



**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 AND TRAINING OF
UV VISIBLE SPECTROPHOTOMETER**

BID REF.NO.PIIC/TENDER/008/2023-24 DATED 19/12/2023

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 of UV Visible Spectrophotometer as per User Requirement Specification mentioned in Annexure I as detailed below:-**

S.No.	Equipment	Quantity
1	UV Visible Spectrophotometer	01 No

DETAILS REGARDING IMPORTANT DATES ARE AS FOLLOWS:

S.No.	Description	Schedule
i.	Closing date & time for receipt of Tender	10/01/2024, 15.00 Hrs
ii.	Time and date of opening of Technical Bids	10/01/2024, 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 UV Visible Spectrophotometer** 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 EMD cover & 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 UV Visible Spectrophotometer" due on 10/01/2024 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 10/01/2024. 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 **10/01/2024, 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 the product should be submitted for easy access and for its evaluation.
- 1.6 List of clients with contact address, phone no, email id to whom similar UV Visible Spectrophotometer supplied and installed by the tenderer in the previous two years should be sent as per Annexure XI 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 3 years residual market life i.e., the offered product shall not be declared end-of-life by the OEM before this period
- 1.14 Data Sheet of the product offered in the bid should be submitted along with the bid documents to verify the Data Sheet 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. 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. User Requirement specification as per Annexure I
- b. Bid Data Sheet as per Annexure II.
- c. Detailed specifications, along with Make, Model No. etc
- d. Specifications Compliance/Data Sheet as per Annexure V
- e. Manufacturer Authorization Form as per Annexure VIII
- f. List of companies and cGMP companies to whom similar type of UV Visible Spectrophotometer were supplied, installed during the previous Two years as per Annexure IX (Purchase order copies and satisfactory completion certificates should be enclosed without fail)
- g. Bid Security Declaration Form as per Annexure X



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- h. Past three years Profit and Loss account and balance sheet certified by a Chartered accountant (only main pages should be enclosed).
- i. Latest IT return statement
- j. Undertaking that the bidder is not under liquidation, court receivership or similar proceedings, nor bankrupt.
- k. 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 III
- c. Format of submission of bid as per Annexure IV
- d. Price schedule for CMC as per format enclosed in Annexure VI
- e. Bid form as per the format enclosed in Annexure VII

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 – VIII 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 two 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



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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.
- 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.

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/off-the-shelf, as applicable, including all taxes and duties like GST, Custom Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
- b. Any sales or other taxes and any duties, which will be payable on the goods in India, if the contract is awarded to the tenderer.
- c. Charges towards 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.
- d. 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. DISTRIBUTION OF DISPATCH DOCUMENTS FOR CLEARANCE/ RECEIPT OF GOODS

- 7.1 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.
- 7.2 The usual documents involved and the drill to be followed in general for this purpose are as follows.
- 7.3 Within 24 hours of dispatch, the supplier shall notify PIIC, and others concerned if mentioned in the contract, 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.



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8. 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.

9. 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.

10. NOTIFICATION OF AWARD

- 10.1 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.
- 10.2 Upon selection of the successful bidder (technically qualified L1 party) PIIC will promptly notify the same to successful Bidder through a Purchase Order.
- 10.3 EMD's of unsuccessful bidders will be returned only after finalizing the L1 Party and EMDs of technically non-qualified bidders will be returned after financial bid opening.



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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. PAYMENT FOR COMPREHENSIVE MAINTENANCE CONTRACT CHARGES:

- The Purchaser will enter into CMC with the supplier at the rates as stipulated in the contract, three months prior to completion of warranty period. The payment of CMC will be made on half yearly basis after satisfactory completion of said period, duly certified by the Purchaser.
- However, entering into an agreement on CMC with the Supplier on completion of warranty period is the sole discretion of PIIC.

4. TAXES AND OTHER LEVIES

The quoted price shall be inclusive of all applicable taxes and duties.



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5. Terms and conditions for Comprehensive Maintenance Contract(CMC) of subject equipment with Turnkey (if any):

- a. The cost of CMC which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any). The supplier shall visit PIIC as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period.
- b. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- c. Cost of CMC will be added for Evaluation purpose.
- d. The payment of CMC will be made on six monthly basis, after satisfactory completion of said period, duly certified by end user.
- e. During CMC period, the supplier is required to visit consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- f. All software updates should be provided free of cost during CMC.

6. PERFORMANCE SECURITY

- 6.1 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, Coonoor payable at any Nationalized Bank in Coonoor, Nilgiris or by NEFT to our account directly.
- 6.2 Failure of the successful Bidder to furnish the required Performance Security shall constitute sufficient grounds for the annulment of the award of Contract and to black list the bidder to participate any tender to PIIC in future.
- 6.3 Forfeiture of Performance Security:
In case, the Contractor/ Bidder fails to complete the work, PIIC, without prejudice to rights and remedies available under the contract, shall forfeit and en-cash the Performance Security.

7. ADDITIONS/DELETIONS

- 7.1 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.
- 7.2 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.



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8 TIME SCHEDULE

- 8.1 The day of commencement of delivery period will be reckoned from the date of issue of Purchase order.
- 8.2 The material shall be delivered and installed at site within 30 days from the date of issue of purchase order or as per delivery terms mentioned in the Purchase Order.
- 8.3 The Final Acceptance Certificate shall be issued on completion of the entire scope of supply by the vendor.
- 8.4 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 5% (Five 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.

9 EXTENSION OF TIME

- 9.1 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 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.

10. ABANDONMENT OF WORK

- 10.1 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.
- 10.2 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.



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11. WARRANTY

- 11.1 The bidder shall give warranty of the equipment for a minimum period of **2 year (Two years)** from the date of final acceptance certificate from PIIC.

12. DETERMINATION AND RESCISSION OF TERMS & CONDITIONS

- 12.1 When the Contractor/ Bidder have made himself liable for action under any of the clauses aforesaid, PIIC shall have powers:
- 12.2 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.
- 12.3 This amount would be in addition to the recovery of liquidated damages.

13. GENERAL

- 13.1 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.
- 13.2 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.
- 13.3 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.
- 13.4 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.

14. ARBIRATION

- 14.1 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.
- 14.2 The place of arbitration shall be at **Udhagamandalam.**



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15. 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.

16. 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	UV VISIBLE SPECTROPHOTOMETER

1. PROCESS REQUIREMENT:

1.1 Purpose of Equipment:

UV-Visible Spectrophotometer is used to perform Arsenic test, light absorption test, to test Critical Raw materials like Ascorbic acid, Riboflavin, Isopropyl alcohol, Ethanol, Pyridoxine hydrochloride, Thiomersal, Sucrose, Sodium chloride, Magnesium chloride, Glycerol, Papain, Dextran, Ammonium sulphate used in DTP group of Vaccine production.

1.2 Technical Requirements:

- 1.2.1 Model: Bench top
- 1.2.2 Optical design: Double beam with sample and reference cuvette positions.
- 1.2.3 Light source: Xenon Lamp
- 1.2.4 Lamp life: Minimum 5 years
- 1.2.5 Warranty of Lamp : 3 year source replacement warranty
- 1.2.6 Detector: Dual Silicon Photodiodes
- 1.2.7 Baseline flatness: $\pm 0.001A$
- 1.2.8 Wavelength display: 0.1 nm increment
- 1.2.9 Spectral band width: 1 nm
- 1.2.10 Wavelength Range: 190 to 1100 nm
- 1.2.11 Operational Temperature Range : $15^{\circ}C$ to $40^{\circ}C$
- 1.2.12 Wavelength Accuracy : $\pm 0.8nms$
- 1.2.13 Stray light: Potassium Chloride, 198 nm: $\leq 1\%$; Sodium Iodide, 220 nm : $\leq 0.05\%$ Transmittance; Sodium nitrate, 340 nm: $< 0.05\%$ Transmittance
- 1.2.14 Photometric system: Double beam
- 1.2.15 Photometric measurement system: Absorbance, % Transmittance, Intensity.
- 1.2.16 Photometric accuracy: 1A: $\pm 0.004A$; 2A: $\pm 0.008A$
- 1.2.17 Photometric drift (stability) : $< 0.0005 A/hour$
- 1.2.18 Photometric linearity: Coefficient of determination is not less than 0.999
- 1.2.19 Photometric range: $> 3.5 A$
- 1.2.20 Cuvette changer required
- 1.2.21 Tolerance for the path length of cuvettes : $\pm 0.5\%$
- 1.2.22 Solid or liquid filters to be provided to check Absorbance accuracy.
- 1.2.23 Equipment Warranty: Minimum 2 years



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1.3 Specific equipment data:

- 1.3.1 It should display the process curve section data
- 1.3.2 Fast spectral scanning for complete spectral information and multi wavelength applications.
- 1.3.3 It should have clock for time and date stamps of the spectral data
- 1.3.4 The software shall have the provision to calculate the concentration of the samples

1.4 Scanning facility:

- 1.4.1 Scan speed : up to 6000nm/min
- 1.4.2 Scanning facility for unknown samples

1.5 Accessories:

- 1.5.1 Standard Calibration kit with certified reference materials
- 1.5.2 Automated cell changers
- 1.5.3 Quartz Cuvette (10 mm): 2 No's
- 1.5.4 Quartz Cuvette (10mm) for low volume samples up to 200µL: 2 No.s
- 1.5.5 USB drive or computer for data storage and transfer

2. EQUIPMENT REQUIREMENTS

2.1 Specification of the Material of Construction:

- 2.1.1 Made up of non toxic material with smooth finish.
- 2.1.2 The equipment shall be compatible for cleaning with any disinfectant solution.

2.2 Integration of Equipment :

- 2.2.1 User interface software has to be provided.
- 2.2.2 Recording of process data and recovery of data using USB drive or PC.

2.3 Required Utilities:

- 2.3.1 Power Supply: 100 to 240 Volts, 50-60 Hertz.

3. cGMP REQUIREMENT:

- 3.1.1 21 CFR Part 11 Compliant Software with Password protection and user management on different levels.
- 3.1.2 The equipment should meet current Pharmacopoeia requirements of USP, EP.

4. SAFETY REQUIREMENTS:

4.1 Product safety :

The equipment should not cause any harmful interference.

4.2 Personnel safety:

No component of the equipment shall generate noise in excess of 75 decibels measured at 1m distance from the component.



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4.3 Sanitary Requirements:

Equipment shall be compatible to clean with disinfectant solutions if spillage occurs.

5. DOCUMENT REQUIREMENTS:

5.1 Operation & Maintenance Manual - 2 sets.

5.2 Instrument calibration certificate traceable to NABL or OEM.

5.3 MOC certificate, equipment data sheet and material test certificates.

5.4 IOQ to be performed and soft and hard copies of protocol to be provided.

5.5 Training to multiple users.

5.6 Warranty card with minimum 2 years warranty should be provided.

5.7 CMC shall be provided for 5 years excluding warranty period. CMC shall include calibration of the equipment every year.



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ANNEXURE – II

**(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/008/2023-24 dated 19/12/2023
03.	Due date for submission	10/01/2024 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.	EMD 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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ANNEXURE -III

PART A

SCHEDULE OF REQUIREMENT

Sl.No.	Description of the item	Unit Rate (Rs)	GST	Total Amount with GST (Rs)
01.	UV VISIBLE SPECTROPHOTMETER			
	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 – IV

S.No.	Description	Details
01.	Tenderer Quotation No. and date	
02.	PIIC Tender reference number	BID Ref. No. PIIC/TENDER/008/2023-24 dated 19/12/2023
03.	Due date for submission	10/01/2024 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	
20.	Validity of Rates	ONE YEAR Yes/No
21.	Payment terms	100% after supplying of items through NEFT to your bank A/c
22.	Copy of MOA/Partnership deed/Registration	Attached/Not Attached
23.	Copy of PAN of Directors/Partners	Attached/Not Attached
24.	Latest IT return statement	Attached/Not Attached
25.	Past three years P & L, Balance Sheet	Attached/Not Attached
26.	All pages of bid document duly sealed and signed by the authorized person	YES/NO
27.	Power of Attorney/Authorization to sign the bid	Attached/Not Attached
28.	Manufacturer's authorization letter	Attached/Not Attached
29.	Bid Declaration Form	Attached/Not Attached/NA



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

SPECIFICATION/COMPLIANCE –UV VISIBLE SPECTROPHOTOMETER

ANNEXURE –V

S.No.	Description	Details
01.	Model: Bench top	YES/NO
02.	Optical design: Double beam with sample and reference cuvette positions.	YES/NO
03.	Light source: Xenon Lamp	YES/NO
04.	Lamp life: Minimum 5 years	YES/NO
05.	Warranty of Lamp : 3 year source replacement warranty	YES/NO
06.	Detector: Dual Silicon Photodiodes	YES/NO
07.	Baseline flatness: $\pm 0.001A$	YES/NO
08.	Wavelength display: 0.1 nm increment	YES/NO
09.	Spectral band width: 1 nm	YES/NO
10.	Wavelength Range: 190 to 1100 nm	YES/NO
11.	Operational Temperature Range : 15° C to 40° C	YES/NO
12.	Wavelength Accuracy : $\pm 0.8nm$ s	YES/NO
13.	Stray light: Potassium Chloride,198 nm: $\leq 1\%$; Sodium Iodide,220 nm : $\leq 0.05\%$ Transmittance; Sodium nitrate, 340 nm: $<0.05\%$ Transmittance	YES/NO
14.	Photometric system: Double beam	YES/NO
15.	Photometric measurement system: Absorbance, % Transmittance, Intensity.	YES/NO
16.	Photometric accuracy: 1A: $\pm 0.004A$; 2A: $\pm 0.008A$	YES/NO
17.	Photometric drift (stability) : $<0.0005 A/hour$	YES/NO
18.	Photometric linearity: Coefficient of determination is not less than 0.999	YES/NO
19.	Photometric range: $>3.5 A$	YES/NO
20.	Cuvette changer required	YES/NO
21.	Tolerance for the path length of cuvettes : $\pm 0.5\%$	YES/NO
22.	Solid or liquid filters to be provided to check Absorbance accuracy.	YES/NO
23.	Equipment Warranty: Minimum 2 years	YES/NO
24.	It should display the process curve section data	YES/NO
25.	Fast spectral scanning for complete spectral information and multi wavelength applications.	YES/NO
26.	It should have clock for time and date stamps of the spectral data	YES/NO
27.	The software shall have the provision to calculate the concentration of the samples	YES/NO
28.	Scan speed : up to 6000nm/min	YES/NO
29.	Scanning facility for unknown samples	YES/NO
30.	Standard Calibration kit with certified reference materials	
31.	Automated cell changers	
32.	Quartz Cuvette (10 mm) : 2 Nos	YES/NO



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33.	Quartz Cuvette (10mm) for low volume samples up to 200µL: 2 No.s	YES/NO
34.	USB drive or computer for data storage and transfer	YES/NO
35.	Made up of non toxic material with smooth finish.	YES/NO
36.	The equipment shall be compatible for cleaning with any disinfectant solution.	YES/NO
37.	User interface software has to be provided.	YES/NO
38.	Recording of process data and recovery of data using USB drive or PC.	YES/NO
39.	Power Supply: 100 to 240 Volts, 50-60 Hertz.	YES/NO
40.	21 CFR Part 11 Compliant Software with Password protection and user management on different levels.	YES/NO
41.	The equipment should meet current Pharmacopoeia requirements of USP, EP.	YES/NO
42.	The equipment should not cause any harmful interference.	YES/NO
43.	No component of the equipment shall generate noise in excess of 75 decibels measured at 1m distance from the component.	YES/NO
44.	Equipment shall be compatible to clean with disinfectant solutions if spillage occurs	YES/NO
45.	Operation & Maintenance Manual - 2 sets.	YES/NO
46.	Instrument calibration certificate traceable to NABL or OEM.	YES/NO
47.	MOC certificate, equipment data sheet and material test certificates.	YES/NO
48.	IOQ to be performed and soft and hard copies of protocol to be provided.	YES/NO
49.	Training to multiple users.	YES/NO
50.	Warranty card with minimum 2 years warranty should be provided.	YES/NO
51.	CMC shall be provided for 5 years excluding warranty period. CMC shall include calibration of the equipment every year.	YES/NO



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ANNEXURE – VII

BID Ref. No. PIIC/TENDER/008/2023-24 dated 19/12/2023

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-VIII

MANUFACTURER'S AUTHORIZATION 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, 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 -IX

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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ANNEXURE -X

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