

Bid Corrigendum

GEM/2022/B/2422274-C3

Following terms and conditions supersede all existing "Buyer added Bid Specific Terms and conditions" given in the bid document or any previous corrigendum. Prospective bidders are advised to bid as per following Terms and Conditions:

Buyer Added Bid Specific Additional Terms and Conditions

1. 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 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) CO₂, O₂, 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 millisecc)
- 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

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- A.** 5/6/10 lead ECG Cable - 1 in number
- B.** SpO2 set finger Pediatric, 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>
A. ETCO2 Sample lines	: 1,10,25,10
B. Reusable IBP Interface cables	: 1
C. Disposable IBP transducers	: 5,10
D. Accessories for wall mounting	: Not Applicable

CORRIGENDUM DTD 10.10.2022 AGAINST THE BID NO.GEM/2022/B/2422274/26.08.2022

Anaesthesia workstation	
As per tender	To be read as
Breathing system: Page 5/15	
Volume capacity of breathing system in litres 1.5, 1.7 litres	Volume capacity of breathing system in litres 1.5, 1.7 litres or more considering bag as a part of breathing system
Additional specification parameters:Page 6/15	

In Box 1: Material used for Anaesthesia workstation: Epoxy powder painted steel	Epoxy powder painted steel or rust-proof ABS plastic with metal reinforcement
Additional specification parameter: Page 7/15	
Patient monitor from same manufacturer	Deleted
Additional parameters: Performance parameters: Page 9/15	
A: Flow rate in LPM: Change to inspiratory flow up to 160LPM	Flow rate in LPM: Change to inspiratory flow up to 120 LPM + Fresh gas flow
B: No medical gas should be consumed in operating ventilator. There should be decoupling of fresh gas flow.	Deleted
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:	Remove oxygen uptake and correlation of minute ventilation with carbon dioxide.
Breathing system: Page 9/15	
Breathing system warmer should be integrated for breathing gas conditioning and avoidance of condensation	Breathing system warm or any other mechanism should be integrated for breathing gas conditioning and avoidance of condensation
B: Pre-BID specification: Carbon dioxide absorbent soda lime chamber should have capacity of 1.5 litres	Carbon dioxide absorbent soda lime chamber should have capacity of 1.2 litres or more
Anaesthesia ventilator: Page 9/15	
A: Integrated ventilator shall not require bellows to be changed for adults and infants:	Deleted

B: Bidder should supply electronically-controlled piston ventilator:	Bidder should supply electronically-controlled piston ventilators; or integrated microprocessor controlled and pneumatically driven ventilator with Bellows, having flow-sensors near endotracheal tube and which are common for adult and pediatric application; or microprocessor incorporated-Turbine ventilators; or any latest technology to generate ventilation
D: Breathing frequency in BPM 3 to 100 BPM	Breathing frequency in BPM 4 to 100 BPM

3. 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. 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. 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. **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. 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. 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. 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. 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. 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. 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. **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. **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 uploaded ATC document [Click here to view the file](#).
16. **Timely Servicing / rectification of defects during warranty period:** 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 re-imburse the cost of such service / rectification to the Buyer.

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 document shall overwrite all previous versions of Bid Specific Additional Terms and Conditions.

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