

## Bid Corrigendum

GEM/2022/B/2394964-C4

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. 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.
2. 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.
3. 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 The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee.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
4. **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.
5. 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.
6. 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.
7. 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 %.
8. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
9. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
10. **NET WORTH:** Net Worth of the OEM should be positive as per the last audited financial statement.
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, SCTIMST 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. While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.
15. Buyer uploaded ATC document [Click here to view the file.](#)
16. 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.
17. Buyer Added text based ATC clauses

- A.** Bidders are advised to quote prices as per technical specification.
- B.** 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.)
- C.** 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.
- D.** 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.
- E.** 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.
- F.** Liquidated Damages:

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:

- a. Imposition of liquidated damages,
- b. Forfeiture of its Performance Security and
- c. Termination of the Contract for default

- G. The bidder should submit Manufacturer's Authorisation Form as per the format enclosed in ATC.
- H. Bidder has to demonstrate the equipment Online/Offline on request.
- I. 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.

**BIDDERS SHOULD ALSO COMPLY THE FOLLOWING SPECIFICATIONS AS PART OF TECHNICAL SPECIFICATION**

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Ø Adult 3D/4D/Live 3D transthoracic echocardiography Matrix probe 1 - 5±1 MHz for adult cardiac imaging. Must have tissue harmonic imaging.

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Ø TEE 3D probe should have following modes: Biplane 2D echocardiography imaging, single-beat and ECG-gated multi-beat acquisition of 3D/4D volumes and rendering, 3D zoom, and color full volume, Single-beat high volume rate acquisition.

Ø Contrast imaging should be offered on the system, with optimization for LOW and HI MI applications .

Ø System should have an OLED monitoring screen.

Ø Rendering MPR views, 3D slice planes. Volume rendering, surface rendering. Single button - spatial resolution (pyramidal image size), temporal resolution (FR), and RT imaging, Manipulation of the 3D image, by rotating and cropping, for appropriate software to quantify the valvular structure

Ø Provision of PC with echocardiogram machine: We have asked for a laptop with following specifications: A portable laptop should be provided from a branded manufacturer with at least 512 GB SSD hard disk, intel core i7 8th generation or higher processor, 16 GB or more RAM, flat panel 14 inches or larger screen, 2 or more USB-3 ports, image & graphic softwares, latest original version of Microsoft office home/student one-time purchase and original windows 10 or higher, carry bag (original company made preferable), 3-year extended warranty. The licensed software should be loaded for offline processing of 3D/4D dataset, color 3D, strain quantification, 2D speckle tracking, etc, same as that loaded in the echocardiography system. Suitable antivirus for the system to be provided for as multiple insertions of USB have the potential to harm the hard disk.

Ø Following TEE-specific analysis parameters should be provided: (I) LV volumes and LVEF by length, area, volume methods, including for biplane method. (II) Prosthetic aortic and mitral valve peak velocity, mean gradient, DVI, acceleration time, EOA, AT/ET, MV pressure half time (III) Valve stenosis and regurgitation (IV) TAPSE, MAPSE (V) MPI or TEI index (VI) dp/dt (VII) LVOT cardiac output (VIII) LV mass (IX) LVFAC (X) PISA mitral valve (XI) RVSP (XII) Diastolic function (XIII) Angle measurement (XIV) Heart rate (XV) LA size area (XVI) RA size area (XVII) Hepatic and pulmonary venous Doppler parameters. Those analytical features, which are not loaded by default, should be entered in the system manually.

Ø The system should be capable of 4D RV quantification.

Ø System should offer LIVE X-Plane (Bi-plane/tri-plane) imaging with manipulation of orthogonal planes - lateral, elevation plane and their rotation should be possible.

Ø Measurement tools and quantification for 3D/4D echocardiography imaging compatible with transesophageal echocardiography: Latest version of the built-in original vendor-licensed software for 3D/4D acquisition; 3D/4D left ventricular quantification using Voxel count or similar algorithms, including segmental time-volume curves, semi-automated endocardial border tracing, Left ventricular volumes and ejection fraction, color-coded bull's eye rendering of time-volume curves, parametric imaging, fully automated tracing of left ventricular endocardial border with LV quantification in transesophageal echocardiography; 3D/4D software for measurements of dimensions, area and volumes; Quantification tool for automated quick measurement of LVEF by border tracing method ; Quantification tool for illumination of mitral valve using 3D/4D rendering, compatible with TEE; Quantification tool for automated quick quantification of 2D LV longitudinal strain, LA strain and RV strain; Quantification tool for automated 3D/4D measurements of left atrial volume, left ventricular volumes and mass in full cardiac cycles with moving contours of cardiac chambers, which is compatible with transesophageal/transthoracic echocardiography; LA strain using 2D speckle tracking to measure LA reservoir function, conduit function and contractile function, compatible with transesophageal/transthoracic echocardiography.

Ø System should have 1 Terabyte(1TB) in-built hard disk capacity.

Ø Standalone machine system should be supplied with height adjustable original cart with wheel locking and swivel facility for portability.

Ø Accessories to be supplied with each machine: 3 lead ECG cable- 2 pcs; TEE probe tip protector; Bite guard- Adult- 5; Connecting cable transferring ECG signals from the monitor/defibrillator to echo machine- 2nos; TEE probe disinfection tray/basin- 2 nos.

Ø Contrast-enhanced ultra sound (CEUS) option required

Ø The echocardiography system should have not been launched world-wide more than 6 years prior to the date of installation in the Institute. A line confirmation with regard to the same should be submitted by the bidder.

Ø Tissue Doppler imaging compatible with TEE.

**CORRIGENDUM DTD 10.10.2022 AGAINST THE BID  
NO.GEM/2022/B/2394964/26.08.2022**

<b>ECHO CARDIOGRAPHY SCANNING MACHINE</b>	
<b>As per tender</b>	<b>To be read as</b>
Additional specification parameters: <b>Page 8/15</b>	

Box 1: TEE Adult Probe biplane and multiplane frequency in MHz	TEE Adult Probe biplane and multiplane frequency <b>3- 8 MHz or a wider range of frequency in MHz</b>
Box 2: Live 3D imaging in color doppler system	Live <b>3D/4D</b> imaging in color doppler system
Bidder should also comply the following specifications as part of technical specifications: <b>Page 12/15</b>	
Adult 3D/4D/Live 3D transthoracic echocardiography Matrix probe 1-5 ± 1 MHz for adult cardiac imaging.	Adult 3D/4D/Live <b>3D or 4D</b> transthoracic echocardiography Matrix probe <b>1.5 - 4.5 MHz or a wider range of lower and higher frequencies in MHz</b>
TEE 3D probe should have following modes: Biplane 2D echocardiography imaging , single-beat and ECG-gated multi-beat acquisition of 3D/4D volumes and rendering, 3D zoom and color full volume, single-beat high volume rate acquisition.	TEE 3D/4D probe should have following modes: Biplane 2D echocardiography imaging , single-beat and ECG-gated multi-beat acquisition of 3D/4D volumes and rendering, <b>3D/4D</b> zoom and color full volume, single-beat high volume rate acquisition.
System should have OLED monitoring screen	System should have <b>21 inches or larger; OLED or HDU monitoring screen</b>
Provision of PC with echocardiogram machine: We have asked for a laptop with following specifications: A portable laptop should be provided from a branded manufacturer with at least 512 GBSSD hard disk; intel core i& 8th generation or higher processor, 16 GB or more RAM, flat panel 14 inches or larger screen, 2 or more USB-3 ports, image and graphic softwares, latest original version of Microsoft office	Provision of PC with echocardiogram machine: <b>A laptop should be provided with following specifications:</b> A portable laptop should be provided from a branded manufacturer with at least 512 GBSSD hard disk; intel core I & 8th generation or higher processor, 16 GB or more RAM, flat panel 14 inches or larger screen, 2 or more USB-3 ports, image and graphic softwares, latest original version of Microsoft

home/student one time purchase and original windows 10 or higher, carry bag (original company made preferable), 3-year extended warranty. The licensed software should be loaded for offline processing of 3D/4D dataset, color 3D, strain quantification, 2D speckle tracking, etc, same as that loaded in the echocardiography system,. Suitable antivirus for the system to be provided for us as multiple insertions of USB have the potential to harm the hard disk.

office home/student one time purchase and original windows 10 or higher, carry bag (original company made preferable), 3-year extended warranty. **The latest licensed software installed in echocardiography and laptop should have following minimum features:Processing of 3D/4D dataset;color 3D/4D;2Dstrain quantification.**

**If AI-enabled automated Doppler quantification in TEE; AI-enabled automated mitral valve quantification in TEE; and automated 2D quantification of left ventricle in TEE are not provided in the laptop for offline use, it should be specified.** The laptop softwares should be same as that loaded in the echocardiography system. Suitable antivirus for the system to be provided for us as multiple insertions of USB have the potential to harm the hard disk.

Bidder should also comply the following specifications as part of technical specifications: **Page 12 and 13 /15**

Measurement tools and quantification for 3D/4D echocardiography imaging compatible with transesophageal echocardiography: Latest version of the built-in original vendor-licensed software for 3D/4D acquisition; 3D/4D left ventricular quantification using Voxel count or similar algorithms, including segmental time-volume curves, semi-automated endocardial border tracing, Left ventricular volumes and ejection fraction, color-coded bull's eye rendering of time-volume curves, parametric imaging, fully automated tracing of left ventricular

Measurement tools and quantification for 3D/4D echocardiography imaging compatible with transesophageal echocardiography: Latest version of the built-in original vendor-licensed software for 3D/4D acquisition; 3D/4D left ventricular quantification using Voxel count or similar algorithms, including segmental time-volume curves, semi-automated endocardial border tracing, Left ventricular volumes and ejection fraction, color-coded bull's eye rendering of time-volume curves, parametric imaging, fully automated tracing of left ventricular

<p>endocardial border with LV quantification in transesophageal echocardiography; 3D/4D software for measurements of dimensions, area and volumes; Quantification tool for automated quick measurement of LVEF by border tracing method ; Quantification tool for illumination of mitral valve using 3D/4D rendering, compatible with TEE; Quantification tool for automated quick quantification of 2D LV longitudinal strain, LA strain and RV strain; Quantification tool for automated 3D/4D measurements of left atrial volume, left ventricular volumes and mass in full cardiac cycles with moving contours of cardiac chambers, which is compatible with transesophageal/transthoracic echocardiography; LA strain using 2D speckle tracking to measure LA reservoir function, conduit function and contractile function, compatible with transesophageal/transthoracic echocardiography.</p>	<p>endocardial border with LV quantification in transesophageal echocardiography; 3D/4D software for measurements of dimensions, area and volumes; Quantification tool for automated quick measurement of LVEF by border tracing method ; Quantification tool for illumination of mitral valve using 3D/4D rendering, compatible with TEE; Quantification tool for automated quick quantification of 2D LV longitudinal strain, LA strain and RV strain <b>compatible with TTE /TEE</b>; Quantification tool for automated 3D/4D measurements of left atrial volume <b>compatible with TTE /TEE</b>, left ventricular volumes and mass in full cardiac cycles with moving contours of cardiac chambers, which is compatible with transesophageal/transthoracic echocardiography; LA strain using 2D speckle tracking to measure LA reservoir function, conduit function and contractile function, compatible with transesophageal/transthoracic echocardiography.</p> <p><b>System should offer AI-enabled automated Doppler quantification in TEE; AI-enabled automated mitral valve quantification in TEE; automated 2D quantification of left ventricle in TEE.</b></p>
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Additional specification parameters: **Page 8/15**

Box 5 Laser color printer provided with computer for reporting	Deleted
	PNDT Certificate should be arranged by the supplier.

**CORRIGENDUM DTD 19.10.2022 AGAINST THE BID NO.GEM/2022/B/2394964/26.08.2022**

<b>ECHO CARDIOGRAPHY SCANNING MACHINE</b>	
<b>As per tender</b>	<b>To be read as</b>
Delivery Days <b>Page 9/15</b>	
15	150

18. 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.](#)