

Expression of Interest.

Subject- To invite Expression of Interest from Original Equipment Manufacturer /Vendor / Distributor to supply of Temporary External Pacemaker- Dual Chamber for Dept of CVTS KEM Hospital through MPLAD Fund

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 MPLAD funds, we wish to purchase a **Temporary External Pacemaker- Dual Chamber for Dept of CVTS 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 **Temporary External Pacemaker- Dual Chamber for Dept of CVTS KEM Hospital**, Original Equipment Manufacturer /vendors / Distributor purchase a form, from Poor Box Charity Fund, KEM Hospital from 10/01/24 to 19/01/24 in working hours and all proposals with the required documents should be submitted on or before 19/01/24 (by 1.00 pm) Department of CVTS, CVTC Building, ground floor, 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 Heart Transplant Committee as per schedule decided by committee.

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

**Specifications For Temporary External Pacemaker- Dual Chamber for Dept Of CVTS
Kem Hospital**

| | Description |
|-----------------------------------|--|
| Name of Equipment | <u>Temporary External Pacemaker- Dual Chamber for Dept of CVTS KEM Hospital</u> |
| Specification of Equipment | Attached to ANNEXURE VII |

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Parel, Mumbai 400012

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 | <u>Comprehensive Maintenance Contract (CMC)</u> 1) After the warranty period of 3 years 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 spare parts / consumables will be submit by supplier with cost freeze in advance for the warranty and CMC period. 2) The successful supplier must ensure that all the required spares/consumables and services are available during warranty and CMC period and 2 years after that, duly backed by the principal. |
| <u>Delivery & Installation Period</u> | 1) Supplier should give free delivery at user department of KEM Hospital within 30 days or as soon as possible from the date of receipt of purchase order. 2) Installation and commissioning of equipment shall be done within 7 days from the delivery of the equipment. |

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**GENERAL
REQUIRE
MENTS:**

- 1) Price should include GST charges & any other charges (Supplier needs to submit basic cost of equipment and GST rate in prescribed format).
- 2) The above equipment shall be new and manufactured from virgin materials.
- 3) It is mandatory to provide free installation & training for use of equipment.
- 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.
- 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 spare parts / consumables will be submitted by supplier with cost freeze in advance for the warranty and CMC period
- 6) It should be European CE certified along with declaration of conformity or USFDA approved.
- 7) 3 years comprehensive warranty followed by 5 years comprehensive maintenance contract.
- 8) Demonstration of quoted model is compulsory and to be given at an end user site.
- 9) User list with address and phone number to be provided
- 10) The Successful supplier must ensure that all the required spares/consumables and services are available during warranty and CMC period.
- 11) All the requirements of this supply shall be sourced from the original equipment manufacture of the model quoted
- 12) Power supply: 230 V, 50 Hz. The main supply voltage variation may be maximum 15% and frequency variation maximum 3%.

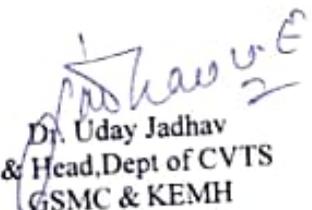
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- 13) The equipment shall have valid CE mark / US FDA approved and documentary evidence to that effect needs to be submitted.
- 14) Training to Medical Electronics Cell Engineers from servicing point of view and to user department from operating point of view is compulsory.
- 15) 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.

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

If any doubts or any query about above mentioned work, you can contact Heart transplant committee / Dept of CVTS, KEM Hospital, Parel, Mumbai - 400012.


Dr. Uday Jadhav
Prof & Head, Dept of CVTS
GSMC & KEMH

DR. UDAY JADHAV
HEAD
DEPT. OF CARDIAC
SURGERY
KEM HOSPITAL
PAREL

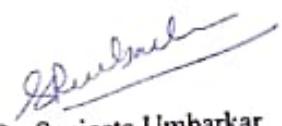

Dr. Dwarkanath Kulkarni
Prof & Head of unit, Dept
of CVTS
GSMC & KEMH

DR. DWARKANATH KULKARNI
HEAD
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Dean,
9/11/24
GSMC & KEMH

Dean, K.E.M.H. & Seth G.S.M.C.,
Parel, Mumbai - 400 012.


Dr. Ajay Mahajan
Prof & Head, Dept of Cardiology
GSMC & KEMH
Professor & Head
Department of Cardiology
SETH, GSMC & KEMH,
Parel, Mumbai - 400 012.


Dr. Sanjeeta Umbarkar
Prof & head, Dept of Cardiac Anaesthesia
GSMC & KEMH

DR. SANJEETA UMBARKAR
PROFESSOR & HEAD OF DEPT.
OF CARDIAC ANAESTHESIA
SETH G. S. MEDICAL COLLEGE &
KEM HOSPITAL MUMBAI.

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**King Edward VII Memorial Hospital,
Department of cardiovascular and Thoracic
surgery, Parel, Mumbai 400012**

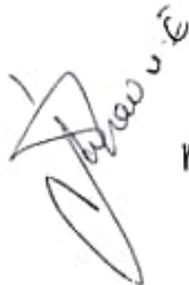
Check list of Documents to be submitted as per the order given below.

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

**Authorized Signature of the Bidder
with Official Seal & Address**

Specification for Dual Chamber External Pace Maker

- Should have Pacing Modes Primary: DDD, VVI, AAI, VDD Supplementary: DDO, VOO, AOO, DVI, DAI, VAT, AAT, DDD+AT, DAT
- Should have Automatic functions for AV-Delay, PVARP, MTR, and Sensing
- Should have Sensitivity Atrium: 0.2 - 20 mV, Ventricular: 1.0 - 20 mV
- Should have stimulation amplitude 0.1 - 18 V
- Refractory period PVARP: 100 - 500 ms
- Should have maximum tracking Rate (MTR): 80 - 230 ppm
- Should have Basic Rate 30 - 220 ppm and high pacing rate 70 - 1000 ppm
- High rate function provides rapid atrial stimulation of up to 1,000 ppm (adjustable while applying rapid atrial stimulation)
- Refractory period atrial: 250 - 400 ms
- Refractory period ventricular: 250 ms
- AV-Delay: 5 - 400 ms
- Should have a battery life of 240 hrs (9.0 V) Alkaline
- Should have visual and audible battery life indicators
- Should have minimum weight, small size, and splash protection
- Just one button push to automatically measure atrial/ventricular rates and intervals, P/R wave amplitudes and AV interval
- Should be safe against cross talk and defibrillator shocks
- Pace Maker should be compatible with any standard pacing catheter.
- Unit should have lead impedance display to check correct electrode position / disconnection quality of pacing
- Atrial trigger also in DDD mode
- Should have an emergency pacing button
- Should be supplied with 6 extension cables compatible with any standard pacing leads available in the market.
- Pace maker should have a locking mechanism to prevent the accidental change of setting
- Should be approved by USFDA and CE
- Should have service life up to 10 years
- Should have the connection facility for the heart simulator for the educational purpose/ skill lab.

A handwritten signature in black ink, appearing to be 'Anwar Ullah', written over a large, stylized circular scribble.