

Bid Document

| Bid Details | |
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| Bid End Date/Time | 30-07-2022 16:00:00 |
| Bid Opening Date/Time | 30-07-2022 16:30:00 |
| Bid Offer Validity (From End Date) | 80 (Days) |
| Ministry/State Name | Ministry Of Science And Technology |
| Department Name | Department Of Science And Technology (dst) |
| Organisation Name | Sree Chitra Tirunal Institute For Medical Sciences And Technology (sctimst) |
| Office Name | Thiruvananthapuram |
| Total Quantity | 1 |
| Item Category | CO2 Incubator (Q3) |
| Years of Past Experience Required for same/similar service | 2 Year (s) |
| MSE Exemption for Years Of Experience | Yes |
| Startup Exemption for Years Of Experience | Yes |
| Document required from seller | Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Bid to RA enabled | Yes |
| RA Qualification Rule | 50% Lowest Priced Technically Qualified Bidders |
| Comprehensive Maintenance Charges Required | Yes |
| Time allowed for Technical Clarifications during technical evaluation | 2 Days |
| Evaluation Method | Total value wise evaluation |

EMD Detail

| | |
|----------|----|
| Required | No |
|----------|----|

ePBG Detail

| | |
|----------|----|
| Required | No |
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Splitting

Bid splitting not applied.

MII Purchase Preference

| | |
|-------------------------|----|
| MII Purchase Preference | No |
|-------------------------|----|

MSE Purchase Preference

| | |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.
5. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

CO2 Incubator (1 pieces)

| | |
|------------|------------------|
| Brand Type | Registered Brand |
|------------|------------------|

Technical Specifications

* As per GeM Category Specification

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|--|--|---|
| Performance Parameters | Temperature management range in degree Celsius | 5°C over ambient to 50°C |
| | Temperature accuracy | ±0.1°C |
| | Temperature stability | ±0.1°C at 37°C |
| | Gas uniformity | ±0.1% at set 5.0% CO2 concentration at 37 °C set temperature |
| | CO2 recovery rate | At least of 6 min after door opening and closing event to attain 5% CO2. |
| | Dry Heat Sterilization temperature in degree Celsius | 140 |
| | Shelves thickness in mm | 8 to 10 |
| | Minimum Time taken for CO2 recovery rate after door opening | 6 |
| | Availability of Fan less design to reduce chance of contamination, reduce noise | Yes, Fan with in chamber HEPA for better recovery and ISO class 5 clean air Or higher |
| | Sensor used | Infra-Red (IR) and NDIR type CO2 Sensor |
| Maximum temperature for Sensor functionality | 140 °C or more during dry heat sterilizations | |
| Reports | Warranty in years | 1, 2, 3, 4, 5 Or higher |

| Comprehensive Maintenance | |
|--|--------|
| Warranty of required product | 3 Year |
| Comprehensive Maintenance Duration (Post Warranty) | 7 Year |

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Additional Specification Parameters - CO2 Incubator (1 pieces)

| Specification Parameter Name | Bid Requirement (Allowed Values) |
|------------------------------|--|
| Certification | ISO 9001 & CE or equivalent Indian standards |

| Specification Parameter Name | Bid Requirement (Allowed Values) |
|---|---|
| Alarm and Filtration | Integrated audible and visual alarm for Temperature & CO2 and 0.3 microm antimicrobial filter for CO2 air filtration |
| Material of construction of inner chamber and Shelves with No. of shelves | Stainless steel joint-less chamber with uniform heat distribution with 4 or higher no of perforated height adjustable stainless steel shelves |
| Humidity | More than 90% @ 37 °C and removable water reservoir for humidity control. No water condensation on inner door surface |
| Capacity and availability of inner glass door | 160 L or higher capacity and inner glass door available |

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|---|----------|---------------|
| 1 | Veena L | 695012,BMT Wing, SCTIMST, Satelmond Palace Poojappura, Trivandrum | 1 | 60 |

Buyer Added Bid Specific Terms and Conditions

1. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

- Bidders shall quote only those products 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.
- Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
- Compliance Sheet and Brochure** of the product(s) offered in the bid, are to be uploaded along with the bid documents. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
- Experience:** The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt. Organization / PSU / Public Listed Company for **2 years** before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
- Scope of Supply** (Bid price to include all cost components): Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any) Installation, Commissioning, Testing, Configuration, Training (if any - whichever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller

at consignee location free of cost. The payment will be released only thereafter.

6. **Installation:** Installation & Commissioning including Testing of the equipment should be completed within 15 days of communication site readiness to the seller by the buyer/consignee/end user.
7. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
8. Wherever Authorised Distributors are submitting the bid, **OEM Authorization Certificate** should be submitted.
9. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if: (i) The Seller fails to comply with any material term of the Contract. (ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent. (iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly. (iv) The Seller becomes bankrupt or goes into liquidation. (v) The Seller makes a general assignment for the benefit of creditors. (vi) A receiver is appointed for any substantial property owned by the Seller. (vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
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.
11. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If 5 / 9 L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.
12. **Service & Support:** Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service centre is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre. BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support and provide Escalation Matrix of Telephone Numbers for Service Support.
13. **Warranty** period of the supplied products shall be **3 years** from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

14. Successful bidder will have to ensure that adequate number of dedicated technical service personals/engineers are designated/deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing/rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid. After having been notified of the defects/service requirement during warranty period, Seller has to complete the required Service/Rectification within 3 days' time limit. If the Seller fails to complete service/rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service/rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to reimburse the cost of such service/rectification to the Buyer.
15. Performance (during Warranty period): The time spent on the repair work will be added to the warranty period of the equipment.
16. Performance (during CMC/AMC period): Uptime means 95 percent of total days in a year during which the equipment remains functional. Down time means any shortage in achieving the up-time. Down time attracts penalty.
17. **List of Essential Spares & Consumables:** If the equipment contains any essential spares and consumables, the price should be frozen for minimum 3 years after warranty period. The price of the spares and consumables should be attached separately in the financial document sought for.
18. If the item involves software, the successful bidder should obtain software license in the name of 'Director, SCTIMST' and the paper license / email license to be transferred to the name of Institute.
19. **Malicious Code Certificate:** The seller should upload following certificate in the bid: -
 - (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to: - (i) Inhibit the desires and designed function of the equipment.
 - (ii) Cause physical damage to the user or equipment during the exploitation.
 - (iii) Tap information resident or transient in the equipment/network.
 - (b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
20. The successful bidder has to register at SCTIMST Vendors' Portal and get themselves verified once the purchase order is generated. The payment will be processed only after successful verification of the seller in the portal.
21. Bidders must ensure that only the concerned document is uploaded in a particular field for document upload. Uploading the same document in multiple fields should be avoided.
22. Bidder's offer is liable to be rejected if they do not upload any of the certificates/ documents sought in the Bid document, ATC and Corrigendum if any.

Note: OEM Warranty of the product is 3 years from the date of successful installation and commissioning of the system. This warranty supercedes any lesser warranty period mentioned in specifications.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

Additional Clause For Comprehensive Maintenance Charges

- 1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months or as per user requirement. Cost of consumables shall not be included in CMC.Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- 2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.
- 3.GST shall be included in the CMC Charges quoted.
- 4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula.A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.
- 5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
- 6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available.Under this option up to 10 years can be chosen for CMC charges beyond warranty period.
- 7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.
- 8.The CMC functionality shall be available in bid only and no direct RA shall be applicable.In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1.Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

- CMC charges for 1st year after warranty period- Percentage to be indicated- A1
- CMC charges for 2nd year after warranty period- Percentage to be indicated- A2
- CMC charges for 3rd year after warranty period - Percentage to be indicated- A3
- CMC charges for 4th year after warranty period - Percentage to be indicated- A4
- CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A10 are to be indicated for 6th to 10th year of CMC if applicable.

8.2.The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3.In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se-ranking of the bidders. The following are the variables

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \left\{ \frac{A1}{100} / (1.10^n) + \frac{A2}{100} / (1.10^{n+1}) + \frac{A3}{100} / (1.10^{n+2}) + \frac{A4}{100} / (1.10^{n+3}) + \frac{A5}{100} / (1.10^{n+4}) \right\}$ and so on

C - Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1, A2, A3, A4 & A5 shall depend on how many years CMC selected. For 3 year CMC, only A1, A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4. CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5. The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

9. Since CMC charges are to be paid only later for each year during CMC period, applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 5% as specified in bid on total CMC Charges. The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11. In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis. The equipment cost and CMC charges (year to year) shall be matched individually.

12. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13. CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---