

BRIHANMUMBAI MUNICIPAL CORPORATION OF GREATER MUMBAI

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

CSR-KEMH/Sealed Tender/657

date: 21/03/2025

Procurement through Sealed Tender.

Subject- To invite Sealed Tender from Original Equipment Manufacturer /Vendor / Distributor to supply Enteroscopy System at for Gastroenterology Department 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 **Enteroscopy System to the Dept. of Gastroenterology at KEM Hospital.**

For purchase of the above equipment, it is proposed to invite "Sealed Tender" 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 **21.03.2025 to 28.03.2025** in working hours a ball proposal with the required documents should be submitted on or before **28.03.2025 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 an 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 Enteroscopy System with Video Processor
For Gastroenterology. Dept. of KEM Hospital**

	Description
Name of Equipment	Enteroscopy System to the Dept. of Gastroenterology at KEM Hospital.
Specification of Equipment	<p>A. Balloon Enterovideoscope:</p> <ul style="list-style-type: none">-Built in high resolution CCD at distal tip.-Suitable for Image Enhancement Endoscopy.-Slimmer, Lighter and possess high resolution image quality with larger image display- Fully immersible in disinfectant solution.-Close Focus technology with Super CCD resulting into HD image.-Scope should have facility to mount Double balloon to treat the entire small intestine and which can also be used in ERCP's with altered post-surgical anatomy. <p>Field of view : 140 degree or more</p> <p>Direction of view : 0 degree, forward viewing</p> <p>Depth of field : 2 to 100 mm or better</p> <p>Distal end outer diameter : 9.4 mm or less</p> <p>Insertion tube outer diameter : 9.3 mm or less</p> <p>Tip Bending rage : Up/Dn 180 deg. Lt&Rt 160 deg.</p> <p>Working length : 2000 mm or more</p> <p>Channel inner diameter : 3.2 mm or more</p>

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Control unit for Enterovideoscope:

- Equipped with a pressure control function.
- Maximum flow rate of pump-170ml+-50ml/10sec or better
- Set pressure of balloons - 5.6kpa or more

C. Over Tube (5 No):

- It facilitates reliable and smooth insertion to the deep small intestine.
- Should be silicone over tube to avoid latex allergies.
- Should have built-in balloon for reducing procedure time.
- Balloon setting tools and fixing rubber setting tools should be provided (2 Each).
- Balloon to mount on distal end should be provided (5 Nos).

D. High-Definition Gastroscope

1. Should have built in HDTV compatible CMOS Camera Chip with Close observation capacity up to 2 mm.
2. Should be equipped with auxiliary water jet function for flushing (mucosal cleaning).
3. Should have LCI (Linked Colour imaging) - Image Enhancement Endoscopy facility for localization and H Pylori infection detection.
4. Suitable for BLI/BLI-Bright real time optical chromo endoscopy system.
5. Should have Electronic Zoom function up to 1.5X.
6. In built scope identification memory chip for monitor display of scope's model no. serial no., white balancing memory, no. of connections/cumulative uses etc.
7. Fully immiscible in disinfectant solution (no need to attach water resistant cap)
8. Scope should have Contact free technology.
 - a. Power feed should be through Wireless electrical supply.
 - b. Image Transmission should be through high-speed optical fibre.
 - c. Remote Signal should be Infrared (IR) LED

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Field of view	140°
Observation range	2.0mm-100mm
Bending capability	Up 210° /Down 90° Right 100°/Left 100°
Distal end diameter	9.2 mm
Insertion tube diameter	9.3 mm
Working channel diameter	2.8 mm
Working length	1100 mm
Total length	1400 mm

E. Video Processor:

- Should be compatible with Analog, DVI-D x 2, RGB-TV x 1, S VIDEO x 1, VIDEO x 1 Mask type Full HD, SXGA output for a HDTV monitor should be available.
- Should contain the electronics to operate Multi optical zoom for clear visibility of near & far objects
- Should have LCI (Link Colour imaging) - Image Enhancement Endoscopy facility.
- Suitable for BLI & BLI Bright & FICE.
- Equipped with high resolution HDTV Imaging capacity.
- Compact, lightweight (10-15 kg) and ergonomically designed
- Recording of both still & moving images
- Equipped with one touch connection of scopes and system should have Contact free technology -
 - Power feed should be through Wireless electrical supply
 - Image Transmission should be through high-speed optical fibre
 - Remote Signal should be Infrared (IR) LED
- Should be upgradable with the EUS System.
- Portable Memory & USB Slot for image recording with 4 GB External memory USB (2GB)
- Automatic IRIS control & automatic white balance
- Electronic Zoom up to 2.0 X.

F. Light Source:

- Equipped with 3 or more Multi LED, at least 5 years life of bulb/light BLI/ BLI bright/ LCI capability.
- Compatible for waterproof one touch connector.
- Equipped with special filter for BLI/ BLI bright & LCI
- Backlit front panel indicators.
- Equipped with automatic light adjustment forced air cooling, regulated air feeding pump and fan with low noise.

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G. 26” or more HD Medical grade monitor

Should have DVI/HD inputs and view angle of 178 degree or more and brightness of 900cd/m2 and 1920 X 1080 Pixels.

H. The system has to be supplied with following accessories.

-Trolley - 1 No.

-HD recording Software with Computer, Printer - 1 No.

-Leakage Tester - 1 No.

1. General requirement -

- 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 certificate by European notified body under MDD along with Declaration of Conformity or US FDA approval
- In case of CE (other/ general) following documents are required to be enclosed.
- Declaration of Conformity by manufacturer or EU reprehensive of Manufacturer for the quoted model.
- Documentary evidence regarding firm registered with EEA (European Economic Area) Competent authority is required.
- **Or** European Representative registered with EEA (European Economic area) Competent authority appointed by firm is required.
- **Or** Other documents like certificates from notified body along with declaration of conformity is required.

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	<ul style="list-style-type: none">• 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± 10%,10.50 Hz ±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:

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> <ol style="list-style-type: none">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 submitting 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 REQUIRE</u>	<ol style="list-style-type: none">1) All items Price should include GST charges & any other charges. (Supplier needs to submit basic cost of equipment and GST rate in

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<p><u>MENTS:</u></p>	<p>prescribed format).</p> <ol style="list-style-type: none">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 sub mitted 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.
<p><u>Procedure for the opening of SEALED TENDER:</u></p>	<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</p>

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	be entertained.
<u>Delivery & Installation Period</u>	<ol style="list-style-type: none">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>	<ol style="list-style-type: none">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.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).
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 submitting documents mention in check 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 Gastroenterology at KEM Hospital., KEM Hospital, Parel, Mumbai - 400012.

**Sd/-
Head - CSR
GSMC & KEMH**

**Sd/-
HoD, Social Service Dept
GSMC & KEMH**

**Sd/-
HOD, Dept. of Gastroenterology
GSMC & KEMH**

**Sd/-
Administrative Executive Officer
GSMC & KEMH**

**SD/-
Dy. Dean
GSMC & KEMH**

**SD/-
Dean
GSMC & KEMH**

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Check list of Documents to be submit with SEALED TENDER form as per the order given below.

Sr No	Administrative Documents	Sr. No.	Technical Documents
1	SEALED TENDER Form	1	Technical Offer
2	Tri party agreement	2	List of Consumables Applicable in) (Warrenty & CMC Period
3	SEALED TENDER Form Fee Receipt	3	Comparison of SEALED TENDER 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 SEALED TENDER 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		