STORE SECTION (D.O.)

ALL INDIA INSTITUTE OF MEDICAL SCIENCES

ANSARI NAGAR, NEW DELHI – 110029

Ref. No. XX-94/SO(DO)/Geriatric Medi./2026-27/M&E Dated: 05.11.2026

CORRIGENDUM

It is informed that the tender bearing no. XX-94/SO(DO)/G.M./2026-27/M&E and CPP tender I.D. No. 2026_AIMSD_929914_1, procurement of Trans-Oesophageal Echo Cardiograph - 01 No., was published through CPP portal. Subsequent to pre-bid meeting, the technical Specification are revised on the feedback received from potential vendor. Hence the revised specification are as below:

Sl. No.	DETAIL	AMENDED/EXTENDED
1.	Technical Specification	Enclosed revised technical specification. **Annexure-I**

All other terms & condition of the tender are same.

(MANOHAR ARYA)

Sr. Store Officer (DO)

5/11/26

ANNEXURE-I

Revised Specification after Pre Bid on 27.10.2026

Name of equipment: High-end Trans Esophageal Echocardiography
Required Quantity- One
Warranty & CAMC: 2 years warranty + 8 years CAMC

List of Consumable: (if required)					
S. No.	Name of consumable	Number of unit required per year	Number of unit required for 10 years	Approx Unit cost Rs	Approx cost Rs for ten years
	NIL.	--	--	--	--

Sr. No.	Details
1.	The system must be latest generation, highest end &technologically advanced digital 4D (Live 3D) echocardiography system. Any other model other than the highest end and latest version is liable for rejection.
2.	System must be offered with a minimum of 80,00,000 digital processed channels. Original technical data sheet should be enclosed in technical bid to support the number of channels on the systems. If not mentioned, please attach a letter from manufacturer along with the technical bid clearly stating the digital processed channels of the offered system.
3.	System must have adult cardiology transducer with either single crystal technology or pure wave technology or matrix for excellent grayscale image quality on difficult to image patients. Please mention the technology used in the transducer. Original technical data sheet should be enclosed in technical bid to support the crystal technology.
4.	System must be offered with a minimum 21-inch-highresolution OLED/LCD flat panel medical grade display/high-definition ultrasound (HDU) monitor with nearly infinite position adjustments. Company should provide wider monitor if available.
5.	System should have at least three Imaging universal active probe ports with electronic switching facility from keyboard without probe adapter.
6.	System should be capable of supporting second generation 4D (Live 3D) matrix Transducer capable of supporting a minimum of 1700 elements for exceptional 4D (Live 3D) Echo, 4D (Live 3D) zoom, triggered full volume and triggered 3D color volume with

	electro cautery Suppression
7.	System should support broad hand probes spanning a frequency of 1-15 MHz.
8.	Image storage facility on in build storage and or MOD/CD/DVD-RW facility should be available. In built SSD with capacity of 1 TB and a 5 TB external hard disk should be provided. The system should have extensive image management capability including thumb nail review, Cineloop editing etc.
9.	System must be offered with speckle reduction imaging, an image processing technique to remove speckles and clutter artifacts
10.	System should have 4D (Live 3D) echocardiography capability with color flow imaging.
11.	System should be capable of scanning depth of 30cm. Scanning depth should be clearly mentioned in the technical quote If not mentioned Please attach a letter from manufacturer along with the technical bid clearly stating the scanning depth of 30 cm in the offered system.
12.	Should be able to perform advanced quantification measurements like strain &strain rate quantification. Should measure the myocardial velocity and derives the strain and strain rate along user-defined M-lines, preferably with multiple M-lines at a time. In addition to the tissue Doppler based strain, the system should have 2D based strain like VVI, AFI and TMQ should be offered. These should be offered both on the system and on an OFF-CART work station. The details of the OFF-CART workstation should be quoted and highlighted in the technical bid. The software on the system and the workstation must be the latest available.
13.	Latest version of 2D speckle tracking with ALL associated software available.
14.	System must be offered with user-friendly high-resolution user interface touch panel of minimum size of 10.5 inch or intuitive keyboard. User friendliness will be given preference.
15.	Should be able to perform MPR views for Quantification from 3D Imaging on Volume measurements like LV volumes, Ejection fraction from 3D Image, etc. Also, should offer synchronicity indicates to measure and compare timing of maximum contraction of LV volumes to determine those patients who will best benefit from CRT system. Should display global LV volume and should provide simultaneous display of 17 regional volume/ strain waveform. This should be offered both on the system and on a licensed

	workstation (both licensed hardware and licensed software) should be offered and highlighted in the technical bid.
16.	The system should have the facility of displaying the three planes of the 3D data set.
17.	Contrast harmonic imaging should be offered as standard on the system, with optimization for low and high MI applications. Should also have facility of low MI with triggered replenishment imaging.
18.	Integrated stress echo facility to perform stress echocardiography.
19.	Should have the state of the art transmit real-time compound imaging technology with multiple transmitted lines of sight, wherein multiple coplanar images from different viewing angles are obtained and combined into a single compound image at real-time >2000 fps frame rates for improved visualization. Should demonstrate and show multiple transmitted line of sight in linear probes.
20.	Provide Add-on archiving and storage Solution of 100 Tb Compatible with our current PACS system. The system should be fully inter operable with the hospital PACS and support, standard DICOM connectivity for seamless image transfer, storage and retrieval. The price for this has to be quoted separately. Details of warranty are negotiable and price of this will not be a deciding factor.
21.	SYSTEM MUST HAVE THE FOLLOWING TRANSDUCERS a. All probes must be included in the machine price. Warranty including replacement warranty thru AMC and CAMC has to cover the duration of warranty for the echo machine. b. Must attach original technical data sheet of transducer to specify the above technology used in the transducer. This probe must be the latest with smallest footprint feasible.
	A. Required transducers (All transducers should be latest version)
	1. 1-5 +1 MHz Broadband Adult Echo Transducer for Adult Cardiology imaging. Must have Tissue Harmonic Imaging, must have either single crystal technology or purewave or matrix technology for excellent Image quality on Difficult to image patients. Must attach original technical data sheet of transducer to specify the above technology used in the transducer. This adult probe must be of the smallest footprint.

	2.	4D (Live 3D) Echo Matrix Transducer for Adult 4D (Live 3D) with frequency ranging from 1-5±1 Mhz. This probe must support a minimum of 1700 elements for exceptional 4D (Live 3D) image quality on the matrix array transducer to simultaneous display of two real-time live high-quality image planes. This transducer should have either single crystal technology or purewave technology for excellent image quality on difficult to image patient. Please mention the crystal technology used in the transducer. System offered with normal transducers for adult echo are liable for rejection.
	3.	4D (Live 3D) Echo Matrix TEE Transducer for Adult 4D (Live 3D) with frequency ranging from 2-7 Mhz. with mitral valve analysis package, biplane Doppler & subsequent software packages for other valves to be provided free of cost. There should be customizable buttons on TEE probe.
	4.	Linear probe for adults (4-12 MHz)
	5.	7-26 MHz (+/- 1MHz) liniar hockey-stick probe for vascular and musculoskeletal imaging.
	6.	2-5 MHz (+/- 1MHz) single crystal/pure wave convex probe for general imaging and renal applications with shear wave elastography
22.	System should have automated 3D quantification of mitral valve regurgitation volume and peak flow rate from 3D color flow TEE images values should be comparable with cardiac MRI.	
23.	System should have AI-based single-click 3D quantification of LV and LA at the same time	
24.	System should be supplied with the 2KVA online UPS	
25.	The equipment should be BIS/CE/FDA/ISO/CDSCO certified.	

	Important conditions:
1.	**Guarantee & Warrantee** The bidder must quote rates of equipment with 2 (two) years onsite Comprehensive warranty (Including all spares, all accessories of equipment including cables, adaptor, connecters, X-ray tube, UPS & batteries, wheels, all 3rd party items and labor) from the date of Installation of equipment & handing over complete project. Further bidder must quote rates of Comprehensive Annual Maintenance Contract (CAMC) Including all spares, all accessories of equipment including cables, adaptor, connecters, X-ray tube, UPS & batteries, wheels, all 3rd party items and labor) for 3rd to 10th years, after expiry of two years comprehensive warranty. List of all consumables, which requires running the equipment, must be quoted with break-up price of each item and must uploaded in the PDF price bid section. The rates will be valid for 10 years. In case any consumables requires to run the equipment and firm did not quoted in the price bid section, all such required consumables will mandatorily be provided by the firm at free of cost during warranty & CAMC period without any additional conditions. In case, bidder not quoted rates for CMAC, it will be treated included and must be provide 10 years comprehensive warranty within quoted rates of equipment. No CAMC proposal will be considered later on. **The cost of equipment + CAMC (NPV) charges + inclusive of GST, will be considered for ranking (L-1) purpose.** All software updates till the period of 10 years to be provided free of cost. The L-1 bidder must submit copies of previous supply order placed by AIIMS, New Delhi or any other Govt./reputed Pvt. Hospitals/Organizations within one week of receiving the information for ascertaining the price reasonability of quoted equipment/instruments.
2.	**Accessories & Consumable:** The bidder should assure and give undertaking to supply all the required spares, accessories and consumables (as per bid terms) till 10 years from the date of Installation of equipment. Cost of all accessories, spares parts and consumable (if any) must be quoted separately with break-up price in PDF at price bid section mandatorily and the quoted rates will be valid for 10 years from the date of the equipment. All the accessories, spare parts and consumable (if any) not mentioned in list should be provided by the firm free of cost for 10 years.
3.	**General conditions:** (i) The product or its earlier model should have been marketed in the national/international market for at least 2 years. (ii) The parent company should certify that the quoted product is not going to be out of assembly line for at least 10 years from date of quotation. (iii) The parent company should give the undertaking to availability the spares during the warranty & CAMC period, if required. (iv) If the equipment is software based, and new software is introduced within 10 years, the up gradation will be provided free of cost. (v) The department may ask for demonstration of actual quoted product or even for trial use. (vi) If necessary, training of the personnel for the use of the equipment will be provided by the company vendor at on site
4.	**Compliance Statement:** The vendor must provide, in tabular form a comparative chart of the required technical specification and technical specification of the quoted product. The vendor must give the relevant page number and paragraph number, in their literature regarding that technical information in the technical bid. Merely stating "complies" or meets requirement" will

	lead to assumption that the quoted product does not have the required feature.
5.	Uptime guarantee of 95% must be agreed. Penalty clause will be applicable if the downtime of the unit exceeds 5% of the permissible downtime. The penalty will be in the form of extended warranty beyond eight years, which will be equal to the period of double the number of days for which the unit is non-functional
6.	Supplier must ensure availability of expertise service and maintenance at site of installation. Uninterrupted availability of spare parts and repair for next ten years must be assured.
7.	Two bid system: vendor must upload their bid in two bid system (Techno-commercial bid and Financial bid). All the bid and product related information/documents must be uploaded in the technical bid and all the financial related information/documents must be uploaded in the Financial bid. Mixed bid will be summarily rejected.
8.	Bidder respond to each specification in the same format and order as mentioned in the tender document and specify/indicate the page number and paragraph for verification from the product data sheet against each column.
9.	Original product data sheets, complete manuals and other necessary documents should be provided. Photocopies of these documents or printouts of the email/web pages will not be accepted.
10.	When required, information other than those in the data sheets should be provided as a separate document from the principals only and should refer to the specific sections being addressed. When standard vendor data sheet disagrees with the bid response (offer/compliance statement), clarification should accompany in the form of certificate from the principals only. In absence of this, the vendor data sheet will prevail for the purpose of evaluation and decision of the technical committee would be final and binding on the supplier.
11.	It will be the responsibility of the vendor to perform periodic QA examination and uploading the report on AERB website. Vendors will also be responsible for complying all the AERB guidelines during installation of equipment and the period of warranty and subsequent CMC/AMC.
12.	Please note that all technical features, facilities and accessories mentioned in the tender documents are standard requirements and hence, these should be offered as the standard feature. None of these should be offered as optional items.
13.	In no case the instrument should remain in non-working condition for more than 24 hours, beyond which a penalty as per the rules of the institute will be levied.
14.	The vendor should have a good service and application back up along with instruments to provide an effective trouble shooting and support. (Response time <12 hours).
15.	There should be service backup readily available within city and any complaint of malfunction should be attended to within 24 hours.
16.	It will be responsibility of the vendor to submit proposal of CAMC at least 6 months before expiry of warranty of previous CAMC.
17.	Price bid (with complete scope of supply, price break-up of all items), complete list of spare parts, accessories, consumables for quoted product must be uploaded in pdf at financial bid

	(space given in the price bid part of GeM Portal).
18.	Bidders must quote rates of all spares, accessories, consumables (with break-up price of each item) separately (in PDF) and the quoted rates will remain valid for 10 years (warranty & CAMC period) for future purchases as and when required basis.
19.	In case any item (spares, accessories, consumables) required to run the system and firm did not quoted rates of those items in their price bid, the same mandatorily will be supplied by the firms at Free of Cost without any Price/conditions.
20.	The bidder must provide the Physical Demonstration of quoted equipment with all disposables is mandatory. Only seven days will be given for preparation of quoted product. In case of not attended physical demo meeting, not demonstrated the quoted product/not demonstrated tendered features, the bid will be summarily rejected and no request for extension of demo meeting/so on, will be considered.