

BRIHANMUMBAI MUNICIPAL CORPORATION

CENTRAL PURCHASE DEPARTMENT

Sub: Minutes of Pre-bid meeting held 14.07.2025 at 3.00 p.m. for Supply, Installation, Testing and Commissioning of **various Medical Equipment** along with standard accessories and 3 years warranty and 7 years CMC for use of various dept of various Hospitals.

Ref: 1. Supply, Installation, Testing and Commissioning of Surgical Operating Ophthalmic Microscope (04 Nos.) along with Standard Accessories with 3 years Warranty and 7 years CMC for Ophthalmology department of various BMC Hospitals.

[Mahatender ID : **2025_MCGM_1195725_1**]

2. Supply, Installation, Testing and Commissioning of Electrohydraulic OT Table (27 Nos.) with Standard Accessories with 3 years warranty and 7 years CMC for various BMC Maternity Homes and hospitals. [Mahatender ID : **2025_MCGM_1195732_1**]

3. Supply, Installation, Testing and Commissioning of Advanced 4D (Live 3D) Echocardiography and Colour Doppler System (04 Nos.) along with Standard Accessories with 3 years Warranty and 7 years CMC for Cardiology department of various BMC Hospital. Mahatender ID : **2025_MCGM_1195740_1**

Pre-bid meeting was arranged on **14.07.2025 at 3.00 p.m.** under the Chairmanship of Hon. A.M.C. (W.S.) to discuss & finalize the terms and conditions for for Supply, Installation, Testing and Commissioning of **various Medical Equipment** along with standard accessories and 3 years warranty and 7 years CMC for use of various dept of various Hospitals through Mahatender portal.

Following officers of BMC and company representatives were present. However, Hon. AMC(W.S.) and DMC(PH) were pre-occupied in other meeting, the same was conveyed by DMC(CPD).

BMC Officers:-			
Sr. No.	Name	Designation	Hospital/Department
1	Smt. Sandhya Nandedkar	DMC	CPD
2	Dr. Neelam Andrade	Director (ME&MH)	Dean Nair Hospital Dental College
3	Dr. Mohan Joshi	Dean	LTMG
4	Dr. Shailendra Mohite	Dean	BYL Nair
5	Shri. Ajay V. Patil	Dy.C.E.(M&E)	CPD

	6	Dr. A.U.Mahajan	Hod & Prof. (Cardio)	KEM Hospital
	7	Dr. Girish Sabnis	Additional Prof. (Cardio)	KEM Hospital
	8	Dr. Sanjeeta Umbarkar	Hod & Prof. (Cardiac Anesthesia)	KEM Hospital
	9	Dr. Uday Jadhav	Hod & Prof. (Cardio)	KEM Hospital
	10	Dr. Siddhant Yadav	Assistant Prof. (Cardio)	LTMG Hospital
	11	Dr. Khawar Nissar	S. S. MO (Cardio)	HBTMC & Dr. R.N. Cooper Hospital
	12	Dr. Chhaya Shinde	Hod & Prof. (Ophthal)	LTMG Hospital
	13	Dr.Avinash Ingole	Hod & Prof. (Ophthal)	KEM Hospital
	14	Dr. Charuta Mandke	Hod & Prof. (Ophthal)	HBTMC & Dr. R.N. Cooper Hospital
	15	Dr. Nayana Potdar	Hod & Prof. (Ophthal)	BYL Nair Hospital
	16	Varsha Rokade	CMO	EYE Hospital
1.	17	Dr. Alka Gupta	Hod & Prof. (ObGy)	HBTMC & Dr. R.N. Cooper Hospital
2.	18	Dr. Arundhati Tilve	Assistant Prof. (ObGy)	BYL Nair Hospital
	19	Dr. Hemangi Kansaria	Prof. (ObGy)	KEM Hospital
3.	20	Dr. Rahul Mayekar	Prof. (ObGy)	HBTMC & Dr. R.N. Cooper Hospital
4.	21	Dr. Asmita Patil	Prof. (ObGy)	HBTMC & Dr. R.N. Cooper Hospital
5.	22	Shri. B. R. Kumbhar	Exe. Eng. (M&E)	MEC
6.	23	Shri. Umesh Shetty	Account officer	Nair Hospital

Company representatives:-

Sr. No.	Name	Name of Company	E-mail ID	Mobile no.
A)	Surgical Operating Ophthalmic Microscope:-			
1.	Mr. Amit Jha	M/s Carl Zeiss	Amit.jha@zeiss.com	7718819868
2.	Mr. Kaluram Chuadhari	M/s Biomedix	Kaluramch001@gmail.com	9892706789
B)	Electrohydraulic OT Table:-			
1.	Mrs. Madhura Shingnapurkar	M/s. Sun Electro Medical Devices	sunelectromedicaldevices@gmail.com	9323046164
2.	Mr. Urvish Shah	M/s Crown Surgical	Shah.urvish@rediffmail.com	9820280930

3.	Mr. Sital Shah	M/s PEI& C	Sital_shah@yahoo.com	9820033597
4.	Mr. Khushalani	M/s. Perdure		9223440005
C) Advanced 4D (Live 3D) Echocardiography and Colour Doppler System:-				
1.	Mr. Nilesh Dodani	M/s. Philips India	Nilesh.dodani@philips.com	9920935797
2.	Mr. Pranav Khamar	M/s. WiproGE	Parnav.khamkar@gehealthcare.com	9687626467

The suggestions from bidder on point to point technical specifications were discussed. After pre-bid meeting, concerned HOD has made following changes

A) Surgical Operating Ophthalmic Microscope:-			
Suggestion / objections received from M/s Carl Zeiss:-			
T.S. No.	Specification of BMC	Suggestion of Bidder / Opinion of HOD	Decision taken
2	Should have highest stereo base of 24 mm or above	Should have highest stereo base of 22 mm or above	Should have highest stereo base of 22 mm or above
3	Should have motorized zoom 1:6 with a range from 3.9 x to 23 or more with F= 175mm & 10 x eyepiece	Should have motorized zoom 1:6 with a range from 3.4 x to 20.4 or more with F= 200 mm & 10 x eyepiece & Tilttable binocular Tube with integrated Image Inverter	Should have motorized zoom 1:6 with a range from 3.9 x to 23 with F= 175mm & 10 x eyepiece or 3.4 X 20.4 with F=200 mm & 10 x eyepiece
4	Should have a motorized focus max 50 mm or more	Should have a motorized focus max 60 mm or more	No Change
6	Should have Blue filter to IR filter	Should have Blue blocking filter, Retina protection device & other filter useful for Cataract & Retina Surgery	Should have Blue blocking filter & filter for green laser
7	Should have XY coupling with 50 mm x 50 mm or more	Should have XY coupling with 60 mm x 60 mm or more	No Change
8	Built in Assistant Scope with Inclinable Binoculars and independent magnification changer. Both surgeon and Assistant should independently get 100% Illumination	Built in Assistant Scope with Inclinable Binoculars and independent continuous magnification & independent focusing unit. Both surgeon and Assistant should independently get 100% Illumination	No Change

10	Should have microscope display with HD screen & HD camera/medical grade monitor from a reputed manufacturer.	Should have microscope display with HD screen & HD camera/medical grade monitor from a reputed manufacturer. HD Camera should be fully Integrated in the Microscope body, (without any external attachment on a external beam splitter etc.)	Should have microscope display with HD screen & Integrated or External HD camera/medical grade monitor from a reputed manufacturer.
12	Fundus Observation Module for retinal surgery should be available with inbuilt inverter & wide-angle lens.	Fundus Observation Module for retinal surgery should be available with wide-angle lens.	Fundus Observation Module for retinal surgery should be available with inbuilt or external inverter & wide-angle lens.
14	21.5”inch/ Intuitive GUI/more multi touch screen TFT display	Intuitive GUI/more multi touch screen TFT display	21.5”inch or more multi touch screen TFT display
20	Trigerring of image recording should be via touch screen and via microscope with foot switch & should be possible to have individual user configurations.	Triggering of image recording should be via touch screen and via microscope with foot switch & Handgrip also. should be possible to have individual user configurations.	No Change
	Eligibility Criteria	Allow Authorised local Dealer/ Distributor/Vendor to Bid the tender with an Authorisation from the 100% subsidiary of the OEM company.	Tender condition prevails
Additional points considered by HoD			
5.	Should have a working distance of 175 mm or more		Should have a working distance of 175 mm or 200mm
B)	Electrohydraulic OT Table:-		
Suggestion / objections received from M/s Sun Electro Medical Devices:-			
T.S. No.	Specification of BMC	Suggestion of Bidder / Opinion of HOD	Decision taken
1	Electrohydraulic operation Table made of surgical grade stainless steel base column and body with five powered functions that include	Kindly mention that it should be radiolucent table	Electrohydraulic operation Table made of surgical grade stainless steel base column and body with radiolucent OT table top

	a. floor locking b. height adjustment c. lateral tilt d. Trendelenburg e. slide	Kindly include for Back rest up & Down and reverse trendelenburg	with five powered functions that include a. floor locking Central b. height adjustment c. lateral tilt d. Trendelenburg and Reverse Trendelenburg e. slide
3	The Table should have two sources for Table positioning commands i.e. Remote device control, Manual Over-ride control panel.	Remote control and auxillary control on column / base of the table	The Table should have two sources for Table positioning commands i.e. Remote device control (wired), Manual Over-ride control panel and auxillary unit on OT table (Base of Stem)
4	It should have built-in battery with a capacity of up to 300 movements.	It should have built in Battery with a capacity of upto 300 movements/50-60 surgeries/ 1 week	It should have built-in battery with a capacity of up to 300 movements with suitable battery indicator or 5 hrs backup
5	The Table should have the following range of movement a. Height: 700mm to 1000mm(adjustable between)	Height- 500mm to 1000mm(Adjustable between)	The Table should have the following range of movement a. Height: Min 500 – 700mm (Upper 1000mm or more) ±5% range
	d. The Table should slide at least 200mm in head direction and 100mm in leg direction	The table should slide min 300 mm bidirectional / uni directional	d. The Table should slide at least 150mm bidirectional.
6	The Table should have a removable visco-elastic multilayer component foam width of minimum 50cms and with a thickness of approx. 50mm, sealed against fluids.	The Table should have a removable visco-elastic multilayer component foam width of minimum 50cms and with a thickness of approx. 75mm, with ultrasonically sealed which will help to fluid ingress	No Change

7	The maximum patient weight capacity of the table should be 150kgs in the normal position.	The maximum patient weight capacity of the table should be 350kgs in the normal position.	The patient weight capacity of the table should be minimum 150kgs or more in the normal position.
9.	The following adjustment must be Electro-hydraulically operated via corded hand control:		
	i) Height up/down (without padding)- 700mm - 1000mm	Height- 500mm to 1000mm(Adjustable between)	i) Height: Min 500 – 700mm (Upper 1000mm or more) ±5% range
	viii) Patient Orientation on both sides of the tabletop	patient orientation - Should be done by interchanging the head plate & Leg plate	Deleted
	ix) Head tilt, adjustable angle	Head plate tilt can be adjusted manually	ix) Head tilt, adjustable angle manual
10	The following standard accessories should be supplied along with the table as mandatory:		
	1) Arm board with pad and clamp-2 nos.	We would like to add Lithotomy leg attachment - heavy type - 1 Pair , Should support 1 pair Lateral support - 1 pair	No Change
	4) Head ring (1 paediatric, 1 adult)- 3 nos.	Kindly check whether head ring Adult Paed is required ?	4) Gel Pad (1 paediatric, 2 adult)- 3 nos.
Suggestion / objections received from M/s Staas Bio Med Engineering Pvt. Ltd.:-			
1.	Electrohydraulic Operation Table made of surgical grade stainless steel base column and body with five powered functions that include. a. floor locking d. Trendelenburg and b. height adjustment c. lateral tilt e. slide	Electrohydraulic Operation Table made of surgical grade stainless steel base column and body with five powered functions that include. a. floor locking d. Trendelenburg and b. height adjustment c. lateral tilt e. slide f. back	Electrohydraulic operation Table made of surgical grade stainless steel base column and body with radiolucent OT table top with five powered functions that include a. floor locking Central b. height adjustment c. lateral tilt d. Trendelenburg and Reverse Trendelenburg

			e. slide
4	It should have built-in battery with a capacity of up to 300 movements.	It should have built-in battery with a capacity of up to 300 movements. It should have an internal charging circuit, which should have an indication for no charge, charging and full charge with battery status indications. Battery indications should be available in both handset and the override panel.	It should have built-in battery with a capacity of up to 300 movements with suitable battery indicator or 5hrs backup
5	a. Height: 700mm to 1000mm (adjustable between)	a. Height: 580mm to 1050mm (adjustable between)	a. Height: Min 500 – 700mm (Upper 1000mm or more) ±5% range
	d. The Table should slide at least 200mm in head direction and 100mm in leg direction	d. The Table should slide at least 400mm in head and leg side	No Change
7	The maximum patient weight capacity of the table should be 150kgs in the normal position.	The maximum patient weight capacity of the table should be 380kgs in the normal position.	The patient weight capacity of the table should be minimum 150kgs or more in the normal position.
9	The following adjustment must be Electro-hydraulically operated via corded hand control:		
	i) Height up/down (without padding)- 700mm - 1000mm	Height- 580mm to 1050mm (Adjustable between)	i) Height: Min 500 – 700mm (Upper 1000mm or more) ±5% range
	vi) ‘O’ position (cancellation of Trendenburg)	‘O’ position (cancellation of Trendenburg, lateral & back)	No change
	ix) Head tilt, adjustable angle	Head tilt, adjusted angle (gas spring assisted)	ix) Head tilt, adjustable angle manual
	Add Para		
1.		The table should have a safety feature to prevent it from unlocking when the power chord is connected to the mains	Not considered
2.		The table should have a	Not considered

		powered braking system that allows it to rest directly on the floor through four posts instead of locking wheels.	
3.		Should have individual function locking feature in remote and panel remote for safe handling	Not considered
4.		The electrical override panel should have a dual-touch feature to avoid accidental touch	Not considered
Additional points considered by HoD			
8.	Patient orientation should be possible on both sides of the Tabletop i.e. Normal and Reverse positioning of the patient and also lateral positioning (e.g. nephrotomy position) suitable for iliac crest grafting.		Patient orientation should be possible on both sides of the Tabletop i.e. Normal and Reverse positioning of the patient and also lateral positioning (e.g. nephrotomy position) suitable for iliac crest grafting. Kidney bridge of 100mm-150mm to be provided
9.	The following adjustment must be Electro-hydraulically operated via corded hand control:		
	v) Back/Seat section (Up/Down)		±50%
	vii) Base locking of the Table		vii) Base locking of the Table - Central
10	The following standard accessories should be supplied along with the table as mandatory:		The following standard accessories should be supplied along with the table as mandatory:
	4) Head ring (1 pediatric, 1 adult)-3 nos.		4) Gel Pad (1 pediatric, 2 adult)-3 nos.
	Additional		6) Lithotomy fixation clamp with radial fixation & lithotomy stirrups with crutch with height adjustment, crutch – on Base socket joint (For

			rotation)
	Additional		7) Extra Clamps (1 pair)
	Additional		8) PT climbing 2 step and step stool
			9) Height adjustable armless doctor rotating cushion chair.
C)	Advanced 4D (live 3D) Echocardiography and Color Doppler System		
Suggestion / objections received from M/s Wipro GE Healthcare Pvt. Ltd.:-			
T.S. No.	Specification of BMC	Suggestion of Bidder / Opinion of HOD	Decision taken
20	1. Smallest 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 2000 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 pure wave technology for excellent Image quality on difficult to image patient. Please mention the crystal technology used in the transducer. Systems offered with normal transducers for adult echo are liable for rejection	Smallest, Latest Wider Apex 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 2000 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 pure wave technology for excellent Image quality on difficult to image patient. Please mention the crystal technology used in the transducer. Systems offered with normal transducers for adult echo are liable for rejection	Smallest, Latest Wider Apex 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 2000 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 pure wave technology for excellent Image quality on difficult to image patient. Please mention the crystal technology used in the transducer. Systems offered with normal transducers for adult echo are liable for rejection
	3. 3-8 MHz Broadband pediatric 2D echo transducer for pediatric and small adult cardiology imaging.	3-8 MHz Broadband pediatric 2D echo transducer for pediatric and small adult cardiology imaging with 115 Degree field of view.	No Change
	6. 2D multiplane Transesophagel Echocardiography (TEE)	2D Biplane/multiplane Transesophagel Echocardiography (TEE)	2D multiplane Transesophagel Echocardiography

	transducer for pediatric use with frequency ranging from 2-7 MHz	transducer for pediatric use with frequency ranging from 2-7 +2 MHz for patient .	(TEE) transducer for pediatric use with frequency ranging from 2-7 MHz
	Request to Add this feature in Existing Specification		
		3D/4D Marker for better structural orientation	Not Considered
		Transparency Setting to better show 4D/Realtime 3D Color	Not Considered
		Automated View Recognition/ Smart Selection of view for AI based View selection	Not Considered
	SECTION 5: IMPORTANT GENERAL CONDITIONS AND INSTRUCTIONS TO THE TENDERER		
29	The Three Packet system		
	C) Packet – 'C' (Commercial Bid)		
	In case of import supply, rates shall be quoted in Foreign Currency only and payment shall be made by opening Letter of Credit (L.C.) in the name of Principle Manufacturer (L.C. is to be opened by BMC).	The L.C to be opened in NAME of Principal Manufacturer / Their associates/affiliates/financial arm as per Payment conditions in case of Imported Items	Tender condition prevails
32	Consumables /Accessories / Instruments:		
	The rate quoted for consumables shall be freezed for 10 years and cost of one consumable each shall be considered for evaluation and BMC is not binding to accept the rates quoted for consumable. Apart from mentioned consumables cost of no other consumables will be paid by BMC and same shall be covered under warranty and CMC.	We kindly request to delete freezed for 10 years	Tender condition prevails
	SECTION 7: GENERAL CONDITIONS OF CONTRACT		
10	Letter of Credit (L.C.)		

	Condition:-		
	ii) Partial shipment will not be allowed. If it is to be allowed, all the charges including clearing, custom duty, GST etc. should be borne by bidder.	Request to Allow Partial Shipment	Tender condition prevails
11	Following documents are required at the time of shipment of consignment in case of supply of indigenous as well as imported equipment and same shall be mentioned in the L.C.:-		
	vi) Insurance Certificate:- It shall be issued by the Insurance company and shall contain name, model, serial nos. of equipment being supplied. Also it shall contain the mode of transport, location from manufacturers site i.e. from factory warehouse to warehouse of user department / port of destination i.e. Mumbai and period of insurance.	We kindly request to amend Insurance Certificate / Copy of Insurance Policy certificate. As a company we have standard Insurance Policy Certificates which will cover our entire range of Medical Equipment	Tender condition prevails
14	Delivery, Installation & Commissioning:-		
	The tenderer should give free delivery, at BMC Hospital, within 90 days from the date of placing of purchase order. In case of import purchase, delivery of Equipment to concerned hospitals must be made within 90 days from the opening of Letter of Credit by coordinating with clearing agent appointed by BMC	We request to amend the Delivery period to 90 days from the date of opening of Letter of Credit, PNDT Certificate Power and Site readiness, which ever is later.	Tender condition prevails
5	Signing & Execution of Contract:		
	iv) Contractor shall pay contract deposit / performance security, legal & stationary charges, stamp duty etc. and	We kindly request you to delete Penalty	Tender condition prevails

	submit signed contract documents within 30 days from the date of issue of Letter of Acceptance and thereafter a fine of Rs. 5000/- per day will be imposed up to maximum 07 days delay		
	v) If the contractor fails to pay / submit contract deposit / performance security, legal & stationery charges, stamp duty etc. and signed contract documents within the above stipulated time (i.e. 37 days including penalty period of 07 days, the above mentioned fine plus entire EMD amount will be forfeited and the tender / contract already accepted shall be considered as cancelled.	We kindly request you to delete Penalty	Tender condition prevails
25	Guarantee and repair during the guarantee period		
	During the entire period of guarantee the Tenderer shall replace the equipment and or part of the equipment entirely on its break down / non functional, which shall be at the cost of the Tenderer and includes the labour charges, transport charges and etc. shall also be borne by the Tenderer. The tenderer should assure an up-time guarantee of at least 96% (calculated on the basis of 24 hours a day and seven days a week).	During the entire period of guarantee the Tenderer shall replace the equipment and or part of the equipment entirely on its break down / non functional, which shall be at the cost of the Tenderer and includes the labour charges, transport charges and etc. shall also be borne by the Tenderer. The tenderer should assure an up-time guarantee of at least 96% (calculated on the basis of 24 hours a day and seven days a week excluding public holidays).	Tender condition prevails
	If this is not done, a penalty @ 1% per day of Contract Cost of equipment will be imposed on the tenderer and same will be recovered from Contract Deposit or payment due if any	We kindly request you to delete "If this is not done, a penalty @ 1% per day of Contract Cost of equipment will be imposed on the tenderer and same will be recovered from Contract Deposit or payment due if any".	Tender condition prevails

		Hence we kindly request you to replace the terms of Warranty extension by double the downtime. or alternatively the penalty should be 0.1% per week and maximum penalty should be 1% of the contract Deposit and not Purchase Order value.	
26	Maintenance contract (As Applicable)		
A.	Service and annual main-tenance contract:		
	a) The tenderer should assure an up-time guarantee of at least 96% (calculated on the basis of 24 hours a day and seven days a week). During AMC period, the Service Engineers will have to make 04(four) compulsory Quarterly visits per year for preventive maintenance while breakdown calls (unlimited) will be attended within 72 hours (3 days) from the date & time of lodging of complaint with the Service Engineer through phone / fax/person/post/courier/e-mail. A service call shall be attended even on Sundays and Public Holidays. The complaint / message will be sent to the address given in this contract as well as in supply order	The tenderer should assure an up-time guarantee of at least 96% (calculated on the basis of 24 hours a day and seven days a week excluding public holidays). During AMC period, the Service Engineers will have to make 04(four) compulsory Quarterly visits per year for preventive maintenance while breakdown calls (unlimited) will be attended within 72 hours (3 days) from the date & time of lodging of complaint with the Service Engineer through phone / fax/person/post/courier/e-mail. A service call shall be attended even on Sundays and Public Holidays. The complaint /message will be sent to the	Tender condition prevails
	b) If it is not rectified within 120 hours (5 days) i.e. stipulated time by the Service engineer at our site, deduction will be made @ double the prorata basis AMC charges per day from the bill after allowing stipulated period of 120 hours i.e. 5 days.	Request to deletion of this Clause. This term is may not be applicable for AMC. The Rectification depends on the Parts failure and Parts are to be procured from Hospital during AMC. Any delay in giving the purchase order for spares is not	Tender condition prevails

		applicable to Vendor.	
	<p>d) If the problems are required to be rectified at Service Centre site /workshop / premises, additional 7 days period will be allowed i.e. total 10 days from the day of initial breakdown report. Normal AMC charges for additional 7 days period will be deducted from the bill of AMC on prorata basis. If the equipment is not made available in all respect after rectification from the Service Centre site/ premises within 10 days, there will be a provision to deduct @ double the AMC charges/ day on prorata basis from the bills for delayed period.</p>	<p>Request to deletion of this Clause.</p> <p>This term is may not be applicable for AMC.</p> <p>The Rectification depends on the Parts failure and Parts are to be procured from Hospital during AMC.</p> <p>Any delay in giving the purchase order for spares is not applicable to Vendor.</p>	Tender condition prevails
	or		
	B. Service and comprehensive maintenance contract:		
	<p>a) The tenderer should assure an up-time guarantee of at least 96% (calculated on the basis of 24 hours a day and seven days a week). During CMC period, the Manufacturer's Service Engineers will have to make 04(four) compulsory Quarterly visits per year for preventive maintenance while breakdown calls (unlimited) will be attended within 72 hours (3 days) from the date & time of lodging of complaint with the Service Centre through phone / fax/person/post/courier/e-mail. A service call shall be attended even on Sundays and Public Holidays. The complaint /mes-</p>	<p>a) The tenderer should assure an up-time guarantee of at least 96% (calculated on the basis of 24 hours a day and seven days a week excluding public holidays). During CMC period, the Manufacturer's Service Engineers will have to make 04(four) compulsory Quarterly visits per year for preventive maintenance while breakdown calls (unlimited) will be attended within 72 hours (3 days) from the date & time of lodging of complaint with the Service Centre through phone / fax/person/post/courier/e-mail. A service call shall be attended even on Sundays and Public Holidays. The complaint /message will be sent to the address given in this contract as well as in supply order</p>	Tender condition prevails

	sage will be sent to the address given in this contract as well as in supply order		
	c) If it is not rectified within 120 hours (5 days) i.e. stipulated time by the Service Engineer at our site, deduction will be made @ double the prorata basis CMC charges per day from the bill after allowing stipulated period of 120 hours i.e. 5 days.	We kindly request you to delete the monetary penalty "deduction will be made @ double the prorata basis CMC charges per day from the bill after allowing stipulated period of 120 hours i.e. 5 days". We request to accept the Penalty in terms of Warranty Extension by double for each down time.	Tender condition prevails
	d) If the problems are required to be rectified at Service Centre site / workshop / premises, additional 7 days period will be allowed i.e. total 10 days from the day of initial breakdown report. Normal CMC charges for additional 7 days period will be deducted from the bill of CMC on prorata basis. If the equipment is not made available in all respect after rectification from the Service Centre site/ premises within 10 days, there will be a provision to deduct @ double the CMC charges/ day on prorata basis from the bills for delayed period.	We kindly request you to delete the monetary penalty " Normal CMC charges for additional 7 days period will be deducted from the bill of CMC on prorata basis. If the equipment is not made available in all respect after rectification from the Service Centre site/ premises within 10 days, there will be a provision to deduct @ double the CMC charges/ day on prorata basis from the bills for delayed period". We request to accept the Penalty in terms of Warranty Extension by double for each down time.	Tender condition prevails
	TRI PARTY AGREEMENT		
	Purchaser will be given 5% bank guarantee by the Manufacturer/ Distributor /Dealer / Importer /Traders/agent for foreign Manufacturer towards the performance of the supplied equipment for the product life cycle (3yrs warranty plus 7 years CMC/ AMC) (10 years).- Page no.79	We kindly request you to accept separate bank guarantee for CMC period after 3 years warranty period. The Security deposit during the CMC period should be 5% of the CMC contract and not the equipment Contract value	Tender condition prevails
	EMD : Rs.12,22,000/-	We kindly request to accept EMD of Rs.12,22,000/- in the	Tender condition prevails

		form of Bank Guarantee.	
Suggestion / objections received from M/s. Philips India Limited:-			
2	System must be offered with a minimum of 400,000 digital processed channels.	System must be offered with a minimum of 70,00,000 digital processed channels.	No Change
4	System must be offered with a minimum 22-inch high resolution medical grade flat panel monitor with nearly infinite position adjustments. Company should provide wider monitor if available.	System must be offered with a minimum 21.5-inch high resolution medical grade flat panel monitor with nearly infinite position adjustments. Company should provide wider monitor if available	System must be offered with a minimum 21 -inch high resolution medical grade flat panel monitor with nearly infinite position adjustments. Company should provide wider monitor if available.
7	System should support board band probes spanning a frequency of 1-15 MHz	System should support board band probes spanning a frequency of 1-26 MHz	No Change
18	c. Single beat full volume, LA Auto volume 3D)/LV Auto EF(3D) and RV EF	Single beat full volume, LA Auto Volume (3D) at same time, 3D Auto EF.	No Change
20	6. 2D multiplane Transesophageal Echocardiography (TEE) transducer for pediatric use with frequency ranging from 2-7 MHz.	2D Transesophageal Echocardiography (TEE) transducer for pediatric use with frequency ranging from 2-7 MHz	6. 2D Transesophageal Echocardiography (TEE) transducer for pediatric use with frequency ranging from 2-7 MHz
	Add this point		
1		3D/4D Echo matrix transducer for Pediatric with frequency ranging from 2-7 (+1 MHz). This probe must have minimum of 2000 elements for exceptional 3D /4D 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 pure wave technology for excellent Image quality on difficult to image patient.	Not Considered

		Please mention the crystal technology used in the transducer. Systems offered with normal transducers for pediatric echo are liable for rejection.	
2		Integrated physical keyboard for adding patient details and annotations shall be present.	Not Considered
3		System must have an option of AI based automated wall motion scoring.	Not Considered
4		System shall have facility for 3D color flow rendering and 3D photorealistic imaging with virtual light source option.	Not Considered
	SECTION 7: GENERAL CONDITIONS OF CONTRACT		
3.	Contract Deposit / Performance Security		
	<p>vi) The B.G. valid for the entire contract period including AMC/CMC period (minimum ten and half years period) shall be submitted. However, the Contractor is allowed to submit B.G. valid for the period of three years initially (during warranty period) and thereafter it shall be renewed (maximum two times) for further period of not less than three years at a time during AMC / CMC period and maintain the requisite contract deposit / Performance Security for entire contract period including AMC/CMC</p>	<p>We request to accept the BG for the equipment and the CMC separately.</p> <p>Contract for the equipment and CMC are issued separately and the value for the same is also different. Hence we request to accept the PBG for initial 3 years of warranty at 5% of the order value. Thereafter, the PBG during the course of CMC shall be 5% of the contract value.</p>	Tender condition prevails

	period.		
11	<p>Following documents are required at the time of shipment of consignment in case of supply of indigenous as well as imported equipment and same shall be mentioned in the L.C.: -</p> <p>Third party inspector/Firm shall verify following:</p> <p>The equipment is new and made of virgin material; it is not reconditioned /retrofitted</p>	<p>As per our experience, no inspection authority is ready to mention regarding the material to be virgin. Here what they say is that it is not possible for us to test and confirm that the material used in the equipment is virgin in nature. What can be mentioned is that the equipment is new and not reconditioned /retrofitted.</p> <p>We request to accept this in the 3rd party inspection report.</p> <p>Further in case you are allowing INR bidding by the distributor, we request also to allow this third-party inspection to be done at OEM / bidders' warehouse.</p>	Tender condition prevails
26	<p>B. Service and comprehensive maintenance contract:</p> <p>The successful tenderer shall have to enter into comprehensive Maintenance contract for at least seven years after the completion of warrantee period of 36 months at the rate of 5% of equipment cost per year, rate will be fixed for 7 years.</p>	<p>Service and comprehensive maintenance contract:</p> <p>The successful tenderer shall have to enter into comprehensive Maintenance contract for at least seven years after the completion of warranty period of 36 months at the rate of 5% of equipment cost per year, with escalation of 5% per year.</p>	Tender condition prevails
27	Payment condition:		
	<p>In case of imported medical equipment:</p> <p>The balance 20% payment will be released within 30 days after satisfactory installation commissioning of the equipment. The Performance Certificate of equipment shall</p>	<p>We propose that tenders may kindly include the option of 100% payment against delivery, secured through an irrevocable Letter of Credit (LC). A performance bank guarantee (PBG) of up to 20% of the purchase order value may be linked to this arrangement for</p>	Tender condition prevails

	<p>be issued by competent authority/ Concerned HOD of respective hospital. Also, user department shall obtain satisfactory inspection report from EE (MEC).</p>	<p>performance assurance.</p>	
	<p>Inclusion of Standard Clauses Regarding Country of Origin and Procurement Policy Compliance</p>	<p>We request that the following standard clauses be incorporated, as commonly adopted in tenders issued by various state and central government bodies and as per guidelines on the GeM portal:</p> <p>1."Products/equipment manufactured in countries sharing a land border with India shall not be eligible to participate in this tender."</p> <p>2. "The bidder shall comply with the provisions of the 'Public Procurement (Preference to Make in India), Order 2017' as amended from time to time by the Department for Promotion of Industry and Internal Trade (DPIIT), and the 'Public Procurement Policy for Micro and Small Enterprises (MSE), Order 2012', as amended from time to time by the Ministry of MSME."</p>	<p>Tender condition prevails</p>
	<p>Proposal for Alternative Participation Model via Authorized Channel Partner</p>	<p>To enable smoother participation and execution, we request provision for an authorized channel partner to participate in the tender with INR payment terms. This would be supported by a triparty agreement between the Channel Partner,</p>	<p>Tender condition prevails</p>

		<p>MCGM, and OEM.</p> <p>Additionally, we propose allowing third-party inspection at the OEM warehouse to verify the authenticity and readiness of the equipment prior to dispatch.</p>	
Suggestion / objections received from M/s Care Mediquip:-			
20.	<p>1. Smallest 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 2000 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 pure wave technology for excellent Image quality on difficult to image patient. Please mention the crystal technology used in the transducer. systems offered with normal transducers for adult echo are liable for rejection</p>	<p>Smallest Latest Wider Apex 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 2000 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 pure wave technology for excellent Image quality on difficult to image patient. Please mention the crystal technology used in the transducer. Systems offered with normal transducers for adult echo are liable for rejection</p>	<p>Smallest Latest Wider Apex 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 2000 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 pure wave technology for excellent Image quality on difficult to image patient. Please mention the crystal technology used in the transducer. Systems offered with normal transducers for adult echo are liable for rejection</p>
	<p>3. 3-8 MHz Broadband pediatric 2D echo transducer for pediatric and small adult cardiology imaging.</p>	<p>3-8 MHz Broadband pediatric 2D echo transducer for pediatric and small adult cardiology imaging with 115 Degree field of view.</p>	<p>No Change</p>
	<p>6. 2D multiplane Transesophageal Echocardiography (TEE) transducer for pediatric use with frequency ranging from 2-7 MHz.</p>	<p>2D Biplane/multiplane Transesophageal Echocardiography (TEE) transducer for pediatric use with frequency ranging from 2-7 +2 MHz for patient .</p> <p>Or</p> <p>4D Pediatric TEE with 3-8 Mhz</p>	<p>6. 2D Transesophageal Echocardiography (TEE) transducer for pediatric use with frequency ranging from 2-7 MHz.</p>

		+ - 2 Mhz	
19	f. Latest PC to be supply – 1 no. (off-cart workstation) with permanent license software for analyzing and quantification of 2D and 3D data sets like Strain and Strain rate imaging, Tissue Motion Annular Displacement, Mitral valve 3D data sets, 2D Speckel tracking. PC should be offered with a flat panel 15” display monitor. (hardware essential for OFF cart quantification)	Latest PC to be supply – 1 no. (off-cart workstation) with permanent license software for analyzing and quantification of 2D and 3D data sets like Strain and Strain rate imaging, Tissue Motion Annular Displacement, Mitral valve 3D data sets, 2D Speckel tracking. PC should be offered with a flat panel 15” display monitor. (hardware essential for OFF cart quantification), it should be offered with Aortic Quantification, 3D marker if available with the vendor. Should have 5TB Hard Disk.	No Change
		Request to Add this feature in Existing Specification	
1		3D/4D Marker for better structural orientation	Not considered
2		Transparency Setting to better show 4D/Realtime 3D Color.	Not considered
3		Automated View Recognition/ Smart Selection of view for AI based View selection	Not considered
Additional points considered by HoD			
1.	The system must be latest generation, highest & technologically advanced digital 4D (Live 3D) echocardiography system. Quote only one & the most advanced model. Other models will be disqualified. Any other model other than the highest end and latest version is liable for rejection.		The system must be latest generation, highest & technologically advanced digital 4D (Live 3D) echocardiography system.
19.	System should be supplied with the following peripheral devices:		System should be supplied with the following peripheral devices:
	a) High quality Thermal black and white printer – 1		a) High quality Thermal black and white printer

no.		– 1 no.
b) High quality colour laser printer – 1 no.		b) High quality wi-fi enabled colour laser printer – 1 no.
c) Three ECG cables compatible with the system		c) Three ECG cables compatible with the system (2 adults & 1 pediatric)
e) 3KVA online UPS with a backup of 30 min. Minimum, from any reputed brand – 1 No.		d) True online UPS of suitable power capacity minimum 30 min. Minimum, from any reputed brand – 1 No.
f) Latest PC to be supply – 1 no. (off-cart workstation) with permanent license software for analyzing and quantification of 2D and 3D data sets like Strain and Strain rate imaging, Tissue Motion Annular Displacement, Mitral valve 3D data sets, 2D Speckel tracking. PC should be offered with a flat panel 15” display monitor. (hardware essential for OFF cart quantification)		e) Latest PC to be supply – 1 no. (off-cart workstation) with permanent license software for analyzing and quantification of 2D and 3D data sets like Strain and Strain rate imaging, Tissue Motion Annular Displacement, Mitral valve 3D data sets, 2D Speckel tracking. PC should be offered with a flat panel 15” display monitor. (hardware essential for OFF cart quantification)
g) CD/DVD writer with local reporting Image management software – 1no.		f) CD/DVD writer with local reporting Image management software – 1no.

Thus meeting concluded at 5.30 p.m.

sd/-
Dy. Ch. Eng. (M&E) CPD

sd/-
Dean (LTMG Hospital)

sd/-
Dean (BYL Nair Hosp)

sd/-
Director (ME & MH)

sd/-
C.A. (CPD)

sd/-
D.M.C. (CPD)