

REQUEST FOR PROPOSAL

THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION
13/37, Avinashi Road, Civil Aerodrome Post
Coimbatore – 641014
Phone: (0422) 2574367–8–9, 4215333
E-mail: purchase@sitra.org.in; Website: www.sitra.org.in



Bid Document No. SITRA/COE/INST/001/2023

Date: 03.07.2023

Price offer in sealed cover along with the descriptive Catalogues/Pamphlets/Literature is invited by SITRA from OEMs/Channel Partners/Authorized Distributors/Dealers or Authorized Agents/Firms for supply of testing instrument for the use of the Centre of Excellence (Medical Textiles), SITRA.

| S. No. | Name of the instrument | Quantity |
|--------|--|----------|
| 1 | Supply, installation, commissioning and training for CO2 Incubator | 01 |
| 2 | Supply, installation, commissioning and training for Real Time PCR System | 01 |

General terms and specifications are available on SITRA website www.sitra.org.in. Interested bidders may download the document from the website and submit their offers as per details given in the notification.

Bidders have the option to quote for both the instruments or any one.

- Delivery at: SITRA, Coimbatore
- Mode of dispatch: ON site
- Duty Exemption: DSIR/CDEC certificate will be provided, if required

Please submit your offer in Two Parts: (i) Technical & Commercial Bid (ii) Price Bid

Last date for submission of proposal: 22.07.2023

Hard copies of the price offers with all necessary enclosures should be addressed to: **The Director, The South India Textile Research Association (SITRA)**, 13/37, Avinashi Road, Civil Aerodrome Post, Coimbatore – 641014, Tamilnadu, India.

At any time prior to the deadline for submission of bids, SITRA may amend the Bidding Documents by issuing addendum on the website. Prospective bidders are advised to keep themselves apprised of the same by visiting SITRA's website.

Director, SITRA reserves the right to reject any or all bid documents without assigning any reason thereof.

Sd/-
Director, SITRA

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Chapter 1 – Technical Specifications

A. CO2 incubator:

Application: Should support for the maintenance and multiplication of mammalian cells and primary cells under controlled regular and hypoxic condition for various biological studies.

| S. No. | Specification |
|--------|---|
| 1. | Air-jacketed system with the capacity between 170 and 240L |
| 2. | Working Temperature: 5 °C (above ambient) to 50 °C |
| 3. | Temperature accuracy and uniformity : ± 0.1 °C and ± 0.5 °C or lower at 37 °C |
| 4. | CO ₂ range: 0 to 20 % |
| 5. | Accuracy and uniformity of CO ₂ : ± 0.1 % |
| 6. | The CO ₂ recovery rate should be 2 min or less after door opening and closing event to attain 5% CO ₂ |
| 7. | CO ₂ inlet should be fitted with HEPA filter |
| 8. | Removable SS tray, pan volume 2.5L; RH at 37 °C: up to 95 % |
| 9. | Shelves: Minimum 4, should be stainless steel 316, removable and corrosion resistant |
| 10. | Microprocessor controlled display, Touch Screen/Button system. Adjustment for Temperature and CO ₂ , relative humidity |
| 11. | Heating system: 6 sides, with additional door to avoid condensation |
| 12. | Door: fully insulated stainless steel door |
| 13. | Sterilization temperature: 180 °C, without removing the sensor |
| 14. | Safety: Alarm for temperature and CO ₂ deviation |
| 15. | Essential Spares and accessories: HEPA Filter and tubing at free of cost |
| | General details |
| a. | Should provide Instrument user list in India / Tamil Nadu |
| b. | Should provide warranty for 3 years |
| c. | Should provide AMC terms and conditions |

| | |
|----|---|
| d. | Should guarantee availability of spares and service for the life of the instrument |
| e. | ISO/IEC 17025 certified calibration certificates for all sensors |
| f. | Certificate : ISO /CE |
| g. | Should submit IQ/OQ/PQ documents |
| h. | Should train the user on the handling / operation of the instrument at SITRA site as well as at your facility |

B. Real Time PCR System:

| S. No. | Specification |
|--------|--|
| 1. | Peltier based automated Real time Thermal cycling system for measuring both real- time PCR and post-PCR (end-point) analysis |
| 2. | 96-well block of the system should accommodate 96 well PCR plates, 8-TubeStrips with clear caps and PCR tubes. The system should be quoted with interchangeable blocks |
| 3. | Temperature range: 4 °C to 100 °C; accuracy of the system: ±0.2 °C, well to well Temperature Uniformity: ±0.1 °C or lesser, Gradient range: 30 °C to 100 °C |
| 4. | System should support reaction volume between 1µl and 50µl |
| 5. | Sample ramp rate should be more than 4°C/sec while heating and should be more than 2°C/sec while cooling |
| 6. | System to provide on line cycle by cycle monitoring with continuous display of readings for Fluorescence, Temperature changes and progression of amplification and detection simultaneously on all 96 wells on the plate |
| 7. | The system must be able of custom filter alignment (e.g. mismatch excitation and emission filters: FAM excitation / ROX emission) and normalization of reaction due to non-PCR related fluctuations such as pipetting variations, should be possible by using ROX™ or any other calibrated dye |
| 8. | System should have individual well to well excitation and emission for better sensitivity for capturing the signals without any edge effects |
| 9. | The Excitation source should be single blue LED light source and emission detection by PDA. There should be enough excitation and emission filters to cover majority of dyes |
| 10. | The instrument should be pre-calibrated for at least seven dyes including the following during installation at the customer site: FAM™/SYBR® Green I, VIC®/JOE™, Cy5 and ROX™, Marina Blue® |
| 11. | The user should be able to use any of these dyes in an experiment without needing to recalibrate the instrument. Addition of new dyes should be possible without hardware change (HRM) |
| 12. | System should be standardized for at least two homogeneous reaction chemistries including SYBR Green I and dual color TaqMan or four color hybridization probes (FRET) |
| 13. | Instrument filters should be divided based on the wavelength starting from 350 to 700 nm |
| 14. | System should have a minimum of Eight filters, Four Excitation filters (470/533/577 and 645 nm) and Four Emission filters (514/572/620 and 697 nm) to cover majority of the commercially available dyes |

| | |
|-----|---|
| 15. | Multiplexing capacity: minimum true 4 colour multiplex analysis without any passive reference dye |
| 16. | System should be compatible with all kind of chemistry Syber green and Hydrolysis probe and compatible with all kind of kits in the market. Should be open system for both reagents & disposable plastic consumables |
| 17. | Run time of the system should be less than 2 hr for 40 cycles |
| | Software |
| 1. | The instrument software must be capable of detecting and analyzing a different gene, SNP or pathogen target in every well of the 96-well plate. The instrument software should not restrict the number of assays or targets that can be run on a single 96-well plate. |
| 2. | The real time PCR software should allow the user to do the analysis of all type of application like but not restricted to <ul style="list-style-type: none"> a. Absolute quantitation b. Advanced Relative quantitation c. Multiplex-PCR allelic discrimination (SNP) d. Tm Calling (Meltcurve Analysis – Sybr) e. Endpoint Genotyping f. Qualitative Gene detection g. High Resolution Melting curve analysis (HRM) for mutation studies h. Pathogen detection |
| 3. | RT PCR software should be of multi user installation facility and allow the user to design the experiment or plate layout conveniently |
| 4. | Software should allow to import / export in different formats like Txt export, Charts: Data and image |
| 5. | System software should support remote access for trouble shooting |
| 6. | Software should have the provision to use barcode scanner and import / export option for plating layout to reduce the time in plating layout |
| 7. | Free updation of software for the life of the instrument |

Optional requirement: Dedicated licensed full version software for primer and probe design with comprehensive assay design and development guidelines for quantitative and qualitative real-time assays should be provided to enable designing of custom oligo assays.

| Accessories and general details | |
|--|--|
| a. | Necessary control / QC kits for installation should be supplied along with instruments |
| b. | Laptop / desktop PC with color printer should be supplied |
| c. | Should provide Instrument user list in India / Tamil Nadu |
| d. | Should provide warranty for 3 years |
| e. | Should provide AMC terms and conditions after the warranty period |
| f. | Should guarantee availability of spares and service for the life of the instrument |
| g. | ISO/IEC 17025 certified calibration certificates for all sensors |
| h. | Certificate: ISO/CE |
| i. | Should submit IQ/OQ/PQ documents |
| j. | Should train the users on the handling / operation of the instrument at SITRA site as well as at your facility |

Chapter 2 – General Terms & Conditions of Bid document Document

INSTRUCTIONS TO THE BIDDERS

1. Bid Document

The Bid Document comprises of total FIVE (5) chapters including Appendices. In addition, any other documents/amendments/revisions issued by SITRA to the bidder till the due date of opening of the bids shall be deemed to be integral part of the bid document. Failure to furnish all the information as per the bid document in every respect will be at the bidder's risk.

2. Scope of Supply

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least **7 years** residual market life i.e. the offered product shall not be declared end-of life by the OEM before this period.

The material shall be supplied in compliance to the specifications mentioned in **Chapter 1** of the bid document..

The specifications of the instrument as mentioned in the **Chapter 1** are the requirements of bid document. However, higher specifications of instrument may be considered subject to their cost economics i.e. competitiveness in financial terms for the particular location.

The Bidder shall carefully check the specifications and shall satisfy himself regarding the technical requirements and completeness of the instrument/instrument.

After the supply of instrument as mentioned in the **Chapter 2**, the bidder has to execute its installation & commissioning at the designated site in the location. No extra cost shall be paid for this reason.

After the installation & commissioning of instrument, the training to the staff shall be given (2 days maximum for CO2 Incubator) & (3 days maximum for RTPCR System) wherein the training about the instrument's operation, maintenance, information about Do's & Don'ts as well as trouble shooting & all other areas which are necessary for smooth functioning of instrument shall be provided to at least two persons designated by SITRA, at site, by the bidder. No extra cost shall be paid to the successful bidder for imparting this training.

The bidder shall provide on-site comprehensive warranty at the designated location during the standard warranty period offered by them from the date of successful commissioning of the instrument. SITRA is not liable to pay any extra charges on any account during warranty period.

3. Submission of Bids

Bidders are advised to submit their bids strictly based on the specifications, terms and conditions contained in the bid documents and subsequent revisions/amendments, if any.

The Bid shall be prepared and submitted by typing or printing in **English** with indelible black ink on white paper in consequently numbered pages duly signed by authorized signatory with company seal affixed **on each page**.

The offer shall contain no erasures or overwriting except as necessary to correct error made by bidder. Such corrections, if any, shall be initialed by the person signing the offer.

Bidders can bid for either one or both the instruments as listed in the bid document.

It may be noted that Director, SITRA Coimbatore has full rights to cancel the supplies even after calling the offers from bidders but before the issue of supply order to execute the supply by the bidder. The reason for cancellation of supply would not be disclosed.

4. Location of supply

Delivery address

The South India Textile Research Association (SITRA),
13/37, Avinashi Road,
Coimbatore Aerodrome Post,
Coimbatore – 641014.
Tamilnadu, India

5. Warranty

A successful bidder / vendor shall offer on-site comprehensive warranty for the instrument during the standard warranty period offered by them from the date of successful commissioning of instrument at the designated location & shall cover each and every part of the instrument including parts having limited life, etc. SITRA is not liable to pay any extra charges on any account during warranty period.

The successful bidder / vendor shall pay to SITRA such compensations that may arise by reasons of the warranty therein contained but not attended by the bidder.

If any part or parts fail or are proved defective within the on-site warranty period specified above, owing to defect in design, material or workmanship, the bidder shall have to replace them at the place of installation without demanding any charges.

During the warranty period, expert(s) should be deputed at site by the bidder **within 48 hours** from the date of request from SITRA, to rectify and fixing the defects of instrument(s) at the location where instrument supplied. The cost of deputation of expert(s) and any other associated expenditure shall have to be borne by the bidder.

6. Three (3) years Annual Maintenance Contract beyond standard warranty

A successful bidder / vendor shall cover the instrument(s) under Annual Maintenance Contract for three (3) years after successful commissioning and expiry of standard warranty period offered by the vendor at the designated location without claiming any additional financial charges. The financial bid for instruments(s) shall be quoted accordingly. Hence, warranty coverage for the instrument shall be for a period of standard warranty offered plus 3 years.

7. After Sales Service

A successful bidder / vendor should ensure to render after sales services during the warranty period offered by them and in the period of Maintenance Contract to the satisfaction of SITRA.

The successful bidder / vendor should depute their engineer within 48 hours to attend the service call received in writing from SITRA.

8. Manuals

The successful bidder / vendor should supply three (3) sets of the following manuals in hard format and one (1) soft format along with instrument:

- Technical details/catalogue/data sheet
- Installation Manual
- Operation Manual
- Maintenance Manual
- Training Manual

9. OEMs

The Original Instrument Manufacturers/Authorized Distributors/Authorized Dealers/Authorized Agents intending to bid, shall submit a self-declaration on their letter-head, along with the Technical Bid, confirming that they are regular in manufacturing & supplying similar instruments, as asked in this bid document, for the last Ten (10) years.

Either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/instrument in the same bid document. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same bid document for the same item/instrument.

The Minimum Average Annual Turnover of Original Instrument Manufacturers/Authorized Distributors/Authorized Dealers/Authorized Agents should be at least INR 10.00 Crores. The Bidder will provide a copy of audited annual report of last three financial years (i.e. FY 2019-20, 2020-21, 2021-22) certified by CA/Statutory Auditor for ascertaining their turnover and Net Worth for the purpose of verification.

10. Delivery

A successful bidder / vendor will have to deliver the instrument within sixty (60) calendar days from the date of issue of supply order. However, he has an option to submit the best delivery time, but in any case the delivery should be before 90 days after the issue of supply order.

All Tax invoices shall invariably bear the GST registration number (GSTIN), the HSN code of the particular item and the applicable GST rates. SITRA is exempted from Customs Duty for which necessary certificate will be issued, if required.

The material will be inspected on receipt at site and the successful bidder / vendor shall be responsible for any damage during the transit of instrument/instrument.

The bidder shall not arrange part shipment and/or trans-shipments without the permission of SITRA. The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/Installation & Commissioning shall be obtained by the bidder in his own name and not in the name of SITRA. SITRA shall as soon as possible but not later than 30 days from the date of arrival of goods at destination, notify the bidder of any loss or damage to the goods.

11. Performance Bank Guarantee

On acceptance of the supply order, a successful bidder / vendor shall, at the opinion of SITRA and within the period specified by him, submit a Performance Bank Guarantee at 5% of the value of the Purchase Order obtained from any Nationalized Indian Bank executed on non-judicial stamp paper of Rs.100/- and valid for a period of sixty (60) days from the date for completion of all the terms and conditions of the Purchase Order/expiry date of warranty/AMC period.

If a successful bidder / vendor is called upon by SITRA to deposit, and the Bidder fails to provide the security within the period specified, such failure shall constitute a breach of the Contract, and SITRA shall be entitled to make other arrangements for the purchase of the Instrument/contracted at the risk of the Vendor.

The Performance Security will be accepted in the form of Bank Guarantee as per the format **Appendix-8**.

12. Authorization for submission of bid document

The original and all copies of the bid shall be signed / initialed by a person duly authorized to sign on behalf of the Bidder. The written confirmation of authorization (in form of letter on the bidder's letter head) to sign on behalf of the bidder confirming the signature as a person duly authorized to sign should be attached with the technical bid of the bid document.

IMPORTANT: Offers duly complying with the above formalities should reach us on or before the due date and time prescribed in the Bid Enquiry. **Offers received after the Due Date/Time will summarily be rejected.**

Chapter 3 - CONDITIONS IN RESPECT OF TWO-PART BID DOCUMENTS

PART-I: TECHNO-COMMERCIAL BID

TECHNICAL DETAILS:

The bid document contains the technical requirements and specification of items. The detailed technical specifications of a bidder's offer should be covered in this part. This part **should not contain Price Details**. This should be sent in a sealed envelope duly containing the following details super scribing, "Technical and Commercial Bid" on top of the envelope.

COMMERCIAL DETAILS:

The commercial terms applicable for this bid document such as Delivery terms, Delivery period, Payment Terms, Mode of Despatch, Validity of the Offer, Warranty, Guarantee, Performance Guarantee, Liquidated Damages (for delayed supply), Quantity tolerances etc., shall be covered. The applicable GST rates and duties or requirement of Duty Exemption Certificates also shall be indicated in this part. A copy of the price offer by **masking prices** shall be enclosed to the technical and commercial part (Part-I) to clearly understand as to whether you have provided the price as desired by the bid document.

PART-II: PRICE BID

The price of the item should be indicated in this part with unit rate (INR). The prices are to be mentioned both in figures as well as in words and each page is to be signed by an authorized signatory. Apart from the cost of the items, packing charges, forwarding charges, freight charges, insurance charges (if applicable), customs clearance charges, loading & unloading charges, installation and commissioning, training charges, Annual Maintenance Contract charges etc, shall be clearly mentioned. GST rate and Duties applicable shall also be mentioned.

No extra payment shall be paid on account of any discrepancy in nomenclature of items. The Bidder shall seek clarifications, if any, before submitting the bid document.

No representation for the enhancement of the prices of the accepted bid document or alteration of the terms and conditions will be entertained.

The "Technical and Commercial Bid" and the "Price Bid" are to be placed in separate sealed covers and **they should be put into a bigger envelope super-scribed "Bid document for the purchase of Lab Instruments" with the Bid document Number, Due Date and Time.**

The two sealed envelopes inside the bigger envelope must be super-scribed as:

Envelope No.1: "Bid document for the Supply, Installation, Commissioning and Training of CO2 Incubator & RTPCR System Instrument – **Techno-commercial Bid**".

Envelope No.2: "Bid document for the Supply, Installation, Commissioning and Training of CO2 Incubator & RTPCR System Instrument – **Price Bid**".

The cover thus prepared should be sent to the following address so as to reach us on or before the due date and time specified in the bid document form:

**The Director
The South India Textile Research Association
13/37, Avinashi Road, Civil Aerodrome Post
Coimbatore – 641014, Tamilnadu, India**

Bid documents (**only hard copy**) may be hand delivered or sent by post.

Late and delayed bid documents will not be considered. Therefore, please ensure that your bid documents are posted well in time to reach us before the due date and time.

Bid documents which are not prepared in line with the above terms are liable to be rejected.

Fax or mail offers shall not be considered.

The language for all the correspondence and documents related to the bid document shall be in English only. Moreover, the printed literature / technical details for the instrument shall also be in English.

Last date & time of submission of Bid document: 22.07.2023 at 16.00 Hrs.

Bidders have the option to quote for both the instruments or any one.

Opening of Techno-commercial Bid

The Technical Bid will be opened on **24.07.2023 at 11.00 Hrs.** at SITRA, Coimbatore and in case any further clarifications / discussions are required, they shall be called for before opening the Price Bid. **Bidders will be invited only for price bid opening.**

The offer should be valid for a **period of 180 days** from the date of opening of the bid document. Terms & Commercial details submitted in the bid shall be treated as firm during the said period of **180 days**.

Opening of Price Bid

The Price Bid of **only technically qualified bidders will be opened** on the stipulated date. The date & time for opening of Price Bid shall be intimated to the technically qualified bidders through email, after the evaluation of Technical Bids. Before opening of Price Bid, bidders may be requested for a **technical demonstration** of their product on any day between **25.07.2023 to 28.07.2023**. Necessary communication in this regard will be sent to the bidders in advance.

Evaluation of Bids

To assist in the examination, evaluation, comparison of the bids and qualification of the Bidders, SITRA may, at its discretion, ask any Bidder for a clarification of its Bid. Such request for clarification and the response thereof shall be in writing only.

If a Bidder doesn't provide clarifications by the date and time set in the request for clarification, then his bid shall be rejected.

SITRA reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to supply order, without thereby incurring any liability to Bidders. In case of annulment, all bids submitted shall be promptly returned to the Bidders.

SITRA shall compare the evaluated prices of all substantially responsive bids to determine the lowest evaluated bid. The comparison shall be on the basis of landed cost at destination.

SITRA reserves the right to accept or reject any offer in whole or part without assigning any reason.

To ensure transparency, fairness in the bidding process and to further eliminate all arbitrariness in the procurement process, the evaluation of bids would be processed both for

- Techno-commercial aspects as well as
- Financial aspects

The bidder qualified appropriately under each of these aspects and also cumulatively as enumerated above will be declared as the successful bidder.

Zero Deviation & Rejection Criteria

Deviation in the terms and conditions of Bid documents may lead to rejection of bid. A substantially responsive Bid is one which conforms to all the terms, conditions and specifications of the Bid document without material deviations or reservations or omissions. SITRA will accept bids based on terms & conditions of Bid document only. Bidders are requested to not to take any deviation.

More importantly, deviation to the following shall lead to rejection of the Bid summarily:

- Eligibility Criteria including, General, Technical and Financial Qualifying Requirements
- Firm Price
- Specification & Scope of Supply
- Price Schedule

- Duration/Period of Contract/Completion Schedule
- Period of Validity of Bid
- Warrantee/Guarantee/Defect Liability Period
- Arbitration/Resolution of Dispute/ Jurisdiction of Court
- Force Majeure & Applicable Laws
- Any other condition specifically mentioned in the bid document elsewhere that non-compliance of the clause leads to rejection of Bid
- A compliance matrix would be derived based on submission of information as per the Specifications Table of compliance given in **Appendix-11**

Award of Contract

The contract shall be awarded to the bidder whose techno-commercial bid complies with the regulations and whose financial bid is acceptable and based on evaluation by the Purchase Committee to supply the instrument at the approved rate and on approval of the Director, SITRA.

Effective Date of Contract

The effective date of commencement of execution of the order by the selected vendor shall be **the date of issue of the Purchase Order.**

Contract Price

The total contract price, in full for supply, installation, commissioning and training of Lab Instruments should be as per format in **Appendix-9A/9B.** The price shall be for the total scope as defined in this document.

Income Tax/TDS shall be deducted as applicable at the existing rate.

Payment Terms

- (1) **70% payment** of total bill will be made to the successful bidder / vendor for which the successful bidder / vendor shall send bills in duplicate (original + copy) after Supply, Installation, Commissioning of instrument.
- (2) The **20% payment** of total bill will be released after completion of training to instrument operators at site and on submission of Indemnity Bond by the successful bidder for rendering services during warranty and maintenance period.
- (3) The remaining **10% payment** will be retained and shall be released against submission of Performance Bank Guarantee by the bidder.

Extension of Time

If the completion of supply of instrument is delayed due to reason of force majeure such as acts of God, acts of public enemy, acts of Government, fires, floods, epidemics, quarantine restriction, strikes, freight embargoes, etc., the successful bidder / vendor shall give notice within 15 days to SITRA in writing of his claim for an extension of time. On receipt of such notice after verification, if necessary, SITRA may agree to extend the Contract delivery date as may be reasonable but without prejudice to other terms and conditions of Contract.

Delay in Completion/Liquidated Damages

If the successful bidder / vendor fails to deliver the instrument within the time specified in the Contract or any extension thereof, SITRA shall recover from the successful bidder / vendor as **liquidated damages a sum of One (1.0) percent of the Contract price of the undelivered Instrument for each calendar week of delay.** The total liquidated damages shall not exceed Ten (10) percent of the Contract price of the unit or units so delayed. The instrument will be deemed to have been delivered only when all their component parts are also delivered. If certain components are not delivered in time, the instrument will be considered as delayed until such time as the missing parts are delivered.

Successful bidder / vendor's Default Liability

Upon written notice of default to the successful bidder / vendor, SITRA can terminate the Contract on whole or in part in circumstances detailed hereunder:

- * If in the judgement of SITRA, the successful bidder / vendor fails to make delivery of instrument within the time specified in the Contract /agreement or within the period for which extension has been granted by SITRA.

- * If in the judgement of SITRA the successful bidder / vendor fails to comply with any of the other provisions of the Contract.

Rejection & Replacement

If the instrument or any portion thereof is damaged or lost during transit or in the event that any of the instrument supplied by the successful bidder / vendor is found defective in material or workmanship or otherwise not in conformity with the requirements of the Contract specifications, SITRA shall give notice to the successful bidder / vendor to rectify the same. The successful bidder / vendor, on receipt of such notification, shall either rectify or replace the defective instrument free of cost to SITRA. If the successful bidder / vendor fails to do so, SITRA may at his option either –

- Replace or rectify such defective instrument and recover the extra cost so involved from the Successful bidder / vendor, or
- Terminate the Contract for default

Arbitration

If at any time any question, dispute or difference whatsoever shall arise between SITRA and the successful bidder / vendor in connection with this Contract, either party may forthwith give to the other notice in writing of the existence of such question, dispute or difference and the same shall be referred to the adjudication of two arbitrators, one to be nominated by SITRA, other by the successful bidder / vendor and in the event of any difference of opinion, the arbitrators will refer the matter to the chief arbitrator. The arbitration shall be conducted in accordance with the rules and procedure for arbitration in India at Coimbatore.

Indemnity

The successful bidder / vendor shall warrant and be deemed to have warranted that the instrument and its spares supplied against this Contract are free and clean of infringement of any patent, copyright or trade mark and shall at all times indemnify SITRA against all claims which may be made in respect of the instrument for infringement of any right protected by Patent, Registration of design or Trade Mark, and shall take all risk of accident or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfillment of the Contract.

Applicable Law: The Contract shall be interpreted, construed and governed by the laws of India subject to the exclusive jurisdiction of the Courts of Coimbatore.

Chapter 4 - SPECIAL INSTRUCTIONS TO FOREIGN BIDDERS

Foreign Bidders should submit their quotations in a sealed envelope, super-scribing the Bid document No. and complete in all respects with technical specifications, including pamphlets and catalogues.

A Proforma Invoice may also be given which could contain the following information:

- The CIF/CIP value for import by Sea Freight/Air Freight up to Chennai / Coimbatore, Tamilnadu, India should be separately indicated.
- The earliest delivery period and country of origin of the instrument.
- Banker's name, address, telephone numbers, email ID of the Vendor.
- The approximate net and gross weight and dimensions of packages/cases.
- Recommended spares for satisfactory operation for a minimum period of one year.
- Details of any technical service, if required for erection, assembly, commissioning and demonstration.
- The CIF/CIP prices quoted should be inclusive of all taxes, levies, duties arising in the bidder's country.
- The offer should be valid for a minimum period of 180 days from the due date of opening of the bid document.
- Late and delayed bid documents will not be considered.
- Offers made by Indian Agents on behalf of their Principals, should be supported by the proforma invoice of their Principals.
- The details of Import License will be furnished in the Purchase Order.
- The authority of person signing the bid document, if called for, shall be produced.
- Instruction/Operation Manual containing all assembly details including electrical arrangement should be sent wherever necessary in duplicate.
- All documents/correspondence pertaining to the Contract shall be written in English language only.
- Part shipment is not allowed unless specifically agreed to by us.
- Inspection/Test Certificate should be provided for the goods after testing the instrument thoroughly at the successful bidder / vendor's work. If any Inspection by any 3rd party testing agency is considered necessary, it shall be arranged by successful bidder / vendors.
- Erection or assembly or commissioning is a part of the Contract, and it should be done immediately on notification.
- The successful bidder / vendor shall be responsible for any loss/damage sustained due to delay in fulfilling this responsibility.
- For items having shelf life, those with maximum shelf life should be supplied if order is placed.
- Bid documents offering firm prices will be preferred.

Terms of Payment

Establishment of Letter of Credit will be considered on such terms and conditions as may be agreed upon.

Letter of Credit will be operative on presentation of the under mentioned documents:

- Original Bill of Lading/Airway Bill.
- Commercially certified invoices describing the Instrument delivered, quantity, unit rate and their total value, in triplicate.
- Packing List showing individual dimensions and weight of packages.
- Declaration by the vendor that the contents in each case are not less than those entered in the invoices and the quality of the instrument are guaranteed as per the specifications asked for by SITRA.
- Country of Origin Certificate in duplicate.
- Test Certificate.
- Warrantee and Guarantee Certificate/s.
- Insurance Certificate

Import License Number & date and Purchase Order Number & date shall be prominently indicated in all the documents. Vendor shall bear demurrage charges, if any, incurred by the purchase due to delayed presentation of shipping documents to the bankers within a reasonable time (say within 10-12 days) from the date of bill of lading for sea consignment and within 3-4 days from the date of Air Way Bill for air consignment.

Bank charges

While SITRA shall bear the bank charges payable to their Bankers, the successful bidder/vendor shall bear the bank charges payable to their Bankers including the cheques towards advising amendment commissions.

Address of India Agents:

The time for and the date of delivery stipulated in the Purchase Order shall be deemed to be the essence of the Contract. Delivery must be completed within the date specified therein.

Mode of dispatch: Sea/Air shipment

Incoterms: CIF/CIP, Chennai / Coimbatore, India

Port of Entry: Sea freight to Chennai, India.
Air freight to Chennai / Coimbatore, India

Consignee & Billing address:

The South India Textile Research Association
P.B. No.3205, 13/37, Avinashi Road
Coimbatore Aerodrome Post
Coimbatore – 641014
India
IEC: 3294009437 Date Of Issue: 02/09/1994
GSTIN: 33AAAAT3433H1ZT

Shipping Marks:

Purchase Order No.: Date:
The South India Textile Research Association
P.B. No.3205, 13/37, Avinashi Road
Coimbatore Aerodrome Post
Coimbatore – 641014
India

Packing

The successful bidder / vendor wherever applicable shall pack and crate the instrument and its spares for sea /air shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with internationally accepted export practices and in such a manner so as to protect it from damage and deterioration in transit by road, rail or sea for space qualified Product and the vendor shall be held responsible for all damages due to improper packing.

The successful bidder / vendor shall ensure that each box/unit of shipment is legible and properly marked for correct identification. The failure to comply with this requirement shall make the Successful bidder / vendor liable for additional expenses involved.

The successful bidder / vendor shall notify SITRA of the date of shipment from the port of embarkation as well as the expected date of arrival of such shipment at the designated port of arrival.

The successful bidder / vendor shall give complete shipment information concerning the weight, size, content of each packages, etc.

Tran-shipment of instrument shall not be permitted except with the written permission of SITRA.

Apart from the despatch documents negotiated through Bank, the following documents shall also be airmailed to SITRA within 7 days from the date of sea shipment by sea and within 3 days in case of air consignment:

- Commercial Bill of Lading/Air Way Bill (Two non-negotiable copies)
- Invoice (3 copies)
- Packing List (3 copies)

- Test Certificate (3 copies)
- Certificate of Origin
- Insurance Certificate

Insurance

Transit Insurance up to SITRA, Coimbatore should be covered by the vendor and the cost should be included in the CIF/CIP value.

Guarantee & Replacement

The successful bidder / vendor shall guarantee that the instrument supplied shall comply fully with the specifications laid down for material, workmanship and performance.

During standard warranty period offered by the vendor, after acceptance of the instrument, if any defects are discovered therein or any defects therein are found to have developed under proper use arising from faulty materials, design or workmanship, the successful bidder / vendor shall remedy such defects at their own cost.

If in the opinion of SITRA it becomes necessary to replace or renew any defective component, such replacements or renewals shall be made by the successful bidder / vendor free of all costs to SITRA.

To fulfill guarantee conditions outlined above, the successful bidder / vendor shall, at the option of SITRA, furnish a **Bank Guarantee** (as prescribed by SITRA – **Appendix-8**) from a Bank approved by SITRA for an amount equivalent to **5% of the value of the Contract** along with first shipment documents. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the successful bidder / vendor without any interest.

Guidelines for quoting and placing order on/through Indian Agents

The Indian Agent on behalf of the foreign principal directly can bid in a bid document and in the case where their foreign principal has not bid.

Copy of the agency agreement between the foreign principal and the Indian Agent, and the precise relationship between them and their mutual interest in the business shall be mentioned.

Registration and item empanelment and compliance of Tax Laws by the Indian Agent must be established through proper documents.

Note:

Customs Duty Exemption/Concession: SITRA is exempted from payment of Customs Duty. Necessary documents to avail duty exemption/concession will be provided by SITRA. **Please quote accordingly.**

The successful bidder / vendor shall provide **Performance Bank Guarantee** for **5% of Order Value** towards Warranty support.

Appendix - I

COVERING LETTER

(The Covering Letter should be submitted on the Letter Head of the Bidding Company)

Ref. No. _____

Date:

To,
The Director
The South India Textiles Research Association
13/37, Avinashi Road
Coimbatore – 641 014
Tamilnadu

Sub: Bid for Supply, Installation, Commissioning and Training of CO2 Incubator & RTPCR System (strike out the Instrument not bidding for) at The South India Textile Research Association (SITRA), Coimbatore, Tamilnadu, India

Dear Sir,

We, the undersigned.....[insert name of the 'Bidder'] having read, examined and understood in detail the bid document for "Supply, Installation, Commissioning and Training of CO2 Incubator & RTPCR System Instrument at The South India Textile Research Association (SITRA), Coimbatore, Tamilnadu, India" and hereby submit our Bid comprising of Techno-commercial Bid and Price Bid. We confirm that neither we nor any of our Parent Company/ Affiliate/Ultimate Parent Company has submitted Bid other than this Bid directly or indirectly in response to the aforesaid bid document.

We give our unconditional acceptance to the bid document, dated.....and bid documents attached thereto, issued by The South India Textile Research Association, as amended. As a token of our acceptance to the bid documents, the same have been initialed by us and enclosed to the Bid. We shall ensure that we execute such bid documents as per the provisions of the bid document and provisions of such bid documents shall be binding on us.

We have submitted our Price Bid strictly as per this bid document, without any deviations, conditions and without mentioning any assumptions or notes for the Price Bid in the said format(s).

In case we are a Successful Bidder, we shall furnish a declaration at the time of commissioning of the instrument to the effect that neither we have availed nor we shall avail in future any Incentive other than received from SITRA for this Contract.

Acceptance: We hereby unconditionally and irrevocably agree and accept that the decision made by The South India Textile Research Association in respect of any matter regarding or arising out of the bid document shall be binding onus. We hereby expressly waive any and all claims in respect of Bid process.

We confirm that there are no litigations or disputes against us, which materially affect our ability to fulfill our obligations with regard to execution of this contract offered by us.

Familiarity with Relevant Indian Laws & Regulations: We confirm that we have studied the provisions of the relevant Indian laws and regulations as required to enable us to submit this Bid and execute the bid documents, in the event of our selection as Successful Bidder. We further undertake and agree that all such factors as mentioned in bid document have been fully examined and considered while submitting the Bid.

Contact Person:

Details of the contact person are furnished as under:

Name :

Designation :
Company :
Address :
Phone No :
Email :

We are enclosing herewith the Envelope - I (Covering Letter, Techno-Commercial documents etc.) and Envelope -II (Price Bid), duly signed formats, each one duly sealed separately, in one original as desired by you in the bid document for your consideration.

It is confirmed that our Bid is consistent with all the requirements of submission as stated in the bid document and subsequent communications from The South India Textile Research Association. The information submitted in our Bid is complete, strictly as per the requirements stipulated in the bid document and is correct to the best of our knowledge and understanding.

We would be solely responsible for any errors or omissions in our Bid. We confirm that all the terms and conditions of our Bid are valid for acceptance for a period of 180 (One Hundred Eighty Days) from the date of opening of "Price Bid (Envelope-II)". We confirm that we have not taken any deviation so as to be deemed non-responsive.

Dated the.....day of, 2023.

Thanking you,

We remain,

Yours faithfully,

Name, Designation and Signature of the Authorized Person in whose name Power of Attorney / Board Resolution / Declaration. Copy of Power of Attorney / Board Resolution / Declaration should be enclosed along with Covering Letter.

Appendix-2**INFORMATION ABOUT THE BIDDING FIRM**Bid document No.: **SITRA/COE/INST/001/2023**Date: **03.07.2023**

| S. No. | Particulars | |
|--------|---|--|
| 1 | Name of the Bidder | |
| 2 | Address of Bidder with Telephone, E-mail | |
| 3 | Address of the Registered Office | |
| 4 | Address of the works | |
| 5 | Name & Designation of Authorized Signatory for Correspondence | |
| 6 | Nature of Firm (Proprietorship / Partnership / Pvt. Ltd / Public Ltd. Co. / Public Sector/others.....specify) | |
| 7 | Permanent Account Number (PAN) | |
| 8 | GST Registration Number | |
| 9 | Specify in case of OEM | |
| 10 | Year of starting of business | |
| 11 | Number of instruments sold to the market (for the model quoted in the Bid) | |
| 12 | Whether the Bidder has submitted details of customer list (for the model quoted in the Bid) | |
| 13 | Sales turn-over of the company: | |
| | (i) FY 2019 - 20 | |
| | (ii) FY 2020 – 21 | |
| | (iii) FY 2021 - 22 | |
| 14 | Place where instrument will be available for Inspection (Coimbatore region) | |
| 15 | Name & address of service centre (nearest to Coimbatore) | |
| 16 | Other details and remarks, if any | |

Yours faithfully,

(Signature of Authorized Signatory)

Name :
Designation :
Company seal :

(Separate sheet may be used for giving detailed information in seriatim duly signed. This form must be submitted duly signed in case separate sheet is submitted)

Appendix-3

AUTHORITY LETTER FOR SIGNING BID DOCUMENT & ATTENDING BID OPENING MEETING

Bid document No.: **SITRA/COE/INST/001/2023**

Date: **03.07.2023**

To,
The Director
The South India Textile Research Association
13/37, Avinashi Road
Civil Aerodrome Post
Coimbatore – 641014

Sub: Authority Letter for Attending Bid Meeting, Bid Opening Meeting & Signing Bid Document.

I hereby authorize.....(Name & Designation) to attend the **Bid Meeting/Bid Opening Meeting & Sign the Bid Document** (*tick wherever applicable or tick both, if same person is to attend*) to be held on.....at SITRA on behalf of our company.

He is also authorized to provide clarifications /confirmations, if any, and such clarifications/confirmations shall be binding on the company. The specimen signature of is attested below:

.....
(Specimen Signature)
Name :
Designation :

.....
(Signature of Authorized Signatory)
Name :
Designation:
Company seal

Yours faithfully,

(Signature of Authorized Signatory)

Name:
Designation:

Note:

To be submitted by bidders on official letter head of the company.

Authorization can be for more than one person or different person/s for Pre-Bid Meeting and Bid Opening Meeting.

Appendix – 4

DETAILS OF ORDERS RECEIVED AND EXECUTED IN PAST YEARS

Bid document No.: **SITRA/COE/INST/001/2023**

Date: **03.07.2023**

Name of the instrument:

Details of Orders Received & Executed by the Manufacturer / Vendor during the past **10 years in India**:

| S. No. | Name of the Customer | Model | Order No. Date & Qty | Delivery Schedule | Qty supplied within delivery schedule | Qty supplied after delivery schedule | Date of full supply |
|--------|----------------------|-------|----------------------|-------------------|---------------------------------------|--------------------------------------|---------------------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

Add more rows if required

Yours faithfully,

(Signature of Authorized Signatory)

Name :

Designation :

Company Seal :

Note:

Attach photocopies of purchase orders

Attach photocopies of Certificate of Satisfactory Performance issued by concerned Organizations

Separate sheet may be used for giving detailed information in seriatim duly signed. This form must be submitted duly signed in case separate sheet is submitted

Appendix - 5

NO DEVIATION CERTIFICATE
(To be submitted on the Letter Head of the Bidding Company)

Ref. No.

Date:

To
The Director
The South India Textiles Research Association
13/37, Avinashi Road
Coimbatore – 641 014
Tamilnadu

Sub: Bid for Supply, Installation, Commissioning and Training of Lab Instruments at SITRA, Coimbatore, Tamilnadu

Dear Sir,

We understand that any `deviation/exception' in any form may result in rejection of bid. We, therefore, certify that we have not taken any 'exception/deviation' anywhere in the bid and we agree that if any 'deviation/exception' is mentioned or noticed, our bid may be rejected.

(Signature of Authorized Signatory of Bidder)

Name :
Designation :
Company seal

Place:

Date:

Appendix-6

DECLARATION REGARDING BANNING, LIQUIDATION, COURT RECEIVERSHIP, ETC.

(To be submitted on the Letter Head of the Bidding Company)

To
The Director
The South India Textiles Research Association
13/37, Avinashi Road
Coimbatore – 641 014
Tamilnadu

Sub: Bid for Supply, Installation, Commissioning and Training of Lab Instruments at SITRA, Coimbatore, Tamilnadu

Dear Sir,

We hereby confirm that we are not on Banned List by any Govt. Procurement Agencies or Public Sector Project Management Consultant due to “poor performance” or “corrupt and fraudulent practices” or any other reason or banned by Government department/Public Sector on due date of submission of bid.

Further, we confirm that neither we nor our allied agency/(ies) (as defined in the Procedure for Action in case of Corrupt/Fraudulent/Collusive/Coercive Practices are on banned list.

We also confirm that we are not under any liquidation, court receiver ship or similar proceedings or 'ruptcy bank'.

In case it comes to the notice of SITRA that we have given wrong declaration in this regard, the same shall be dealt as 'fraudulent practices' and action shall be initiated as per the Procedure for action in case of Corrupt/Fraudulent/Collusive/Coercive Practices.

Further, we also confirm that in case there is any change in status of the declaration prior to award of contract, the same will be promptly informed to SITRA by us.

(Signature of Authorized Signatory of Bidder)

Name :
Designation :
Company seal

Place:

Date:

Appendix - 7

FORMAT OF CHARTERED ACCOUNTANT CERTIFICATE FOR
FINANCIAL CAPABILITY OF THE BIDDER
(To be submitted on the Letter Head of the Chartered Accountant)

Ref. No.

Date:

To
The Director
The South India Textiles Research Association
13/37, Avinashi Road
Coimbatore – 641 014
Tamilnadu

Sub: Bid for Supply, Installation, Commissioning and Training of Lab Instruments at SITRA, Coimbatore, Tamilnadu

Dear Sir,

We have verified the Annual Accounts and other relevant records of M/s..... (Name of the bidder) and certify the following.

Further, we certify that the Financially Evaluated Entity (ies) had an Annual Turnover

A. ANNUAL TURNOVER OF LAST 3 YEARS:

| Year | Amount (Currency) |
|-----------------|-------------------|
| Year 1: 2019-20 | |
| Year 2: 2020-21 | |
| Year 3: 2021-22 | |

And

Net worth (strike out whichever is not applicable) of INR.....Crore computed as per instructions provided in this bid document based on unconsolidated audited annual accounts as per last FY. (FY 2020-21 or 2021-22) Please mark tick whichever is used

B. FINANCIAL DATA FOR LAST AUDITED FINANCIAL YEAR:

| Description | Year |
|--|-------------------|
| | Amount (Currency) |
| 1. Current Assets | |
| 2. Current Liabilities | |
| 3. Working Capital (Current Assets- Current liabilities) | |
| 4. Net Worth (As mentioned under Annexure to BDS) | |

Yours faithfully

Signature and stamp (on each page) of Authorized Signatory of Bidding Company.

Name:

Date:

Place:

Signature and stamp (on each page) of Chartered Accountant / Statutory Auditors of Bidding Company

Name:

Date:

Place:

Notes:

Audited consolidated annual accounts of the Bidder may also be used for the purpose of financial criteria provided the Bidder has at least 50% equity in each company whose accounts are merged in the audited consolidated accounts and provided further that the financial capability of such companies (of which accounts are being merged in the consolidated accounts) shall not be considered again for the purpose of evaluation of the Bid.

Appendix-8

PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE SECURITY

(To be stamped in accordance with Stamp Act, the Non-Judicial Stamp Paper
of Rs.100/- and should be in the name of the issuing Bank)

Bank Guarantee No.: Date:

NOA/ Contract No.....

..... [Name of Contract]

To:

The Director
The South India Textile Research Association
13/37, Avinashi Road
Coimbatore – 641 014
Tamil Nadu

Dear Sir,

In consideration of the Director representing "SITRA" having agreed to exempt (hereinafter called "said successful bidder / vendors") from the demand, under the terms and conditions of contract awarded in No. Dated made between and for

(hereinafter called "said Agreement") of Performance security for the due fulfillment by the said successful bidder / vendor(s) of the terms and conditions contained in the said Agreement, on instrumentation of Bank Guarantee for Rs.(Rupees ----- only).

We* (hereinafter referred to as the Bank) at the request of successful bidder / vendor(s) do hereby undertake to pay to the Port an amount not exceeding Rs. against any loss or damage caused to or suffered or would be caused to or suffered by the Port by reason of any breach by the said successful bidder / vendor(s) of any of the terms and conditions contained in the said Agreement.

We* do hereby undertake to pay the amounts due payable under this Guarantee without any demur, merely on a demand from the Port stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Port by reason of any breach by the said successful bidder / vendor(s) of any of the terms and conditions contained in the said Agreement or by reason of the successful bidder / vendor(s) failure by perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However our liability under this Guarantee shall be restricted to an amount not exceeding Rs.

We undertake to pay to the Port any money so demanded notwithstanding any dispute or disputes raised by the Successful bidder / vendor(s) in any suit or proceedings before any Court of Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall be valid discharge of our liability for payment thereunder and the Successful bidder / vendor(s) shall have no claim against us for making such payment.

We* further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Port under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till SITRA certified that the terms and condition of the said Agreement have been fully and properly carried out by the said successful bidder / vendor's and accordingly discharges this Bank Guarantee. Unless a demand or claim under this Guarantee is made on us in writing within three months from the date of expiry of the validity of the Bank Guarantee period we shall be discharged from all liability under this Guarantee thereafter provided further that the Bank shall at the request of the Port but at the cost of Successful bidder / vendor(s) renew or extend this Guarantee for such further period or periods as the Port may require.

We * further agree that the Port shall have the fullest liberty without consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said Successful bidder / vendor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Port against the said Successful bidder / vendor(s) or for any forbearance, act or omission on the part of the Port or any indulgence by the Port to the said Successful bidder / vendor(s) or by any such matter or thing whatsoever which under the Law relating to sureties would but for this provision, have effect of so relieving us.

This Guarantee will not be discharged due to the change in the constitution of the Bank or the Successful bidder / vendor(s)
We * lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Port in writing.

This guarantee is valid up to (period) dated the day of 2023 for..... **

Indicate here the name of the Bank

Indicate here the period or date.

Appendix-9A

Format for submitting the “PRICE SCHEDULE/FINANCIAL BID” for Supply, Installation, Commissioning and Training of CO2 Incubator at, The South India Textile Research Association, Coimbatore, Tamilnadu

Bid document No.: SITRA/COE/INST/001/2023

Date: 03.07.2023

To,
The Director
The South India Textile Research Association (SITRA),
13/37, Avinashi Road,
Coimbatore – 641014, Tamilnadu

Price Schedule - I

| S. No. | Item | Price in INR |
|--------|---|--------------|
| 1.0 | Cost of Supply - CO2 Incubator | |
| 1.1 | Packing & Forwarding charges | |
| 1.2 | Insurance charges | |
| 1.3 | Shipping / Transport / Freight charges | |
| 1.4 | Other charges (customs duty, customs clearance charges, local transport, etc) if any | |
| 1.5 | IGST/GST | |
| | Supply Cost (all inclusive) (A) (1.0+1.1+1.2+1.3+1.4+1.5) | |
| 2.0 | Installation, Commissioning & Training charges (inclusive of handling, inspection charges) | |
| 2.1 | Other charges, if any | |
| 2.2 | Service Tax | |
| | Installation, Commissioning & Training charges (all inclusive) (B) (2.0+2.1+2.2) | |
| | Total Price (P) = (A+B) | |
| | Total in words (Rupeesonly) | |

(Overseas suppliers are permitted to quote in foreign currency)

Certified that rates quoted for **CO2 Incubator** are as per specifications, terms & conditions mentioned in the bid document and our financial proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal, i.e., (Date).

(Signature of Authorized Signatory with Name, Designation, Company Seal)

Appendix-9B

Format for submitting the “PRICE SCHEDULE/FINANCIAL BID” for Supply, Installation, Commissioning and Training of Real Time PCR System at, The South India Textile Research Association, Coimbatore, Tamilnadu

Bid document No.: SITRA/COE/INST/001/2023

Date: 03.07.2023

To,
The Director
The South India Textile Research Association (SITRA),
13/37, Avinashi Road,
Coimbatore – 641014, Tamilnadu

Price Schedule - I

| S. No. | Item | Price in INR |
|--------|---|--------------|
| 1.0 | Cost of Supply - Real Time PCR System | |
| 1.1 | Packing & Forwarding charges | |
| 1.2 | Insurance | |
| 1.3 | Shipping / Transport / Freight charges | |
| 1.4 | Other charges (customs duty, customs clearance charges, local transport, etc) if any | |
| 1.5 | IGST/GST | |
| | Supply Cost (all inclusive) (A) (1.0+1.1+1.2+1.3+1.4+1.5) | |
| 2.0 | Installation, Commissioning & Training charges (inclusive of handling, inspection charges) | |
| 2.1 | Other charges, if any | |
| 2.2 | Service Tax | |
| | Installation, Commissioning & Training charges (all inclusive) (B) (2.0+2.1+2.2) | |
| | Total Price (P) = (A+B) | |
| | Total in words (Rupeesonly) | |

(Overseas suppliers are permitted to quote in foreign currency)

Certified that rates quoted for **Real Time PCR System** are as per specifications, terms & conditions mentioned in the bid document and our financial proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the Proposal, i.e., (Date).

(Signature of Authorized Signatory with Name, Designation, Company Seal)

Appendix-10**Check list for submission of Bid**

| S. No. | Document | Envelope | |
|---------------|--|----------------------------|-----------|
| 1 | Appendix – 2: Information about the Bidding Form | Techno - commercial | Cover `A` |
| 2 | Appendix – 3: Authority Letter for Signing Bid Document & Attending Bid Opening Meeting | | Cover `A` |
| 3 | Appendix – 4: Details of Orders Received and Executed in Past Years | | Cover `A` |
| 4 | Appendix – 5: No Deviation Certificate | | Cover `A` |
| 5 | Appendix – 6: Declaration regarding Banning and Liquidation, Court Receivership, etc | | Cover `A` |
| 6 | Appendix – 7: Format for Chartered Accountant Certificate for Financial capability of the Bidder | | Cover `A` |
| 7 | Registration certificate of the Firm | | Cover `A` |
| 8 | ITR Filing details for the FY 2020-21 & FY 2021-22 | | Cover `A` |
| 9 | Brochure/Catalogue/Technical Sheets of Instrument (model as per bid document) | | Cover `A` |
| 10 | Letter of authorized distributor/dealer/agent/service provider | | Cover `A` |
| 11 | GST certificate | | Cover `A` |
| 12 | Appendix – 11: Specifications compliance list | | Cover `A` |
| 13 | Warranty card | | Cover `A` |
| 14 | Appendix – 9A/9B: Format for submitting the Price Schedule | Financial | Cover `B` |
| 15 | Bid Document | | Cover `C` |
| 18 | Appendix – 1: Covering Letter | | Cover `C` |

All the above 3 covers are to be put in one master cover and the following information to be furnished on all 4 covers:

Bid document Ref. No with date of submission

Instrument(s) number with name

Bidders complete postal address with contact person name and phone number

Note: If the bidder fails to furnish all the relevant documents/information as mentioned in the Bid document, their bid will be rejected.

A. CO2 incubator

Application: Should support for the maintenance and multiplication of mammalian cells and primary cells under controlled regular and hypoxic condition for various biological studies. (Yes / No)

| S. No. | Specification | Bidder's remarks on compliance |
|--------|---|--------------------------------|
| 1. | Air-jacketed system with the capacity between 170 and 240L | |
| 2. | Working Temperature: 5 °C (above ambient) to 50 °C | |
| 3. | Temperature accuracy and uniformity : ± 0.1 °C and ± 0.5 °C or lower at 37 °C | |
| 4. | CO ₂ range: 0 to 20 % | |
| 5. | Accuracy and uniformity of CO ₂ : ± 0.1 % | |
| 6. | The CO ₂ recovery rate should be 2 min or less after door opening and closing event to attain 5% CO ₂ | |
| 7. | CO ₂ inlet should be fitted with HEPA filter | |
| 8. | Removable SS tray, pan volume 2.5L; RH at 37 °C: up to 95 % | |
| 9. | Shelves: Minimum 4, should be stainless steel 316, removable and corrosion resistant | |
| 10. | Microprocessor controlled display, Touch Screen/Button system. Adjustment for Temperature and CO ₂ , relative humidity | |
| 11. | Heating system: 6 sides, with additional door to avoid condensation | |
| 12. | Door: fully insulated stainless steel door | |
| 13. | Sterilization temperature: 180 °C, without removing the sensor | |
| 14. | Safety: Alarm for temperature and CO ₂ deviation | |
| 15. | Essential Spares and accessories: HEPA Filter and tubing at free of cost | |
| | General details | |
| a. | Should provide Instrument user list in India / Tamil Nadu | |
| b. | Should provide warranty for 3 years | |
| c. | Should provide AMC terms and conditions | |
| d. | Should guarantee availability of spares and service for the life of the instrument | |
| e. | ISO/IEC 17025 certified calibration certificates for all sensors | |

| | | |
|----|---|--|
| f. | Certificate : ISO /CE | |
| g. | Should submit IQ/OQ/PQ documents | |
| h. | Should train the user on the handling / operation of the instrument at SITRA site as well as at your facility | |

B. RTPCR System

| S. No. | Specifications | Bidder's remarks on compliance |
|--------|--|--------------------------------|
| 1. | Peltier based automated Real time Thermal cycling system for measuring both real- time PCR and post-PCR (end-point) analysis | |
| 2. | 96-well block of the system should accommodate 96 well PCR plates, 8-TubeStrips with clear caps and PCR tubes. The system should be quoted with interchangeable blocks | |
| 3. | Temperature range: 4 °C to 100 °C; accuracy of the system: ±0.2 °C, well to well Temperature Uniformity: ±0.1 °C or lesser, Gradient range: 30 °C to 100 °C | |
| 4. | System should support reaction volume between 1 µl and 50µl | |
| 5. | Sample ramp rate should be more than 4°C/sec while heating and should be more than 2°C/sec while cooling | |
| 6. | System to provide on line cycle by cycle monitoring with continuous display of readings for Fluorescence, Temperature changes and progression of amplification and detection simultaneously on all 96 wells on the plate | |
| 7. | The system must be able of custom filter alignment (e.g. mismatch excitation and emission filters: FAM excitation / ROX emission) and normalization of reaction due to non-PCR related fluctuations such as pipetting variations, should be possible by using ROX™ or any other calibrated dye | |
| 8. | System should have individual well to well excitation and emission for better sensitivity for capturing the signals without any edge effects | |
| 9. | The Excitation source should be single blue LED light source and emission detection by PDA. There should be enough excitation and emission filters to cover majority of dyes | |
| 10. | The instrument should be pre-calibrated for at least seven dyes including the following during installation at the customer site: FAM™/SYBR® Green I, VIC®/JOE™, Cy5 and ROX™, Marina Blue® | |
| 11. | The user should be able to use any of these dyes in an experiment without needing to recalibrate the instrument. Addition of new dyes should be possible without hardware change (HRM) | |
| 12. | System should be standardized for at least two homogeneous reaction chemistries including SYBR Green I and dual color TaqMan or four color hybridization probes (FRET) | |
| 13. | Instrument filters should be divided based on the wavelength starting from 350 to 700 nm | |
| 14. | System should have a minimum of Eight filters, Four Excitation filters (470/533/577 and 645 nm) and Four Emission filters (514/572/620 and 697 nm) to cover majority of the commercially available dyes | |
| 15. | Multiplexing capacity: minimum true 4 colour multiplex analysis without any passive reference dye | |
| 16. | System should be compatible with all kind of chemistry Syber green and Hydrolysis probe and compatible with all kind of kits in the market. Should be open system for both reagents & disposable plastic consumables | |
| 17. | Run time of the system should be less than 2 hr for 40 cycles | |
| | Software | |
| 1. | The instrument software must be capable of detecting and analyzing a different gene, SNP or pathogen target in every well of the 96-well plate. The instrument software should not restrict the number of assays or targets that can be run on a single 96-well plate. | |
| 2. | The real time PCR software should allow the user to do the analysis of all type of application like but not restricted to | |

| | | |
|----|---|--|
| | <ul style="list-style-type: none"> a. Absolute quantitation b. Advanced Relative quantitation c. Multiplex-PCR allelic discrimination (SNP) d. Tm Calling (Meltcurve Analysis – Sybr) e. Endpoint Genotyping f. Qualitative Gene detection g. High Resolution Melting curve analysis (HRM) for mutation studies h. Pathogen detection | |
| 3. | RT PCR software should be of multi user installation facility and allow the user to design the experiment or plate layout conveniently | |
| 4. | Software should allow to import / export in different formats like Txt export, Charts: Data and image | |
| 5. | System software should support remote access for trouble shooting | |
| 6. | Software should have the provision to use barcode scanner and import / export option for plating layout to reduce the time in plating layout | |
| 7. | Free updation of software for the life of the instrument | |

Optional requirement: Dedicated licensed full version software for primer and probe design with comprehensive assay design and development guidelines for quantitative and qualitative real-time assays should be provided to enable designing of custom oligo assays. (Yes / No)

| Accessories and general details | | |
|--|--|---------------------------------------|
| S. No. | Specifications | Bidder's remarks on compliance |
| a. | Necessary control / QC kits for installation should be supplied along with instruments | |
| b. | Laptop / desktop PC with color printer should be supplied | |
| c. | Should provide Instrument user list in India / Tamil Nadu | |
| d. | Should provide warranty for 3 years | |
| e. | Should provide AMC terms and conditions after the warranty period | |
| f. | Should guarantee availability of spares and service for the life of the instrument | |
| g. | ISO/IEC 17025 certified calibration certificates for all sensors | |
| h. | Certificate: ISO/CE | |
| i. | Should submit IQ/OQ/PQ documents | |
| j. | Should train the users on the handling / operation of the instrument at SITRA site as well as at your facility | |