

BRIHANMUMBAI MUNICIPAL CORPORATION OF GREATER MUMBAI

**King Edward VII Memorial Hospital,
CSR Wing, Social Service Department,
Parel, Mumbai 400012**

CSR-KEMH/EoI/ 1006

date: 28/02/2024

Expression of Interest.

Subject- To invite Expression of Interest from Original Equipment Manufacturer /Vendor / Distributor to supply of Ultrasonography Machine with Adult High Frequency Vascular and Pediatric Probes at Cardiac Anesthesia Dept of KEM Hospital through CSR Fund received in PBCF Dept of KEM Hospital.

King Edward Memorial Hospital is one of the leading tertiary care, public hospitals in the metropolis of Mumbai that provides basic as well as specialized services to needy patients from all over the country. With a glorious legacy of 96 years and currently catering to over 1.8 million out-patients and 85,000 in-patients annually, the institute is among the top ranked medical institutes in India. The CSR Wing of the Social Service Department has been working hard to raise funds to procure advanced medical equipment for various medical and surgical specialty and super specialty departments of KEM, with the objective of providing state of the art facilities to the underprivileged sections of our society.

Through CSR funds raised by the CSR Wing of the Social service department, we wish to purchase of **Ultrasonography Machine with Adult High Frequency Vascular and Pediatric Probes at Cardiac Anesthesia Dept of KEM Hospital.**

For purchase of the above equipment, it is proposed to invite “Expression of Interest” from Original Equipment Manufacturer /vendors / Distributor, to supply the same to KEM Hospital. To supply of Original Equipment Manufacturer /vendors / Distributor should purchase a form Poor Box Charity Fund, KEM Hospital from **28.02.2024 to 06.03.2024** in working hours and all proposals with the required documents should be submitted on or before **06.03.2024 (by 1.00 pm) in the CSR office, Room No. 65, Social Service Department, KEM Hospital, Parel, Mumbai 400012.** With Two packet System (i.e. Packet A is a Administrative & Technical Documents & Packet B is a commercial) do not disclosed the price other than commercial packet. The packet will be open in front of CSR Committee as per schedule decided by committee.

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Specifications For Ultrasonography Machine with Adult High Frequency Vascular and Pediatric Probes at Cardiac Anesthesia Dept of KEM Hospital

	Description
Name of Equipment	Ultrasonography Machine with Adult High Frequency Vascular and Pediatric Probes at Cardiac Anesthesia Dept of KEM Hospital
Specification of Equipment	<ol style="list-style-type: none">1. System must be a state of the art model with all digital beam former with super computed signal processing and clinically proven imaging technologies. System quoted must be at highest end.2. System must be offered with the following applications: Adult and Pediatric 2D TTE application separately.3. The system should be light weight and economically designed4. System must be offered with a minimum of 900000 digital processed channels per image frame. Original technical data sheet should be enclosed in the 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 Channels of the offered system5. System must be offered with a min 15 inch High Resolution Integrated Flat Panel Display monitor with High resolution.6. System must be offered with frequency compounding facility. Other equivalent Technology can also be offered. Processing technology in technical bid should be highlighted.7. System must be offered with 2D, 3D, M – mode, Color M- mode, Anatomical M-mode (On Stored Images), Color Flow, Pulse Wave Doppler, continuous Wave Doppler and Directional Color Power Doppler.8. System must be offered with Speckle Reduction Imaging: Image processing technique to remove speckles and clutter artifacts9. System must be offered with a very high dynamic range of at least 250 dB to pick up subtle echoes. Original technical data sheet should be enclosed in the technical bid to support the Dynamic range in dB. If not mentioned Please attach a letter from manufacturer along with the technical bid clearly stating the dynamic range of the offered system.10. Frequency processing facility for the transducers should be 1 - 15

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	<p>MHz. This must be available without the need for frequency switching</p> <ol style="list-style-type: none">11. Offline Measurement and Zoom capability.12. Trolley with all Probe Connectors13. Triplex Imaging should best and ardon the system.14. System must be offered with a 2D/3D frame rate of at least 1000 frames/second. Acquisition frame rate should be clearly mentioned in the technical quote If not mentioned.15. Must be offered with a single button control for automatic optimization and adjustment of TGC and Receiver Gain to achieve optimal uniformity of image quality and faster scans. This should be demonstrated to the users in Cardiology and vascular exams during technical discussions.16. System must be offered with Enhanced Tissue Harmonic Imaging and should best and ardon the system. This should be based on a real – time digital signal storage and phase cancellation technique to enhance axial and Contrastre solution.17. The system should Three Probe Port Connectivity18. System should have extensive image management capability including thumb nail review, Cineloopediting.19. Following should be provided with the machine<ol style="list-style-type: none">1) Adult Cardiac Matrix Probe 1.5 - 4.6 MHz2) Peditric Cardiac probe – 2.0 - 7.0 MHz3) Linear probe 3.0 - 10.0 MHz20. Machine should be CE Certified by European Notified Body (Under MDD) along with declaration of conformity or US FDA approved for offered model and accessories.<p>In case of CE(Class-I) following documents are required to be enclosed:</p><ol style="list-style-type: none">1) Declaration of conformity by manufacturer or EU representative of Manufacturer for the quoted model.2) Documentary evidence regarding firm registered with EEA (European Economic Area) Competent authority is required. OR European Representative registered with EEA Competent authority appointed by firm is required. OR Other documents like certificates from notified body along
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	<p align="center">with declaration of conformity.</p> <p>21. Equipment must have at least 3 years comprehensive warranty to be followed by 5 years CMC. Technical support, required spares and consumables should be assured for two years after initial 3+5 years period is over.</p> <p>22. Demonstration of quoted model is compulsory.</p> <p>23. Power supply : 230 V +/- 15%, 50 Hz +/- 3%.</p> <p>24. Service training to MEC Engineers and Operational training to user department.</p> <p>25. Operating and detail service manual should be provided.</p> <p>26. Topicalizations:</p> <p style="padding-left: 40px;">Operation Temperature : 40°C</p> <p style="padding-left: 40px;">Storage Temperature : 60°C</p> <p style="padding-left: 40px;">Relative Humidity : Up to 90% non -Condensing</p>
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General Conditions :

Warranty period	Comprehensive warranty on equipment and all spares shall be three years. Inclusion and exclusion of Warranty documents should be clearly stipulated.
CMC	<p><u>Comprehensive Maintenance Contract (CMC)</u></p> <p>1) After the warranty period is over, five years Comprehensive Maintenance Contract (CMC) will have to be entered into with the terms and conditions mentioned in the documents as per BMC norms. List of consumables will be submit by supplier with cost freeze in advance for the warranty and CMC period.</p> <p>2) The successful supplier must ensure that all the required consumables and services are available during warranty and CMC period and 2 years after that, duly backed by the principal.</p>
<u>GENERAL REQUIREMENTS:</u>	<p>1) All items Price should include GST charges & any other charges. (Supplier needs to submit basic cost of equipment and GST rate in prescribed format).</p> <p>2) The above equipment shall be new and manufactured from virgin materials.</p> <p>3) It is mandatory to provide free installation & training for use of</p>

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	<p>equipment.</p> <ol style="list-style-type: none">4) The equipment should have warranty of three years as described in the terms and condition document. The warranty and CMC shall cover the list of spare parts and the rate of which shall be valid for total 8 years (warranty 3 years and CMC 5 years) irrespective of whether those are treated as consumables or otherwise. (Mentioned as per Technical Specification)5) After the warranty period is over, five years Comprehensive Maintenance contract (CMC) will have to entered into with the terms and conditions mentioned in the documents as per BMC norms. List of consumables will be submitted by supplier with cost freeze in advance for the warranty and CMC period6) Training to Medical Electronics Cell Engineers from servicing point of view and to user department from operating point of view is compulsory.7) Supplier should submit all technical details in the form of technical brochures / leaflets for all the equipment proposed for supply and mentioned in the technical offer.
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<u>Procedure for the opening of EOI:</u>	Packet-‘1’ (Administrative & Technical) will be opened in front of CSR Committee as per schedule decided by committee. Packet- ‘2’(Commercial Packet) will be opened only if the administrative & technical offer is acceptable. In case the administrative and technical offer in Packet ‘1’ is found not acceptable or found incomplete, then Packet -‘2’ (Commercial Packet) will not be opened and offer will be kept out of consideration. The date and time of the opening of Commercial Packet will be intimated to the responsive bidder via mail. No complaint for non receipt of such intimation will be entertained.
<u>Delivery & Installation Period</u>	1) Supplier should give free delivery at user department of KEM Hospital within 60 days from the date of receipt of purchase order. 2) Installation and commissioning of equipment shall be done within 15 days from the delivery of the equipment.
<u>Payment Conditions</u>	1) 50% payment will be made at the time of Issue Purchase Order as Advance 2) The balance 50 % payment will be released after satisfactory supply & Installation of the equipment & satisfactory installation commissioning of the equipment and submission of all required documents as per BMC norms. The Performance Certificate of equipment shall be issued by competent authority / Concerned HOD of User department. Also user department shall obtain satisfactory inspection report from EE (MEC).
All the above conditions should be strictly adhered to failing which the tender will be treated as non-responsive and no correspondence will be entertained in the matter.	
Necessary structural strengthening of site of installation shall be done through registered structural engineer appointed by bidder. Certificate to this effect shall be submitted after completion of work.	

The supplier should be submit documents mention in chek list attached herewith.

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If any doubts or any query about above mentioned work, you can contact CSR Wing of the Social Service Department / Dept of Cardiac Anesthesia, KEM Hospital, Parel, Mumbai - 400012.

Sd/- (28.02.2024)
CSR Head
GSMC & KEMH

Sd/- (28.02.2024)
HoD, Social Service Dept
GSMC & KEMH

Sd/- (28.02.2024)
HOD, Dept of
Cardiac Anesthesia
K.E.M. Hospital

Sd/- (28.02.2024)
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Check list of Documents to be submit with EOI form as per the order given below.

Sr No	Administrative Documents	Sr. No.	Technical Documents
1	EOI Form	1	Technical Offer
2	Tri party agreement	2	List of Consumables (Applicable in Warrenty & CMC Period)
3	EOI Form Fee Receipt	3	Comparison of EOI specification v/s Quoted equipment specification
4	Authorization Certificate.	4	Experience Certificate
5	Undertaking about CMC for 5 year after 3 year warranty period is over will be follows as per BMC norms	5	Past Performance Certificate of Quoted Equipment.
6	Signed copy of Terms & Condition of EOI Document	6	Copy of valid CE certificate OR copy of valid USFDA approval as mentioned in General Conditions (Technical specifications).
7	Firm/Company/ Sanstha Registration Certificates	7	Technical brochure of quoted model
8	Partnership deed (If applicable)		
9	Pan Card with Photograph.(Only for Indian Bidder)		
10	GST Registration Certificate as applicable		
11	Import / Export license issued by competent authority(if applicable)		
12	Power of Attorney to sign the tender		
13	Irrevocable Undertaking		
14	Special Annexure for GST		