

Bid Document

Bid Details	
Bid End Date/Time	12-11-2022 14:00:00
Bid Opening Date/Time	12-11-2022 14:30:00
Bid Offer Validity (From End Date)	100 (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	Individually Ventilated Cage System (IVCS) (Q3)
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (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	No
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00

Duration of ePBG required (Months).

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(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

DIRECTOR

Thiruvananthapuram, Department of Science and Technology (DST), Sree Chitra Tirunal Institute for Medical Science & Technology (An Institute of National Importance under Govt. of India) Bio Medical Technology Wing, Poojappura, Trivandrum, Kerala Pin- 695012
(Dr Sanjay Behari)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference

Yes

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" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. 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" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. 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. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
5. 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.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Individually Ventilated Cage System (IVCS) (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Product type	Individually ventilated Cage, Bottles, Air handling unit, Racks
	Installation and Commissioning is included in scope of supply	Yes
	Supply includes additional quantity of HEPA filters	10 numbers
INDIVIDUALLY VENTILATED CAGE	Cage top having an external self-centring depression for water bottle, microbiological filter, supply and exhaust wall for air ventilation and nylon latches	Yes
WATER BOTTLES	Made up of	High grade polysulphone transparent with AISI 304 cap with nipple
AIR HANDLING UNIT (AHU)	Type	Stand alone tower type
	AHU should provide Air Changes per hour to each IVC	90 per hour
RACK	Types of Rack	Single sided
WARRANTY	Warranty periods in years (covers replacement of IVC sensors, touch screen, microprocessor pre-filters, HEPA filter)	3, 4, 5 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
TEST REPORT	AHU Aeraulic tests (both in positive and negative pressure mode)	Yes
	AHU DOP filter integrity tests	Yes
	AHU Electrical tests	Yes
	AHU Sensor calibration	Yes
	Test reports to be furnished to buyer on demand, if claimed to be available Hint- Not applicable if Test Repot is not available	Yes

Additional Specification Parameters - Individually Ventilated Cage System (IVCS) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
IVC VENTILATOR (1No)	Compact width in SS 304 construction having supply and exhaust ports mounted on top and bottom panel to serve 4 nos. single sided racks or 2 nos. double sided racks having following features / specifications:- - Silent operation fans with high efficiency motor. Fan speed adjusted automatically to meet the set value of supply and exhaust air quantity
Controller	- Pre-filter, grade H4, HEPA filter, grade H14 - Microprocessor based Programmable logical controller - HMI with 178 mm, TFT LCD 16 bit colour display with software controlled white LED backlit illumination, High Intensity Touch screen, virtual keypad. - Monitoring, programming of set limits, fault indication (with audio, video alarm) and data logging of all basic parameters. Easy selection of positive or negative pressure mode.
Castor wheel and Power supply	- Run Hour Counter with time based 'change filter' notice, Alarm on clogging of HEPA filter, adjustment of number of air changes on - Serial Com. port (RS232), Ethernet Com. Port, USB port. - Multiple ventilator connectivity with PC for remote monitoring, control and data download (through LAN) - Power supply : 220 V, Single Ph., 50 Hz, AC supply - Noise Level < 50 Db(A) - Castor wheels : 4 nos., 80 dia, SS housing, nylon wheels, 2 wheels with pad lock
IVC CAGE RACK FOR RAT (2 Nos)	Cage loading from one side for 30 nos. IVC cages of size C for rats Frame structure, supply & exhaust air headers with air distribution system in SS 304 construction Duct couplers, endcaps, cage supply air nozzles & cage exhaust air nozzles in special grade rubber construction Cage runners in special grade nylon construction Castor wheels :- SS 304 casing and special grade nylon wheels, 2 nos. free moving & 2 Nos. lockable Flexible air hose for supply air & exhaust air connections
IVC CAGES FOR RATS (TO SUIT RACK) (60 Nos)	Polytherimide construction ,comprising of Cage bottom Cage lid with supply air port, exhaust air port & water bottle port with self closing isolators, 0.2 micron breather filter, filter retaining grill, lid clamps & card holder. Water bottle in PSU const. with SS cap with nipple Cage grill in SS 304 construction with nylon gasket, Cage floor area : 800 cm2 Clear height : 18.5 cms

* 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,Biomedical Technology Wing Sree Chitra Tirunal Institute for Medical Sciences & Technology Satelmond Palace, Poojappura, Thiruvananthapuram, Kerala, India Pin Code : 695012, Thiruvananthapuram, 695012	1	35

Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1. 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.
2. 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.
3. **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.
4. **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 **3 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.
5. **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** (if applicable): 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. **Bidder Turn Over Criteria** (if applicable): The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 years old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
11. 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.
12. **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.
13. **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.
14. **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.
15. 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 3days' 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.
16. Performance (during Warranty period): The time spent on the repair work will be added to the warranty period of the equipment.

17. **Comprehensive Maintenance Contract (CMC):** CMC charges permissible shall be a maximum of 5% of order value plus applicable GST per year after warranty period. Escalation of 5% will be applicable once in every three years.
18. **Annual Maintenance Contract (AMC) Labour:** Labour AMC charges shall be a maximum of 2.5% of order value plus applicable GST per year after warranty period. Escalation of 5% will be applicable once in every three years.
19. 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.
20. **List of essential spares:** If the equipment contains any essential spares and consumables, the price should be frozen for minimum 3 years after warranty period. The price should be attached separately.
21. 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.
22. **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.
23. **Performance Bank Guarantee** (if applicable): For all supplies/contract above rupees five lakhs, the successful bidder should furnish a performance guarantee/security deposit @ 3 percent of purchase order value excluding GST against the item with warranty and 5 percent of purchase order value excluding GST against items without warranty in the form of Fixed Deposit or Bank Guarantee from a nationalized bank having a validity period of 60 days beyond the completion of all contractual obligations of the supplier. The reduced percentage may be continued for the entire duration of the contract even beyond 31/03/2023.
24. 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.
25. Declaration regarding local content for **Make in India** preference shall be uploaded along with the bid documents wherever required.
26. 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.
27. 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.

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.

[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---