



Government of West Bengal
Office of The Principal
Medical College, Kolkata
88, College Street, Kolkata-700073



Memo No: MC/PRIN/ 5500/2021

Dated: 08/11/2021

Modification of Technical Specification for Re-E-Tender vide NIT No MC/PRIN/5388/2021 Dt 29/10/2021

The modification of technical specification for as recommended by the HOD Deptt of Cardiology Medical College Kolkata vide NIT No for Re-E-Tender MC/PRIN/5388/2021 Dt 29/10/2021 , for procurement and installation of Echocardiography Machine is attached herewith for uploading in www.wbetenders.gov.in and www.wbhealth.gov.in.


Principal 8/11/21
Medical College Kolkata

Memo No: MC/PRIN/

Dated:

Copy forwarded for information and n.a:-

1. The Director of Medical Education Deptt of H& FW Govt of WB.
2. The Medical Superintendent Cum Vice Principal Medical College & Hospital Kolkata.
3. HOD Deptt of Cardiology Medical College Kolkata .
4. Kazi Gowsas Salam Asstt Super MCH Kolkata
5. Sri Swarup Saha Asstt Super MCH Kolkata.
6. Store Keeper Store Section Medical College Kolkata.
7. Office File.

Principal
Medical College Kolkata

TECHNICAL SPECIFICATIONS

NEW

40

ECHOCARDIOGRAPHY	
Parameter / Feature	Threshold Limit / Range
Monitor size (diagonal) in inch	18 or more
Frame rate per second	1800 or more
MUST HAVE SPECIFICATION	
Parameter / Feature	Yes / No
Adult cardiac probe (2D with 3D upgrade option): 2-5 MHz, 4D probe	
Pediatric cardiac probe: 3-8 MHz	2-7 MHz \pm 1 MHz
Vascular probe: 3-10 MHz	
Adult TEE probe (2D with 3D upgrade option): 3-8 MHz	
Imaging & operating modes: 2D, M mode, CW, color M mode, Anatomical M mode, color power Doppler	
Colour Doppler, Tissue Doppler, Pulse wave Doppler	
Continuous tissue optimization	
Hi-Fi PAN room capability	
Live/frozen/stored images	
Vascular hemodynamics	
Tissue velocity imaging (TVI) & tissue tracking	
Strain & strain rate imaging	
Pharmacological & exercise stress echo	
Modify & create protocol templates	
Well segment scoring & reporting	

Inf. in details & spec of cardiac probe is being provided to you for the need & require. Dr. S. Guha 19/9/18

21 or more
2000 or more
Prof. Santanu Guha
DIP, CARD, MD, DM (Card), FRCP (Edin)
FCSI, FICP, FESC, FICC, FAWAET, FACC
Professor & Head, Dept. of Cardiology
Medical College, Kolkata

Dr. Jayanta Saha
MD (Med), DM (Card)
Associate Professor
Dept. of Cardiology
M.C.H., Kolkata

Adult TEE probe with 2D and 3D and 4D (3-8 MHz)

Prof. Santanu Guha
DIP, CARD, MD, DM (Card), FRCP (Edin)
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Professor & Head, Dept. of Cardiology
Medical College, Kolkata

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ADDITIONAL SPECIFICATIONS DESIRABLE:

- pediatric TEE probe 2D.
- Advanced applications like MVQ, LVQ, RVQ, LA volume ~~quantification~~ quantification.
- Dynamic 4D LV, RV, LA volume quantification.
- 10 inch or more touch panel.

Prof. Santanu Guha
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22-6-21

Zoom capability in stress echo review	
Uninterrupted power supply	
CD/DVD writer & pen drive facility	
High resolution TFT-LCD / LED monitor	
Electrical Safety and Quality Certification	
European CE & US FDA approved	

19/7/18
 (Dr. S. Ghosh)
 Medical Officer

19/7/18
 Prof. K. Layak
 HOD, NRSMEW

19/7/18
 (Dr. K. Mitra)
 HOD, RKMCH

19/07/18
 (Dr. E. Wansel)

19.7.18
 (Dr. S. Saha)
 HOD, NRSMEW

The contractual and specifications have been fixed purely as per the need and requirement of the hospital & medical college

19/7/18
 Dr. K. K. Mishra

19.9.19
 Dr. S. Saha

19/11/18
 Dr. S. Saha

ADDITIONAL SPECIFICATIONS DESIRABLE:

- 12 inch or more touch panel

19/11/21
 8/11/21

Dr. Jayanta Saha
 MD (Med), DM (Card)
 Associate Professor
 Deptt. of Cardiology
 M.C.H.-Kolkata