Institute took a new birth as The Pasteur Institute of India (registered as a society under the societies Act 1860) and started functioning as an autonomous body under the Ministry of Health and Family Welfare, Government of India, New Delhi since the 10th of February, 1977. A governing body manages the affairs of the Institute. The Institute is a charitable organization working on a no profit-no loss basis.

Pasteur Institute of India (PIIC), Coonoor is one of the leading organization which are into the production of Antirabies Vaccine and DPT group of Vaccines for the EPI programme of Govt. of India.

The scope of supply involved is detailed in the subsequent paragraphs and is precise to the extent possible.

SCOPE OF SUPPLY

The scope of supply is **Supply, Installation and Training Liquid Bath Temperature Calibrator and Dry Block Temperature Calibrator as per User Requirement Specification mentioned in Annexure I & II as detailed below:-**

S.No.	Equipment	Quantity
01.	Liquid Bath Temperature Calibrator (Range:-25°C to 125°C)	01 No
02.	Dry Block Temperature Calibrator (Range:0°C to 400°C)	01 No

DETAILS REGARDING IMPORTANT DATES ARE AS FOLLOWS:

S.No.	Description	Schedule
i.	Closing date & time for receipt of Tender	11/10/2022, 15.00 Hrs
ii.	Time and date of opening of Technical Bids	11/10/2022, 15:30 Hrs
iii.	Venue of opening of Tender	PASTEUR INSTITUTE OF INDIA, COONOOR.

The bids are invited for the **Supply, Installation and Training of Liquid Bath Temperature Calibrator and Dry Block Temperature Calibrator** as per specification and other details given in the bid document. All bidders who qualify the eligibility conditions as detailed in the bid document are eligible to participate except in the case of firms who are blacklisted / barred by competent agencies in participation and award of such contracts.



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1. Instruction to Bidders

The bids are invited on **two bid system**. The bid will constitute a Technical bid and Financial bid. Technical bid and financial bid to be submitted in separate sealed envelope. Technical bid cover along with financial bid cover should be kept in a separate single cover. Both the covers should be put in a single cover which should be superscribed as "**Tender for the Supply, Installation and Training of Liquid Bath Temperature Calibrator and Dry Block Temperature Calibrator due on 11/10/2022 by 15.00 Hrs.**" without fail. **The Tender Reference Number should also be mentioned on the cover without fail.** The covers containing the tenders should be sent to us on or before the due date. The tenders must reach the "**Director, Pasteur Institute of India, Coonoor**" not later than 15.00 Hrs on 11/10/2022. The financial bid of the technically qualified parties will only be opened for financial evaluation.

- 1.1 Bidders can send their queries and clarifications to address given in clause 1.2 or by email purchasepiic@gmail.com, up to three days prior to the due date of bid submission.
- 1.2 Bids shall be addressed by designation only to:
The Director
Pasteur Institute of India,
Coonoor – 643 103.
Nilgiris, Tamilnadu
- 1.3 Due date of submission of the bid will be on **11/10/2022, upto 15:00 Hrs**. The technical bid will be opened on the same day at **15:30 hrs**. The financial bid of only those bidders who are qualifying the minimum eligibility criteria & technical specification will be opened. The date & time of financial bid opening shall be intimated separately to the technically qualified parties.
- 1.4 The tenders once submitted shall remain valid upto 120 days and the tender will not be entitled to withdraw the tenders or to suggest any change therein within the said period.
- 1.5 Technical specification of both the products should be submitted separately for easy evaluation.
- 1.6 List of clients with contact address, phone no, email id to whom similar type of calibrators is supplied and installed by the tenderer in the previous two years should be sent as per Annexure X along with the Technical bid without fail.
- 1.7 All pages of the tender should be duly signed by the authorized signatory with company seal.
- 1.8 Non compliance of terms and conditions by successful tenderer will lead black listing and suspension of the tenderer.



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- 1.9 PIIC reserves the right to award the contract to deserving parties either in full or in parts. The decision of PIIC is final and unquestionable.
- 1.10 In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 1.11 The bidder or the OEM of the offered products must have ISO 9001 certification.
- 1.12 The bidder should not be under liquidation, court receivership or similar proceedings should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- 1.13 Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 5 years residual market life i.e., the offered product shall not be declared end-of-life by the OEM before this period
- 1.14 Specification/Compliance of the product offered in the bid should be submitted as per Annexure VI & VII along with the bid documents to verify with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
- 1.15 Details of service after sales to render services for equipment to be furnished with complete address, telephonic numbers, emails etc in the technical bid without fail. It shall be the responsibility of seller to ensure that service centers are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled. Details of toll free numbers, mobile number for service call and online registration of service requested also to be provided.
- 1.16 PIIC reserves the right to increase or decrease the quantity to be ordered at the time of placement of order. Tenderers are bound to accept the orders accordingly.

2. Mode of submission of Tenders:

- a. **Tender Cost/Tender fee:** NIL
- b. **EMD:** NIL
- c. **Performance Security:** As per terms and conditions class '3'

2.1 DOCUMENTS TO BE SUBMITTED ALONG WITH THE TECHNICAL BID

- a. Bid Data Sheet as per Annexure III.
- b. Detailed specifications, along with Make, Model No. etc
- c. Specifications Compliance as per Annexure VI and VII
- d. Manufacturer Authorization Form as per Annexure IX
- e. List of companies and cGMP companies to whom similar type of calibrators were supplied, installed during the previous last two years as per Annexure X (Purchase order copies and satisfactory completion certificates should be enclosed without fail)
- f. Bid Security Declaration Form as per Annexure XI



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- g. Past three years Profit and Loss account and balance sheet certified by a Chartered accountant (only main pages should be enclosed).
- h. Latest IT return statement
- i. Undertaking that the bidder is not under liquidation, court receivership or similar proceedings, nor bankrupt.
- j. MOC Certificate for all components, equipments data sheet, material test certificates and Warranty Card should be submitted along with the bid.

2.2 DOCUMENTS TO BE SUBMITTED ALONG WITH THE FINANCIAL BID

- a. Financial bid
- b. Schedule of Requirement as per the format enclosed in Annexure IV
- c. Format of submission of bid as per Annexure V
- d. Bid form as per the format enclosed in Annexure VIII

3. Minimum Eligibility Criteria

- 3.1 The Tenderer has to be a manufacturer or authorized dealer of the Schedule equipment (OR) has to be an authorized Indian representative / agent of the original equipment manufacturer/s of the Scheduled equipment. In case of authorized dealer / agent, the Manufacturer's Authorization certificate/Form (as shown in Annexure –IX of the tender document) from the Manufacturer to be attached.
- 3.2 The bidder must have proven and demonstrable experience in supply of scheduled equipment provided for the last five financial years. (Copy of Purchase orders (PO) to be provided).
- 3.3 The bidder must have supplied, installed and commissioned similar to the type as specified in the schedule during the last five financial years as per the schedules mentioned above. Completion certificates / Handing over report/ Proof to be provided.
- 3.4 Net worth of the company shall be positive during the last three financial years. The balance sheet, profit and loss account for last three financial years certified by a Chartered Accountant shall be submitted.
- 3.5 The Average Annual Turnover of the tenderer for the last three financial years certified by a Chartered Accountant shall be submitted.

4. COUNTRY OF ORIGIN

- 4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- 4.2 The word “origin” incorporated in this clause means the place from where the goods are manufactured, produced or processed or from where the services are arranged.
- 4.3 The country of origin may be specified in the Price Schedule

5. Bid Evaluation

Bid determined to be substantially responsive will be checked by PIIC for any arithmetic errors and the same will be corrected as follows:

- a. Where there is a discrepancy between the rates in figures and in words, the rates in words will prevail.



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- b. Where there is a discrepancy between the unit price and the total price resulting from the multiplying the unit price by the quantity, the unit price as quoted shall prevail.
- c. The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees.

6. Tender Price & Documents

- a. The price of the goods should be quoted strictly in **Indian Rupee** on **FOR PII COONOOR basis** with the detailed breakup of ex-factory/ex-showroom/ex-warehouse, as applicable, including GST, Custom Duty etc.
- b. Charges towards Freight, Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from their warehouse to the PIIC for a period, including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule.
- c. The charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from warehouse to the PIIC for a period including 3 months beyond date of delivery

7. BID SECURITY DECLARATION FORM

Bid Security declaration form as per Annexure XI to be submitted.

8. DISTRIBUTION OF DISPATCH DOCUMENTS FOR CLEARANCE/ RECEIPT OF GOODS

- 8.1 The supplier shall send all the relevant dispatch documents well in time to the Purchaser/Consignee, to enable the Purchaser/Consignee receive the goods in terms of the contract.
- 8.2 Within 24 hours of dispatch, the supplier shall notify PIIC, the complete details of dispatch and also submit the following documents as per the instruction of purchaser:
 - a. Three copies of supplier's invoice showing contract/PO number, goods description, quantity, unit price and total amount.
 - b. Two copies of packing list identifying contents of each package, if any
 - c. Inspection certificate issued by the nominated Inspection agency, if any.
 - d. Certificate of origin, if any
 - e. Insurance Certificate, if any
 - f. Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

9. EXEMPTIONS/FORMS

- a) PIIC will not be giving any duty exemption, GST Concession form.
- b) The tenderers who are currently registered with National Small Industries Corporation (NSIC) MSME shall be eligible for exemption from EMD. In case the tenderer falls in these categories, they should furnish copy of the valid registration details as the case may be.



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10. REJECTION OF BIDS

Notwithstanding the above conditions, PIIC reserves the right to accept or reject any offer, and to annul the tender process and reject all offers, at any time prior to award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligations to inform the affected Bidder or Bidders of the grounds for PIIC action.

11. NOTIFICATION OF AWARD

- 11.1 Prior to the expiry of the period of offer validity prescribed by PIIC, PIIC will notify the successful Bidder by email, registered post/ courier, that his offer has been accepted. The purchase order will be issued to the successful bidder. No correspondence will be entertained by PIIC from the unsuccessful Bidders.
- 11.2 Upon selection of the successful bidder (technically qualified L1 party) PIIC will promptly notify the same to successful Bidder through a Purchase Order.



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TERMS AND CONDITIONS

1. DEFINITION:

- 1.1 For the purpose of this contract, the following words and expressions shall have the meaning hereby assigned to them except where the context otherwise requires:-
- "PIIC" means Pasteur Institute of India, Coonoor, which expression shall unless excluded by or repugnant to the context include PIIC's representative.
 - "Contractor/ Bidder" Means successful lowest bidder.
 - "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
 - "Performance Security" means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
 - "Consignee" means the organization/person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of dispatch to another person as provided in the Contract then that "another" person is the consignee, also known as ultimate consignee.

2. PAYMENT SCHEDULE:

Payment shall be made as specified in the contract in the following manner:

Sl.No	Stage	Percentage (%)
1.	After supply, successful Installation, submission of all documents such as MOC Certificates for all components. Equipments data sheet and material test certificates, Warranty Card & Final Acceptance approved by authorized PIIC's Representative	100% of the order value

3. PERFORMANCE SECURITY

- 3.1 Successful tenderer will have to furnish Performance Security @ 3% of the total contract value in the form of a Demand Draft drawn in favour of "The Director, Pasteur Institute of India" payable at any Nationalized Bank in Coonoor or by NEFT to our bank account directly.
- 3.2 Failure of the successful Bidder to furnish the required Performance Security shall constitute sufficient grounds for considering not issuing contract on their behalf and the next L2 vendor will be considered for awarding contract.
- 3.3 Forfeiture of Performance Security:
In case, the Contractor/ Bidder fails to complete the work, as per the commitment in the tender, PIIC, without prejudice to rights and remedies available under the contract, shall forfeit and en-cash the Performance Security submitted by the tenderer.



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- 3.4 Non compliance of terms and conditions by successful tenderer will lead to suspension for participation of any tenderer for a period of one year.
- 3.5 The Performance security will be refunded to you only after 3 months from the date of satisfactory completion of installation and submission of documents.

4. ADDITIONS/DELETIONS

- 4.1 PIIC shall have the right to direct in writing for changes, additions, modifications or deletions in the items shown in Annexure I or any part of the work and to request in writing additional work in connection therewith and the Contractor/ Bidder shall comply with such directions.
- 4.2 The Contractor/ Bidder shall not make any deviations, alterations, additions, to or omissions from the work shown/described and awarded to the Contractor/ Bidder except through and with proper approval of PIIC.

5. TIME SCHEDULE

- 5.1 The day of commencement of delivery period will be reckoned from the date of issue of Purchase order.
- 5.2 The material shall be delivered and installed at site within 3-4 weeks from the date of issue of purchase order or as per delivery terms mentioned in the Purchase Order.
- 5.3 The Final Acceptance Certificate shall be issued on completion of the entire scope of supply by the vendor.
- 5.4 The supply and installation shall be carried out with all due diligence and as per the time schedule specified above. In case of any delay/default, of the Contractor/ Bidder to adhere to the agreed time schedule, PIIC shall recover the liquidated damages from the Contractor/ Bidder at the rate of 0.5% (Zero point Five percent) of the total amount of fee per week of delay of any activity subject to a maximum of 3% (Three percent) of the total order value. However, if there is a purposeful delay by the Contractor/ Bidder, PIIC reserves all rights to terminate the contract and get the full work executed at his risk and cost.

6. EXTENSION OF TIME

- 6.1 To adhere to the above mentioned time schedule the Contractor/ Bidder shall provide on demand necessary documents, information and certificates/ undertakings to PIIC. Any delay in supplying the requisite documents and delay due to any other cause beyond the control of the Contractor/ Bidder shall be considered for grant of extension of time. If the Contractor/ Bidder require extension of time, they shall intimate in writing to PIIC within 3 days of the occurrence of such hindrance/delay, along with proper documents. PIIC after satisfying itself about the reasonableness of grounds may grant extension of time, if it is justified and communicated the same in writing. Whenever such extension of time is granted, it would be without prejudice to the rights



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of PIIC for any penal action to the extent of the delay attributable to the Contractor/ Bidder. Any extension of time granted as stated above shall neither entitle the Contractor/ Bidder to any claim for increase in their fees nor shall it release him from any of the obligations under the said agreement.

7. ABANDONMENT OF WORK

- 7.1 If the Contractor/ Bidder/ supplier abandons the work for any reason whatsoever or becomes incapacitated as aforesaid, PIIC shall forfeit/en-cash the Performance Guarantee. PIIC shall be at liberty to make full use of all or any of material supplied by the Contractor/ Bidder/ supplier. The Contractor/ Bidder/ supplier shall also be liable to refund all the charges paid to him up to date plus such damages as may be assessed by PIIC including the recovery of liquidated damages.
- 7.2 Provided, however, that in the event of the termination of the agreement under proper notice as provided in the clause hereinafter, the Contractor/ Bidder shall be liable to refund any excess payment made to him over and above which is due to him in accordance with the terms of this agreement, for the work executed by him till the date of termination of agreement.

8. WARRANTY

- 8.1 The bidder shall give warranty of the equipment for a minimum period of **2 years (Two years)** from the date of final acceptance certificate from PIIC. PIIC shall grant right of access to the Contractor/ Bidder, of this portion of the work claimed to be defective for inspection and rectification.
- 8.2 PIIC may recover the loss from the dues of the Contractor/ Bidder in case of failure to comply with the above clause.

9. TRAINING

- 9.1 Onsite training should be provided on free of cost basis.

10. DETERMINATION AND RESCISSION OF TERMS & CONDITIONS

- 10.1 When the Contractor/ Bidder have made himself liable for action under any of the clauses aforesaid, PIIC shall have powers. To rescind the agreement to engage another Contractor/ Bidder to carry out the balance work debiting the Contractor/ Bidder the extra amount, if any, so spent for getting the balance work done. In such case, the Performance Security submitted by the tenderer will also be forfeited.
- 10.2 This amount would be in addition to the recovery of liquidated damages.



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11. GENERAL

- 11.1 The Contractor/ Bidder shall be fully responsible for the technical soundness of the material and also ensure that the material is supplied as per the specifications.
- 11.2 The Contractor/ Bidder hereby agrees that the charges to be paid as provided herein will be in full discharge of functions to be performed by him and no claim whatsoever shall be made against PIIC in respect of any proprietary rights or copy right on the part of any other party relating to plans, models and drawings.
- 11.3 The Contractor/ Bidder shall indemnify and keep indemnified Pasteur Institute of India against any such claims and all costs and expenses paid by PIIC in defending such claims to be borne by the Contractor/ Bidder.
- 11.4 The Contractor/ Bidder hereby agrees that PIIC shall have the right to take out any of the activities, which in the opinion of PIIC is not being performed by the Contractor/ Bidder with due diligence, and within the agreed time schedule, and which can be performed independently. The fees or the expenses incurred shall be debited to the Contractor/Bidder.

12. ARBITRATION

- 12.1 All disputes or differences whatsoever arising between the parties out of or relating to the Contractor/ Bidder services, meaning and operations or effect of this contract or the breach thereof shall be settled by arbitration. Matters to be arbitrated upon shall be referred to a sole Arbitrator, to be appointed by PIIC and the award made in pursuance thereof shall be binding on the parties. Such arbitration shall be governed by the Indian Arbitration and Conciliation Act 1996.
- 12.2 The place of arbitration shall be at **Udhagamandalam**.

13. FALL CLAUSE

The prices charged for this particular service/supply under the Contract by the supplier/service provider shall in no event exceed the lowest price at which the supplier/service provider sells the service/supply of identical description to any person(s)/organization (s) including the Purchaser or any Department of the Central Government or any Department of a State Government or any statutory undertaking of the Central or a State Government, as the case may be, during the period till performance of all Supply Orders placed during the currency of Rate Contract is completed.



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14. STATUTORY VARIATIONS

In case of statutory variation in regard to taxes/levies, within the stipulated date of completion of individual agreement, the same shall be paid or recovered as per the actual against documentary proof. However beyond this period PIIC will take advantage of any reduction in taxes/levies but will not pay extra on account of increase in taxes/levies

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DIRECTOR



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ANNEXURE - I

USER REQUIREMENT SPECIFICATION	
TITLE	Liquid Bath Temperature Calibrator

1. ABBREVIATION

1.1	BIS	Bureau of Indian Standards
1.2	C	Celsius
1.3	CD	Compact Disc
1.4	CE	Conformity European
1.5	cGMP	Current Good Manufacturing Practice
1.6	ENG	Engineering
1.7	FLCV	Full lifetime cycle validation
1.8	IEC	International Electro technical Commission
1.9	IQ	Installation Qualification
1.10	MOC	Material of Construction
1.11	NABL	National Accreditation Board for Testing and Calibration Laboratories
1.12	NIST	National Institute of Standards and Technology
1.13	OEM	Original Equipment Manufacturer
1.14	OQ	Operation Qualification
1.15	QA	Quality Assurance
1.16	SOP	Standard Operating Procedure
1.17	URS	User Requirements Specification

2. OBJECTIVE

- 2.1 The objective of this document is to describe the User Requirement Specifications for Liquid Bath Temperature Calibrator

3. EQUIPMENT REQUIREMENT

3.1 Liquid Bath Temperature Calibrator

- 3.1.1 Portable type
3.1.2 Operating Range : -25°C to 125°C
3.1.3 Accuracy: ± 0.25 °C (less than or equal to)
3.1.4 Resolution : 0.01 °C
3.1.5 Stability : ± 0.05 °C
3.1.6 Uniformity: ± 0.02 °C



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- 3.1.7 Heating Time : 55 minutes (Ambient to Full Range)
- 3.1.8 Cooling Time : 45 minutes (Full Range to Ambient)
- 3.1.9 Stabilization Time : 12 minutes
- 3.1.10 Well Depth Size : 150 mm
- 3.1.11 Well Diameter : 4 inches or Well Working Area: 3 inches x 3 inches
- 3.1.12 Input supply : 220 volts to 240 volts
- 3.1.13 Accessories : Magnetic Stirrer (if applicable), Probe Clamp, Adjustable Probe Fixer, Carrying Case, the silicone oil shall be provided for extra refilling,
- 3.1.14 Equipment weight should not be more than 15 kg
- 3.1.15 Equipment Standards : BIS/CE

4. SECURITY FUNCTIONS

- 4.1 Firmware updates: Provision of updating the main unit when updates are available and it should be in FLCV(full lifetime cycle validation)

5. cGMP REQUIREMENTS

- 5.1 All materials used for construction shall be suitable for clean room environment to avoid risk of particle generation.
- 5.2 The Liquid Bath Temperature Calibrator shall be used for calibrating the temperature sensor, temperature gauge, temperature transmitter, temperature indicator and temperature switch.

6. SAFETY REQUIREMENTS

6.1 Product Safety:

- 6.1.1 The equipment should not cause any harmful interference to human and Environment

6.2 Personnel Safety:

- 6.2.1 No component of the Equipment should generate noise in excess of decibel measured at 1 meter distance from the component (not more than 75 db).
- 6.2.2 Equipment should adhere the IEC



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7. DOCUMENTATION REQUIREMENTS

- 7.1 IQ/OQ & SOP protocol soft and hard copies.
- 7.2 Operation & Maintenance manual.
- 7.3 MOC certificate for all components, equipments data sheet and material test certificates.
- 7.4 Calibration certificate traceable NABL/NIST/OEM (From -25°C to 125°C minimum five point calibrations is mandatory for the instrument).
- 7.5 List of accessories/spare parts.
- 7.6 Warranty card to be provided.
- 7.7 Training shall be provided.



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ANNEXURE - II

USER REQUIREMENT SPECIFICATION	
TITLE	DRY BATH TEMPERATURE CALIBRATOR

1. ABBREVIATIONS

1.1	BIS	Bureau of Indian standards
1.2	C	Celsius
1.3	CD	Compact Disc
1.4	CE	Conformity European
1.5	cGMP	current Good Manufacturing Practice
1.6	ENG	Engineering
1.7	FLCV	Full lifetime cycle validation
1.8	IEC	International Electro technical Commission
1.9	IQ	Installation Qualification
1.10	MOC	Material of Construction
1.11	NABL	National Accreditation Board for Testing and Calibration Laboratories
1.12	NIST	National Institute of Standards and Technology
1.13	OEM	Original Equipment Manufacturer
1.14	OQ	Operational Qualification
1.15	QA	Quality Assurance
1.16	SOP	Standard Operating Procedure
1.17	URS	User Requirements Specification

2. OBJECTIVE

- 2.1 The objective of this document is to describe the User Requirement Specifications for Dry Block Temperature Calibrator.



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3. EQUIPMENT REQUIREMENT

3.1 Dry Block Temperature Calibrator

- 3.1.1 Portable type (Vertical)
- 3.1.2 Operating Range : 0°C to 400°C
- 3.1.3 Accuracy : $\pm 0.25^\circ\text{C}$ (from 0°C to 125°C) and $\pm 0.5^\circ\text{C}$ (from 125.1°C to 400°C)
- 3.1.4 Resolution : 0.01°C
- 3.1.5 Stability : $\pm 0.05^\circ\text{C}$
- 3.1.6 Heating Time : 25 minutes (Ambient to Full Range)
- 3.1.7 Cooling Time : 35 minutes (Full Range to Ambient)
- 3.1.8 Stabilization Time : 10 minutes
- 3.1.9 Interchangeable well
- 3.1.10 Well Depth Size : 100 mm
- 3.1.11 Well to Well Uniformity : $\pm 0.1^\circ\text{C}$
- 3.1.12 Well Diameter : 25 mm to 40 mm
- 3.1.13 Well Hole Diameter : 8 mm, 10 mm, 12 mm (Each one number from diameter mentioned) minimum two holes in each well
- 3.1.14 Multi Hole Size Well : 1No (3 mm, 4 mm, 6 mm)
- 3.1.15 Well Required : 4 No's
- 3.1.16 Input supply : 220 volts to 240 volts
- 3.1.17 Accessories : Carrying Case, Thermo well, Well Insertion Tool
- 3.1.18 Equipment weight should not be more than 10 kg
- 3.1.19 Equipment Standards : BIS/CE

4. SECURITY FUNCTIONS

- 4.1 Firmware updates: Provision of updating the main unit when updates are available and it should be in FLCV (full lifetime cycle validation).

5. cGMP REQUIREMENTS

- 5.1 All materials used for construction shall be suitable for clean room environment to avoid risk of particle generation.
- 5.2 The Dry Block Temperature Calibrator shall be used for calibrating the temperature sensor, temperature gauge, temperature transmitter, temperature indicator and temperature switch.



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6. SAFETY REQUIREMENTS

6.1 Product Safety:

6.1.1 The equipment should not cause any harmful interference to Human and Environment.

6.2 Personnel Safety:

6.2.1 No component of the Equipment should generate noise in excess of decibel measured at 1 meter distance from the component (not more than 75 db).

6.2.2 Equipment should adhere the IEC

7. DOCUMENTATION REQUIREMENTS

7.1 IQ/OQ & SOP protocol soft and hard copies

7.2 Operation & Maintenance manual.

7.3 MOC certificate for all components, equipments data sheet and material test certificates.

7.4 Calibration certificate traceable NABL/NIST/OEM. (From 0 °C to 125°C minimum five point calibration is mandatory and also from 125.1°C to 400°C minimum five point calibration is mandatory for the instrument).

7.5 List of accessories/spare parts.

7.6 Warranty card to be provided.

7.7 Training shall be provided.



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ANNEXURE – III

**(to be submitted in the supplier's letter head)
BID DATA SHEET**

S.No	Description	Details
01.	Tenderer Quotation No. and date	
02.	PIIC Tender reference number	BID Ref. No. PIIC/TENDER/008/2022-23 dated 20/09/2022
03.	Due date for submission	11/10/2022 UPTO 15:00 HRS
04.	Name & Address of the bidder	
05.	Year of establishment	
06.	Type of the firm	Public Ltd/Pvt Ltd./Partnership/Regd. firm
07.	Contact Phone-Office	
08.	Mobile Phone No.	
09.	Email	
10.	PAN Number	
11.	GST Number	
12.	Contact person name	
13.	Delivery Period	
14.	Warranty	
12.	Copy of PAN of Directors/Partners	Attached/Not Attached
13.	Latest IT return statement	Attached/Not Attached
14.	Past three years P & L, Balance Sheet	Attached/Not Attached
15.	All pages of bid document duly sealed and signed by the authorized person	Attached/Not Attached
16.	Power of Attorney/Authorization to sign the bid	Attached/Not Attached
17.	Manufacturer's authorization letter	Attached/Not Attached
18.	Bid Security Declaration Form	Attached/Not Attached
19.	List of Pharmaceutical companies and cGMP companies to whom supplied & installed in the last two years	Attached/Not Attached



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(to be submitted in the supplier's letter head alongwith Financial Bid)

ANNEXURE -IV

PART A

SCHEDULE OF REQUIREMENT

Sl.No.	Description of the item	Unit Rate (Rs)	GST	Total Amount with GST (Rs)
01.	Liquid Bath Temperature Calibrator (Range:-25°C to 125°C)			
02.	Dry Block Temperature Calibrator (Range:0°C to 400°C)			
	Total Amount in (Rs)			

NB: Unit price shall be written in figures and words

Total Tender price in Rupees: _____

In Words: _____

Note:

If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.

Name: _____

Business Address: _____

Place: _____ Signature of Tenderer _____

Date: _____ Seal of the Tenderer _____



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(to be submitted in your letter head alongwith Financial Bid)

ANNEXURE – V

S.No.	Description	Details
01.	Tenderer Quotation No. and date	
02.	PIIC Tender reference number	BID Ref. No. PIIC/TENDER/008/2022-23 dated 20/09/2022
03.	Due date for submission	11/10/2022 UPTO 15:00 HRS
04.	Name & Address of the bidder	
05.	Year of establishment	
06.	Type of the firm	Public Ltd/Pvt Ltd./Partnership/Regd. firm
07.	Contact Phone-Office	
08.	Mobile Phone No.	
09.	Email	
10.	PAN Number	
11.	GST Number	
12.	Contact person name	
13.	Unit rate	
14.	GST (No concessional certificate will be issued by PIIC)	@
15.	Packing & Forwarding if applicable	
16.	FOR Institute	YES / NO
17.	If not quoted for FOR Institute freight charges applicable	
18.	Delivery period	



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19.	Warranty	2 Years	YES/NO
21.	Payment terms	100% after supplying of items through NEFT to your bank A/c	



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(to be submitted in the supplier's letter head and to be enclosed with Technical Bid)

SPECIFICATION/COMPLIANCE –LIQUID BATH TEMPERATURE CALIBRATOR

ANNEXURE –VI

S.No.	Description	Details
01.	Portable type	YES/NO
02.	Operating Range : -25°C to 125°C	YES/NO
03.	Accuracy: ± 0.25 °C (less than or equal to)	YES/NO
04.	Resolution : 0.01 °C	YES/NO
05.	Stability : ± 0.05 °C	YES/NO
06.	Uniformity: ± 0.02 °C	YES/NO
07.	Heating Time : 55 minutes (Ambient to Full Range)	YES/NO
08.	Cooling Time : 45 minutes (Full Range to Ambient)	YES/NO
09.	Stabilization Time : 12 minutes	YES/NO
10.	Well Depth Size : 150 mm	YES/NO
11.	Well Diameter : 4 inches or Well Working Area: 3 inches x 3 inches	YES/NO
12.	Input supply : 220 volts to 240 volts	YES/NO
13.	Equipment weight should not be more than 15 kg	YES/NO
14.	Equipment Standards : BIS/CE	YES/NO
15.	Firmware updates: Provision of updating the main unit when updates are available and it should be in FLCV(full lifetime cycle validation)	YES/NO
16.	All materials used for construction shall be suitable for clean room environment to avoid risk of particle generation.	YES/NO
17.	The equipment should not cause any harmful interference to human and Environment	YES/NO
18.	No component of the Equipment should generate noise in excess of decibel measured at 1 meter distance from the component (not more than 75 db).	YES/NO
19.	Equipment should adhere the IEC	YES/NO
20.	The equipment should not cause any harmful interference to human and Environment	YES/NO
21.	IQ/OQ & SOP protocol soft and hard copies	YES/NO
22.	Operation & Maintenance manual with CD.	YES/NO
23.	MOC certificate for all components, equipments data sheet and material test certificates.	YES/NO
24.	Calibration certificate traceable NABL/NIST/OEM (From -25°C to 125°C minimum five point calibrations is mandatory for the instrument).	YES/NO
25.	List of accessories/spare parts.	YES/NO
26.	Warranty card to be provided.	YES/NO
27.	Training should be provided	YES/NO
28.	Warranty period : 2 years	YES/NO
29.	Accessories : Magnetic Stirrer (if applicable), Probe Clamp, Adjustable Probe Fixer, Carrying Case, the silicone oil shall be provided for extra refilling	YES/NO



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SPECIFICATION/COMPLIANCE –DRY BLOCK TEMPERATURE CALIBRATOR

ANNEXURE –VII

S.No.	Description	Details
01.	Portable type (Vertical)	YES/NO
02.	Operating Range : 0°C to 400°C	YES/NO
03.	Accuracy : ±0.25°C (from 0°C to 125°C) and ±0.5°C (from 125.1°C to 400°C)	YES/NO
04.	Resolution : 0.01°C	YES/NO
05.	Stability : ±0.05°C	YES/NO
06.	Heating Time : 25 minutes (Ambient to Full Range)	YES/NO
07.	Cooling Time : 35 minutes (Full Range to Ambient)	YES/NO
08.	Stabilization Time : 10 minutes	YES/NO
09.	Interchangeable well	YES/NO
10.	Well Depth Size : 100 mm	YES/NO
11.	Well to Well Uniformity : ±0.1°C	YES/NO
12.	Well Diameter : 25 mm to 40 mm	YES/NO
13.	Well Hole Diameter : 8 mm, 10 mm, 12 mm (Each one number from diameter mentioned) minimum two holes in each well	YES/NO
14.	Multi Hole Size Well : 1No (3 mm, 4 mm, 6 mm)	YES/NO
15.	Well Required : 4 No's	YES/NO
16.	Input supply : 220 volts to 240 volts	YES/NO
17.	Equipment weight should not be more than 10 kg	YES/NO
18.	Equipment Standards : BIS/CE	YES/NO
19.	Firmware updates: Provision of updating the main unit when updates are available and it should be in FLCV (full lifetime cycle validation).	YES/NO
20.	All materials used for construction shall be suitable for clean room environment to avoid risk of particle generation.	YES/NO
21.	The equipment should not cause any harmful interference to Human and Environment.	YES/NO
22.	No component of the Equipment should generate noise in excess of decibel measured at 1 meter distance from the component (not more than 75 db).	YES/NO
23.	Equipment should adhere the IEC	YES/NO
24.	The equipment should not cause any harmful interference to Human and Environment.	YES/NO
25.	IQ/OQ & SOP protocol soft and hard copies	YES/NO
26.	Operation & Maintenance manual with CD.	YES/NO
27.	MOC certificate for all components, equipments data sheet and material test certificates.	YES/NO
28.	Calibration certificate traceable NABL/NIST/OEM. (From 0 °C to 125°C minimum five point calibration is mandatory and also from 125.1°C to 400°C minimum five point calibration is mandatory for the instrument).	YES/NO
29.	List of accessories/spare parts.	YES/NO
30.	Accessories : Carrying Case, Thermo well, Well Insertion Tool	YES/NO
31.	Warranty period : 2years	YES/NO



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(to be submitted in the supplier's letter head)

ANNEXURE – VIII

BID Ref. No. PIIC/TENDER/008/2022-23 dated 20/09/2022

BID FORM

Item:

Having examined the bidding documents, including amendments of which is hereby acknowledged, we the undersigned, offer to execute the contract including the supply and delivery of the goods (FOR PII Coonoor) in full conformity with the said bidding documents for the sum of:

In Fig:

In Words

(Hereinafter call: The Total Bid Price”) or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Scheduled attached herewith and are made part of this bid.

We undertake, if our bid is accepted, to execute the contract in accordance with the delivery schedule specified in the schedule of requirements.

If our bid is accepted, we undertake to provide a performance security in the form, in the amounts, and within the times specified in the Bidding Documents.

We agree to abide by this bid, for the Bid Validity period specified in their Bid Data Sheet and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

Dated:

Signed by:

In the capacity of



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(to be submitted in the supplier's letter head)

ANNEXURE-IX

MANUFACTURER'S AUTHORISATION FORM

To

**The Director
Pasteur Institute of India
Coonoor 643 103**

Dear Sir,

Ref: Your Tender document No _____, dated _____

We, _____ who are proven and reputable manufacturers of _____ (*name and description of the goods offered in the tender*) having factories at _____, hereby authorize Messrs _____ (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs. _____ (*name and address of the above agent*) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, AMC/CMC as applicable for the goods and services offered for supply and installation by the above firm against this Tender Document.

Yours faithfully,

[*Signature with date, name and designation*]

for and on behalf of Messrs _____

[*Name & address of the manufacturers*]

NOTE:

This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer



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(to be submitted in the supplier's letter head)

ANNEXURE -X

Details of Companies to whom supplied & installed in the last TWO years

Sl. No	Name, Address, Contact No, Email id, Contact person No	Project Details		Completion Date
		Details of the equipments supplied	Project Value Rs Lakhs	
1				
2				
3				
4				
5				
6				

Satisfactory completion certificates from the clients should be attached.



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(to be submitted in the supplier's letter head)

ANNEXURE -XI

BID SECURITY DECLARATION FORM

I/We hereby declare that we will not withdraw or modify our Bids during the period of validity, or if we are awarded the contract and we fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document. I/We understand that we will be suspended for the period of time specified in the request for bids document from being eligible to submit Bids for contracts with the entity that invited the Bids.

Name & Signature of the Authorized Signatory
with seal