

Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Bhawan Complex
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 2357-7070/40340307/40340308
E mail: deo.wbmisc@gmail.com, md.wbmisc@gmail.com

SUPPLY OF NEONATAL ULTRASOUND WITH MULTIMODALITY PROBE IN THE
HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through online)

Bid Reference No.: WBMISCL/NIT-37/2014

Dated- 23.05.2014

Date of issue: 09.07.2014

Amendment -XI

The revised specification has been updated.

The updated revised specification is given bellow,

Technical Specifications for Neonatal Ultrasound With Multimodality Probe

- a) System shall provide all digit broadband technology using all digit time delay circuits, implemented using ASICs. There shall be no analog delay line components employed in the construction of beam former.
- b) System should have minimum 1024 digitally processed channels for simultaneous formation, acquisition and delay processing of multiple ultrasound beams.
- c) The system must use a full frequency spectrum Compounding Technique where by a broad/ wide band width of digital signal are broken down into multiple sub - bands and processed in parallel before "fused " into a single image to reduce speckle noise and optimize tissue contrast , while retaining spatial and contrast resolution.
- d) System should have 2D, M-Mode, color Flow , PW, CW, steerable CW and Directional Color power Angio Facility, one button optimization for 2D and Doppler modes, Auto Doppler calculation taking the entire sample acquired.
- e) System should have minimum 230 frames per second.

- f) The system should be capable of supporting the Extreme Resolution adaptive image processing technique that performs analysis at the pixel level.
- g) The System should support broadband multi frequency Phased and Linear Array and convex Array transducer technologies. Frequency processing facility for this transducer should be 2-15 MHz. This should be available without the need of frequency switching.
- h) Side pot TGC & gain optimization in the lateral walls with pre-defined curves.
- i) Triplex Imaging
- j) 15"High Resolution non – interlaced LCD monitor with articulating arm & tilt & swivel facility.
- k) System should have minimum scanning depth of 20 cm.
- l) System should at least 200 dB full times input dynamic range.
- m) System should have cine loop image review up to 1000 frames.
- n) System should provide a technique that automatically maintains optimal angle to flow and assists in delivering accurate and consistent Doppler velocity measurements.
- o) System should be a new generation ergonomically designed to curb minimum injury to the sonographer/Physician with keyboard platform rotatable and moveable (up/down)
- p) Tissue harmonic imaging.
- q) Simultaneous real time display Angio/Color Doppler and Gray scale images side by side.
- r) System should support Tissue Harmonic Imaging facility in phased Array, Convex Array, Linear Array.
- s) Linear Array should have extended field of view on side of the linear array.
- t) System should have minimum 3 active transducer connectors/ports.
- u) System should have more than 500 GB hard drive.
- v) On board Image Management – should have facility to direct digital storage of single B/W and color loops to internal hard disk and compact disk and print patient reports and images directly on plain paper print thru USB connector.
- w) Should be FDA or CE approved product.
- x) Fully function measurement facility and calculation should be possible.
- y) Following Transducer to be quoted as standard:
 - i) 3 MHz-5 MHz curved Array Transducer
 - ii) 5 MHz-10 MHz linear Transducer. (foot print of 35 mm or less)

- iii) Small footprint (20 mm or less) of phased array for neonatal head ultrasound and ECHO (4 MHz – 12 MHz)
 - iv) Warranty for 5 years for entire unit including all probes
 - v) CMC for 5 years for entire unit including all probes
- aa) Direct PC transfer and provision for thermal printing with one thermal printer & printer paper 5 rolls, for each machine.
- Rate of paper roll is to be quoted in Form 13(a)*
- bb) External online UPS (of the whole system) backup of minimum 30 minutes.
- cc) Unit should be DICOM compatible.

Amendment XII

Replace the following (marked in Red) (In Page 55)

Form 13(a): Prices for Consumables

NEONATAL ULTRASOUND WITH MULTIMODALITY PROBE		
Sl. No	Items	All inclusive cost of 1(one) number in INR
1		
2		
3		
4		

Form 13(b): Prices for Spares

NEONATAL ULTRASOUND WITH MULTIMODALITY PROBE		
Sl. No	Items	All inclusive cost of 1(one) number in INR
1		
2		
3		

NOTE: The Tenderers should furnish the price of all the Consumables and spares of the offered model in a separate sheet. If any Tenderer do not submit the prices, it will be presumed that those Consumables and spares shall be supplied FREE OF COST by the Tenderer during Warranty & CMC period.

AS UNDER

Form 13(a): Prices for Consumables

NEONATAL ULTRASOUND WITH MULTIMODALITY PROBE		
Sl. No	Items	All inclusive cost of 1(one) number in INR
1		
2		
3		
4		

Form 13(b): Prices for Spares

NEONATAL ULTRASOUND WITH MULTIMODALITY PROBE		
Sl. No	Items	All inclusive cost of 1(one) number in INR
1		
2		
3		

NOTE: The Tenderers should furnish the price of all the Consumables and spares of the offered model in a separate sheet.

The rate will be valid for 5 (five) years. After 5 (five) years, the rate may be varied but should not exceed RBI inflation index.

Amendment XIII

(Updated Revised BOQ)

Tender Inviting Authority : WEST BENGAL MEDICAL SERVICES CORPORATION LTD.					
Nature of Work: SUPPLY AND COMMISSIONING OF NEONATAL ULTRASOUND WITH MULTIMODAL DOPPLER					
Contract No: VBMSCL/NIT- 37 /2014					
Bidder					
SCHEDULE OF WORKS (This BoQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)					
Sl. No.	Description	Unit	Gross Price In Figures To be entered by the Bidder		AMOUNT Rs. P
			Figures	Words	
1.00	Ultrasound Machine	1 No.		Rupees only	0.00
2.00	Probes				
2.10	3 MHz-5 MHz curved Array Transducer	1 No.		Rupees only	0.00
2.20	5 MHz-10 MHz linear Transducer (foot print of 35 mm or less)	1 No.		Rupees only	0.00
2.30	Small Footprint (20 mm or less) of Phased Array for neonatal Head Ultrasound and ECHO (4 MHz- 12 MHz)	1 No.		Rupees only	0.00
3.00	Year wise CMC Charges				
3.10	CMC charges for Year1 after completion of Warranty of 5 years	1 No.		Rupees only	0.00
3.20	CMC charges for Year2 after completion of Warranty of 5 years	1 No.		Rupees only	0.00
3.30	CMC charges for Year3 after completion of Warranty of 5 years	1 No.		Rupees only	0.00
3.40	CMC charges for Year4 after completion of Warranty of 5 years	1 No.		Rupees only	0.00
3.50	CMC charges for Year5 after completion of Warranty of 5 years	1 No.		Rupees only	0.00
Total in Figures					0.00
Total in Words			Rupees only		

Page 1