

### Bid Document

<b>Bid Details</b>	
<b>Bid End Date/Time</b>	16-09-2022 15:00:00
<b>Bid Opening Date/Time</b>	16-09-2022 15:30:00
<b>Bid Offer Validity (From End Date)</b>	180 (Days)
<b>Ministry/State Name</b>	Ministry Of Science And Technology
<b>Department Name</b>	Department Of Science And Technology (dst)
<b>Organisation Name</b>	Sree Chitra Tirunal Institute For Medical Sciences And Technology (sctimst)
<b>Office Name</b>	Thiruvananthapuram
<b>Total Quantity</b>	3
<b>Item Category</b>	Anaesthesia Workstation (Q3)
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)</b>	60 Lakh (s)
<b>OEM Average Turnover (Last 3 Years)</b>	240 Lakh (s)
<b>Years of Past Experience Required for same/similar service</b>	3 Year (s)
<b>MSE Exemption for Years Of Experience and Turnover</b>	Yes
<b>Startup Exemption for Years Of Experience and Turnover</b>	Yes
<b>Document required from seller</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (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
<b>Past Performance</b>	30 %
<b>Bid to RA enabled</b>	No
<b>Comprehensive Maintenance Charges Required</b>	Yes
<b>Time allowed for Technical Clarifications during technical evaluation</b>	7 Days
<b>Evaluation Method</b>	Total value wise evaluation

#### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.50
EMD Amount	300000

#### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.50
Duration of ePBG required (Months).	38

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

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

#### Beneficiary:

DIRECTOR, SCTIMST

Thiruvananthapuram, Department of Science and Technology (DST), Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Ministry of Science and Technology  
(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". 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. 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 above 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-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. 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.

5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

6. 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.

7. 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.

8. 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.

9. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

#### Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
07-09-2022 10:00:00	<p>Please go through the online link Join from the meeting link <a href="https://sctimst.my.webex.com/sctimst.my/j.php?MTID=mee0654cc495cf361d026fed65eee1d50">https://sctimst.my.webex.com/sctimst.my/j.php?MTID=mee0654cc495cf361d026fed65eee1d50</a></p> <p>Join by meeting number Meeting number (access code): 2642 562 6200 Meeting password: 12345</p>

## Anaesthesia Workstation ( 3 pieces )

(Minimum 50% and 25% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

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

### Technical Specifications

\* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Performance Parameters	<b>Purpose of anesthesia workstation</b>	Anesthetic machine in used to provide an accurate and continuous supply of medical gases mixed with an accurate concentration of anaesthetic vapour and deliver this to the patient at a safe pressure and flow.
	<b>Components of Anesthesia workstation</b>	Anesthesia machine , Inbuilt ventilator , vaporisor , Gas delivery system , Multi para monitor
	<b>Type of mounting for the Anesthesia workstation</b>	Wall Mounting, Trolley Mounting
	<b>Material used for Anesthesia workstation</b>	Non ferrous metals, Polymer, Epoxy powder painted steel, Stainless steel, rust-proof ABS plastic with metal reinforcements
	<b>Mode of integrated scavenging system with pressure relief valve</b>	Active, Passive
	<b>Minimum Battery backup for anesthesia workstation</b>	45 Minute, 1 hour, 2 hour
	<b>Minimum Battery backup for Ventilator</b>	45 Minute, 1 hour, 2 hour
	<b>Minimum Battery backup for monitor</b>	45 Minutes, 1 hour, 2 hour
	<b>Facility of manual ventillation in case of electricity and battery failure</b>	Yes, No
	<b>Facility of gas and agent delivery in case of electricity and battery failure</b>	Yes, No
	<b>All the components likes anesthesia machine, integrated ventilator, vaporizer from the same manufacturer</b>	Yes, Yes (except for desoflurene/Enflurane vaporizer to be sourced from reputed OEM with complete warranty support and authorization )
	<b>Patient monitor from same manufacturer</b>	Yes, No
	<b>The anesthesia machine can be used safely up to 1000 gauss line while being used with MRI</b>	Yes, No

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Should have Air/N<sub>2</sub>O interlock</b>	Yes, No
	<b>Warranty in years</b>	3, 4, 5
Gas Delivery System	<b>Mode of gas mixing</b>	Electronic, Pneumatic
	<b>Type of hypoxic guard with automatic cutoff of N<sub>2</sub>O</b>	Electronic, Mechanical
Vaporizer	<b>Vaporizer compatible to gases</b>	Sevoflurane, Isoflurane, Desflurane, Halothane, Enflurane
Breathing System	<b>Number of bair circuit (adult) supplied with workstation</b>	10, 15, 20
	<b>Number of Jackson Rees circuit for pediatric patients supplied with workstation</b>	10, 15, 20
	<b>Volume capacity of breathing system in liters</b>	1.5, 1.7
Anesthesia Ventilator	<b>Available modes of operating ventilator</b>	Manual/spont, volume controlled , pressure controlled , SIMV/PS, CMV, SIMV, AC, Sign
	<b>Ventilator should be capable to pressure support</b>	Yes, No
	<b>Screen size of Ventilator monitor in inches</b>	8, 10, 12, 15, 7
Monitor	<b>Type of monitor</b>	TFT, LCD
	<b>Patient multipara monitor shall be able to display parameters</b>	HR, SpO <sub>2</sub> , NIBP, ECG, Temp, HR, SpO <sub>2</sub> , NIBP, ECG, Temp, Agent identification (MAC), HR, SpO <sub>2</sub> , NIBP, ECG, Temp, Agent identification (MAC), NIMT/BIS, Entropy
	<b>NMT to be displayed</b>	Yes, No
	<b>Dual temperature to be displayed</b>	Yes, No
	<b>BIS/ENTROPY to be displayed</b>	Yes, No
	<b>Capnography to be displayed</b>	Yes, No
	<b>EtCO<sub>2</sub> to be displayed</b>	Yes, No
	<b>IBP1 and IBP2 to be displayed</b>	Yes, No
	<b>CO(cardiac output) to be displayed</b>	Yes, No
<b>System to be supplied with oxygen monitor</b>	Yes, No	
Additional Accessories	<b>Provision for laryngoscopes</b>	Yes (adult and pediatric), Not Provided
	<b>Reusable patient circuits</b>	1, 2, Not provided

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Reusable masks</b>	2, 3, Not provided, Adult & Pediatric i piece on each sizes 0,1,2,3,4 & 5
	<b>SPO<sub>2</sub> sensor provided</b>	1, Not provided, 2
	<b>NIBP cuff</b>	1, Not Provided
	<b>Skin and nasopharyngeal temperature probe</b>	1, Not provided
	<b>ETCO<sub>2</sub> sample lines</b>	1, Not provided, 10, 25, 10
	<b>Reusable IBP interface cables</b>	1, Not provided
	<b>Disposable IBP transducers</b>	1, Not provided, 5, 10
	<b>BIS sensors</b>	10, 20, 25, Not provided
	<b>Accessories for wall mounting</b>	Yes, NA (If trolley mounting)

<b>Comprehensive Maintenance</b>	
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 - Anaesthesia Workstation ( 3 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
1) Type of mounting for the Anesthesia workstation 2) Material used for Anesthesia workstation 3) Mode of integrated scavenging system with pressure relief valve	1) Trolley Mounting 2) Epoxy powder painted steel 3)Active
1) Minimum Battery backup for anesthesia workstation, Ventilator, & Monitor 2) Facility of manual ventilation in case of electricity and battery failure 3) Facility of gas and agent delivery in case of electricity and battery failure	1) 1 hour, 2 hour 2) Yes 3) yes 4) Yes

Specification Parameter Name	Bid Requirement (Allowed Values)
1) Patient monitor from same manufacturer 2) Vaporizer compatible to gases 3) Number of bair Hugger circuit (adult) supplied with workstation 4) Number of Jackson Rees circuit for pediatric patients supplied with workstation	1) Yes 2) Sevoflurane, Isoflurane, 3) Not required 4) Not required
1)Screen size of Ventilator monitor in inches 2) NMT to be displayed 3) Dual temperature to be displayed 4) BIS/ENTROPY to be displayed 5) Capnography to be displayed 6)EtCO2 to be displayed 7)IBP1 and IBP2 to be displayed	1)12, 15, 2) Yes 3) Yes 4) Yes 5) Yes 6) Yes7) Yes
1)CO(cardiac output) to be displayed 2) System to be supplied with oxygen monitor 3)SPO2 sensor provided 4) NIBP cuff & Skin and nasopharyngeal temperature probe	1) No 2) Yes 3) 1,2 4) 1

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

#### Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	80%
Min Cost Allocation for ICT as a % of product cost	20%
Number of days allowed for ICT after site readiness communication to seller	90 Days

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Shiju V S	695011,Sree Chitra Tirunal Institute For Medical Science and Technology,Medical College PO, Trivandrum	3	15

### 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

- Ø Ø Bidders are advised to quote prices as per technical specification.
  
- Ø The equipment should be supported with spares for a minimum period of 10 years after successful installation and commissioning." All the spares and consumables required for the equipment should be made available through GeM throughout the agreed supporting period". ( A line of confirmation should be submitted along with the bid document.)
  
- Ø The bidder should submit a declaration confirming that the Product Cost/ Total Cost does not include warranty charges other than OEM Warranty. If any charges claimed by the bidder towards three years warranty which is included in the product cost/total cost should be indicated in the declaration form. Aforesaid declaration should be submitted along with technical bid. On request split up of warranty cost (year wise) shall be provided by the bidder after price bid opening.
  
- Ø As per Institute policy CAMC should be a maximum of 5 % of equipment cost and escalation, if any (maximum 5 %) should be considered once in every three years. CAMC charges should be calculated excluding the extended warranty cost, if any, and GST of the equipment.
  
- Ø The supplier shall enter into CAMC with SCTIMST, 3 (three) months prior to the completion of Warranty Period. The CAMC will commence from the date of expiry of the Warranty Period.
  
- Ø Liquidated Damages:
  - Ø If the supplier fails to deliver or install/commission any or all of the goods or fails to perform the services within the time frame(s) incorporated in the Purchase Order, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser may consider termination of the contract .

If any delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:

    - o Imposition of liquidated damages,
    - o Forfeiture of its Performance Security and
    - o Termination of the Contract for default
  
- Ø Bidder has to demonstrate the equipment Online/Offline on request.
  
- Ø Integrity Pact Agreement will form part and parcel of this tender. It is mandatory to enclose the Integrity Pact Agreement (Appendix A) along with the techno-commercial bid.



- Ø Bidders should submit the Manufacturing Authorization uploaded in Buyer uploaded ATC Document along with technical bid.
- Ø Bidders should comply the GOI Order **No. F.No.6/18/2019-PPD dtd 23.07.2020** . A declaration with regard to this OM should be submitted along with technical bid.
- Ø Independent External Monitors:

- o **Sri. Prahlad Kumar Sinha, IP & TAFS (Rtd.) Ph.No.09423677066 I.D-pekay66@gmail.com.**

**BIDDERS SHOULD ALSO COMPLY THE FOLLOWING ADDITIONAL PARAMETERS**

**Performance parameters:**

- A.** Flow rate in LPM: Change to Inspiratory flow up to 160 LPM
- B.** No medical gas should be consumed in operating ventilator. There should be decoupling of fresh gas flow.
- C.** Virtual gas flow meter should be displayed onscreen.
- D.** System should calculate anaesthetic agent consumption and uptake by patient with display of utilization of fresh gas
- E.** It should have tools to support low and minimal flow anaesthesia such as for anaesthetic gas economy, details of low flow parameters, oxygen uptake and correlation of minute ventilation with carbon Dioxide.
- F.** Should be suitable for adult, paediatric, neonatal patients

**Gas delivery system:**

- A.** Availability of digital display of pressure gauges for cylinder and pipelines in anaesthesia workstations: Add digital display of pressure gauges
- B.** The sample gas should return into the breathing system during low flow anaesthesia
- C.** Oxygen cylinders should be concealed with covers

**Breathing system:**

- A.** Breathing system warmer should be integrated for breathing gas conditioning and avoidance of condensation.
- B.** Carbon dioxide absorbent soda lime chamber should have capacity of 1.5 litres.

**Anaesthesia ventilator:**

- A.** Integrated ventilator shall not require bellows to be changed for adults and infants.
- B.** Bidder should supply electronically-controlled piston ventilators
- C.** Tidal volume of ventilator in ml 5 ml to 1400 ml.
- D.** Breathing frequency in BPM 3 to 100 BPM.

- E.** It should have Autoflow or PCV-VG or similar mode for delivering set tidal volume at minimum airway pressure and in combination with SIMV
- F.** It should have dual-flow sensing technology with flow sensor at inspiratory and-expiratory side.
- G.** Ventilator preset should include automatic patient-specific ventilation settings through ideal body weight, age and height

**Monitor:**

- A.** Should have display of upto 4 real-time wave forms and display of concentration of (side-stream) CO<sub>2</sub>, O<sub>2</sub>, and anaesthetic agents, airway pressure, inspiratory and expiratory flows and loops for P-V and F-V loops
- B.** Should have cardiac bypass mode
- C.** CO (Cardiac output) to be displayed mandatorily

**Hemodynamic monitor:**

- A.** The degree of the rotation of the monitor arm should be more than 90 degree
- B.** Hemodynamic monitor should be mounted on the top of the workstation and the necessary mounts must be supplied.
- C.** It should be 19 inches or larger in size.
- D.** It should have touchscreen colour display with large fonts and provide access to minimum 12 or more waveforms
- E.** Should give direct access to Web-based applications, without requiring extra servers or licenses (such as Microsoft® clients, Citrix)
- F.** Should have basic arrhythmia detection for life-threatening alarms that include asystole, ventricular fibrillation, ventricular tachycardia, and bradycardia and more.
- G.** Should have non-volatile graphic and tabular trending of all monitored parameters as standard for minimum 96 hrs.
- H.** Should have manual as well as automatic setting of screen format with selectable parameter priority & colour selection for parameter on screen.
- I.** Should have integrated transport monitor with battery backup of 180 min and one-button disconnect and without additional modules or batteries and shall allow transport with all currently monitored parameters remaining active.
- J.** The transport display shall automatically adjust its orientation using a gravitational sensor when it is rotated to a different view.
- K.** The transport monitor should have minimum 6 inches of touch screen and 3 or more waveforms.
- L.** Should have Defibrillator and ESU protection, ECG Sync, IABP interface (ECG and Arterial for triggering and deflation with a device delay of <20 millisec)
- M.** Ready for wired networking.

- N.** Monitoring solution shall support least sixteen (16) different display layouts, and at least five (5) for the transport component.
- O.** While using another application, the monitor configuration will always allow for continuous viewing of the real-time parameter data
- P.** 360-degree alarm bar & Rotary knob lights up when conformation for user selection is required
- Q.** Touchscreen, Rotary knob & keyboard
- R.** Monitor when interfaced with Anaesthesia workstation, the monitor shall provide capabilities for display of multi-parameter sets to be used in lung recruitment procedures through an analysis tool.
- S.** Monitor shall provide the option to connect a secondary display that can be configured independent display without the need for additional hardware and users the ability to configure the location, speed and color of the parameters and their associated waveforms separately to the monitoring workstation.
- T.** Monitor should be able to connect to anaesthesia machine and should be able to display ventilator waveforms, parameters and loops.
- U.** It should have minimum ECG, NIBP, SpO2, 2 temperatures and 2 invasive pressures as standard features. All other parameters should be through upgrades as pods/modules and softwares. There should be provision for monitoring additional 2 invasive pressures (Total 4 invasive pressures).
- V.** ECG: 5 lead ECG monitoring with three leads of ECG waveforms simultaneously monitoring. Should display 12 leads of ECG monitoring Range 15 to 300bp. Should display 12 leads of ECG by connecting 6/5 ECG lead wires (Reduced lead set algorithm) as standard feature with max. lead positions as per standard lead placement

Following accessories should be provided, which are compatible with the each

Hemodynamic monitor

-

- A.** 5/6/10 lead ECG Cable - 1 in number
- B.** SpO2 set finger Peadiatric, Neonatal and Adult sensor with extension cable -1 in number
- C.** Skin temperature Probe 1 in number
- D.** Rectal / Oesophageal temperature probe 1 in number
- E.** Covers for the machine to cover when it is not in use.

**Paperless Anaesthesia charting**

- A.** Paperless anaesthesia charting solution should be provided.
- B.** There should be provision for digital entry of preoperative anaesthesia record.
- C.** Facility for automatic electronic charting and data management solution with data archival facility for patient monitor and ventilator data should be provided.
- D.** It should be single centralised server based for multiple bed's upgrade. Charts should be seen on patient monitor screen itself.

**Slave monitor:**

- A.** 17 inch or above color TFT slave monitor displaying the ECG, hemodynamics, respiratory, anesthesia gas concentrations temperature, pulse oximeter, EtCO2 BIS and preferably NMT values to be included.

**OTHERS**

<u>Specifications</u>		<u>Bid Requirement</u>
<b>A.</b> ETCO2 Sample lines	:	1,10,25,10
<b>B.</b> Reusable IBP Interface cables	:	1
<b>C.</b> Disposable IBP transducers	:	5,10
<b>D.</b> Accessories for wall mounting	:	Not Applicable

-

**3. Service & Support**

Availability of Service Centres: 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 center 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.

#### 4. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of Director, SCTIMST payable at Trivandrum.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 5. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

#### 6. **Generic**

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

#### 7. **Generic**

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.

#### 8. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

#### 9. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

#### 10. **Generic**

Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)

#### 11. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Director payable at Trivandrum. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

#### 12. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Director, SCTIMST A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of

award of contract.

### 13. **Generic**

**Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

### 14. **OEM**

**IMPORTED PRODUCTS:** 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.

### 15. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

## **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=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$  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---