

Expression of Interest.

Subject- To invite Expression of Interest from Original Equipment Manufacturer /Vendor / Distributor to supply of Multiparameter Monitor With Dual IBP And ETCO2 At 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 **Multiparameter Monitor With Dual IBP And ETCO2 At 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 **21.02.2024 to 29.02.2024** in working hours and all proposals with the required documents should be submitted on or before **29.02.2024 (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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**King Edward VII Memorial Hospital,
CSR Wing, Social Service Department,
Parel, Mumbai 400012**

**Specifications For Multiparameter Monitor With Dual IBP And ETCO2
At Anesthesia Dept of KEM Hospital**

| | Description |
|-----------------------------------|---|
| Name of Equipment | Multiparameter Monitor With Dual IBP And ETCO2 At Anesthesia Dept of KEM Hospital |
| Specification of Equipment | <ol style="list-style-type: none">1. It should be Sturdy , User friendly Monitors & Suitable for patients monitoring in ICU & post operative recovery area2. It should have ≥ 12.1 inches multi color TFT display LED screen with Eight Channel digital and waveforms /traces display3. Defibrillator and Cautery protection should be provided4. Should be US FDA & CE certified from notified body5. Should work on Mains as well as battery (backup for 4 Hrs)6. Should have facility to download trend data on USB7. It should have Provision to mount on wall8. PARAMETERS FACILITY TO MONITOR AND DISPLAY:ECG, Respiration, NIBP, SpO2,Side StreamEtCO2, 2x IBP, 2xTemp,9. It should be light weight , fan less design and easy to operate.10. ECG<ol style="list-style-type: none">a. Multichannel ST segment analysisb. 3 or 5 lead with cascade waveform facilityc. Monitoring, Diagnostic & OT modes of monitoring of ECGd. Simultaneous Multi-lead ECG monitoring of 7 ECG leade. HR range 20 – 350 BPMf. Automatic arrhythmia detection & alarm for standard & lethal arrhythmiag. HR/PR source selection facilityh. ST/QT analysis with 24 types of arrhythmia detections11. PULSE OXIMETRY<ol style="list-style-type: none">a. Digital technology with perfusion indexb. Display of Plethysmograph with Pulse Strength indicator & SpO2 values & perfusion index.c. SpO2 Range-1-100 %.d. PR Range – 20 to 230 BPM12. ETCO2<ol style="list-style-type: none">a. Should beSide Stream capnography with display of EtCO2 waveform and digital values, FiCO2 & RR.b. EtCo2 Range – 0 to 99 mmHgc. Flow rate – 50/90/120 ml/min Apnea settings should be available |

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| | <p>13. NIBP</p> <ul style="list-style-type: none">a. Measurement and display of systolic, diastolic and mean pressure values of NIBP measurement, with facility to detect sudden critical change in BP which may occurs between periodic NIBP measurements.b. User selectable alarm settings,c. Mode : Manual, STAT (continuous 5 minute operation) and automatic (selectable time interval 2 – 300 minutes)d. Range 20 – 250 mmHge. Monitor should display NIBP list min 5 readingsf. It should have NIBP analysis <p>14. TEMPERATURE</p> <ul style="list-style-type: none">a. Two channels and with two units (°C and °F) selectable.b. Temp. Range- 0 -50 Deg C.c. Option for differential temperature should be provided <p>15. RESPIRATION</p> <ul style="list-style-type: none">a. RR range:1-150 bpm,b. Sourced through ECG cable or CO2. Priority to CO2.c. Apnea alarms should be provided. <p>16. TRENDS & ALARMS</p> <ul style="list-style-type: none">a. It should have 120 hours trendb. Should have multiple patient data storage facilityc. Auto-setting of alarm limits depending on present patient condition for all the parametersd. Should have Alarm recall facility for last 24 Alarm events with date, time and Message <p>17 ACCESSORIES</p> <ul style="list-style-type: none">a. 5 Lead ECG with clips -1 setb. NIBP cuffs for Adult- 1, Paediatric 1 per monitorc. sampling lines – Qty 20 should be includedd. Skin / Rectal Temperature Probes – 1 nos..e. Reusable SPO2 probes adult 1 Paediatric -1 per monitor <p>18. ENVIRONMENTAL FACTORS</p> <ul style="list-style-type: none">a.The unit shall be capable of operating continuously in ambient temperature of 10 –40 deg C and relative humidity of 15-90%b.The unit shall be capable of being stored continuously in ambientc.Temperature of 0 –50 deg Cd.Relative humidity of 15-90% <p>19. Demonstration compulsory</p> |
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1. Terms and condition

- 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.
- 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 period
- It should be CE Certified along with Declaration of conformity or US FDA approved
- Users list with address and contract numbers and past performance certificate for the quoted model should be provided.
- Demonstration of offered model is compulsory.
- All the equipment, instrument offered should be supplied by the same manufactures principal
- Power supply- 230 V \pm 15%,50 Hz \pm 3%
- Service Training to MEC Engineer and Operational training to user department should be provided.
- Operating and detail service manual with circuit diagram should be provided.
- Topicalizations:
 - Operation Temperature : 40°C
 - Storage Temperature : 60°C
 - Relative Humidity : Up to 90% non -Condensing

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General Conditions :

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| 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 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>GENERAL REQUIREMENTS:</u> | 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). 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. (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 spare parts / consumables will be submitted by supplier with cost freeze in advance for the warranty and CMC period |

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| | <p>6) Training to Medical Electronics Cell Engineers from servicing point of view and to user department from operating point of view is compulsory.</p> <p>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.</p> |
| <u>Procedure for the opening of EOI:</u> | <p>Packet-‘1’ (Administrative & Technical) will be opened in front of CSR Committee as per schedule decided by committee.</p> <p>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.</p> <p>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.</p> |
| <u>Delivery & Installation Period</u> | <p>1) Supplier should give free delivery at user department of KEM Hospital within 60 days from the date of receipt of purchase order.</p> <p>2) Installation and commissioning of equipment shall be done within 15 days from the delivery of the equipment.</p> |
| <u>Payment Conditions</u> | <p>1) 80% payment will be made after the satisfactory supply & Installation of the equipment, submission of bills and submission of all required documents as per BMC norms.</p> <p>2) The balance 20 % payment will be released after satisfactory installation commissioning of the equipment. 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).</p> |

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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.

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

Sd/- (21.02.2024)
CSR Head
GSMC & KEMH

Sd/- (21.02.2024)
HoD, Social Service Dept
GSMC & KEMH

Sd/- (21.02.2024)
HOD, Dept of Anesthesia
K.E.M. Hospital

Sd/- (21.02.2024)
Dean
GSMC & KEMH

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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 | | |