



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited

Swasthya Sathi

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Supply and Commissioning of different medical equipment for Department of Neuro OT and ICU at Bangur Institute of Neurosciences, Annex-I, IPGME&R SSKM Hospital

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-069/2024

Dated-19.01.2024

AMENDMENT-I

Schedule-V

REVISED TECHNICAL SPECIFICATION

USG with ECHO probe

Specification	Specification Name	Bid Requirement (Allowed Values)
Types of Probes & Features	Convex Probe	[2 to 7 (± 1)] MHz
	Linear Probe	[3 to 12 (± 2)] MHz
	TV Probe	[3 to 9 (± 2)] MHz
	Intra Operative micro Doppler probe for intracranial vessels	[4 to 16 (± 2)] MHz
	Adult cardiac phased array (TCD) probe - small foot print	[3 to 7 (± 2)] MHz
	Upgradable to real time 3-D/4-D	Yes Or higher
Scan Modes	Contrast harmonic imaging with angio mode	Yes, No Or higher
	Tissue synchronization, tissue	Yes Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	velocity	
	Provision for higher sensitivity for low frequency doppler in all probes	Yes Or higher
	Number of Channels in color doppler system	500000 or more (If channels are being designated as digital channels) / 128 physical channels
	Live 3 D imaging in color Doppler system	Yes Or higher
	Colour Doppler system with all application packages ,Quad loop for serial studies with high frame rate revies, harmonic imaging capability in all modes and integrated s tress echo package digital storage, CW Doppler, tissue Doppler, Anatomical M-mode, ECG module and retrieval	Yes Or higher
	Frame rate	1600 FPS or more
	Provision of Tissue Colorization (B-Colour) for improved contrast resolution	Yes Or higher
	Cine Loop Features	Yes Or higher
	Frame grabber facility for post analysis	Yes Or higher
	Number of transducer/probe ports	4
	System should be capable of generating real time live 3- D images	Yes
Image Display And Processing	DICOM 3 COMPLIANT	Yes Or higher
	Automated B-mode (2-D) image	Yes Or higher
	Automated CDI image optimization	Yes, No Or higher
	Automated PW Doppler image optimization	Yes Or higher
	Touch Screen	Yes Or higher
	Monitor display size, cm (in)	54.6 (21.5) LED with handle
	Split screen	Twin View
	Single/dual monitors	Single
	DVD/CD Writer	Yes Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Type of processor	i7 or latest
	RAM capacity of PC in GB (hint: Incase PC not provided put zero)	≥ 4
	Processor speed in GHZ	≥ 3
	Frame Grabber incorporated	Yes, No Or higher
	Connectivity between USG and PC	Yes Or higher
	PC with all software inclusive interfaced with USG machine	Yes, No Or higher
	laser Color printer provided with computer for reporting	Yes Or higher
	CD/DVD Produced should be playable on any system	Yes Or higher
	Glossy Colour Print Paper supplied	NA
	Dicom Interfacability Dicom to PACS	Yes Or higher
	Interfacability Dicom to RIS	Yes Or higher
Power Requirements	Resettable over current breaker s hall be fitted for protection	Yes Or higher
	Power backup	UPS
	Back up time in minutes	60
Miscellaneous Parameters	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	2 years
	Number of installations of the USG machines in Central /State/PSU Govt. Hospitals(Note: Seller should supply a performance certificate of the device to the buyer if demanded after placement of order)	More than 3
Additional Specification Parameters - Ultrasound Scanning Machine		
Specification Parameter Name		Bid Requirement (Allowed Values)
Certification - US FDA / European CE (4 Digit notified Body) / BIS		Mandatory
All parameters printed as "Yes or higher" - Should be read as "YES"		Mandatory