

## Notice calling for Quotation/Tender

Chairman  
Department of Radiodiagnosis  
J.N. Medical AMU, Aligarh

M/s.....  
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Sealed Quotations/Bids (one technical and one financial separately) are invited from Manufacturer or their authorized dealers for the following items which should be sealed by the tenders in separate covers duly super scribed and both these sealed are to be put in a bigger, which should also be sealed and duly super scribed, on the terms and conditions as mentioned on page no.4

Quotations should reach this office on or before 04/01/2019 by 12.00 Noon and will be opened 05/01/2019

S.NO.	<b>TECHNICAL SPECIFICATIONS OF COLOR DOPPLER ULTRASOUND SYSTEM</b>
	Latest generation Color Doppler Ultrasound Unit capable of performing Obs/Gyn, abdominal, Vascular, Small Parts, Musculoskeletal, Urology and Cardiac (Adult & Pediatric) with following specifications :
1	System should be offered with following Broad Band width transducers:
(a)	Multi Frequency Convex Array Transducer (frequency range of 2 to 8 Mhz.) for Abdominal, Ob/Gyn, Hepatic Arteries, Liver Vasculature, Pediatric Abdomen and Neonatal Head and Bowel Loop applications.
(b)	Multi Frequency Linear Array Transducer (frequency range of 5 to 12 Mhz) for Musculoskeletal, vascular, small parts applications and Diabetic Foot Study.
2	System should have following modes:
a)	2D, M Mode, Color M Mode, PW, CW, Color Doppler Imaging, Power Doppler Imaging, Tissue Harmonic Imaging, Pulse Inversion Harmonic Imaging, Trapezoidal Imaging.
3	System should be offered with minimum 19 inch High resolution Color LCD Monitor.
4	System should have Quad Mode Facility (2D, 2D/C, 2D/PW, 2D/M)
5	System should have 4B Imaging facility for follicular study as standard.
6	System should have Digital Processing Channels of 110000 or more. Please specify through Technical Data Sheet.
7	Grey Scale (min 256 or more) please specify through Technical Data Sheet.
8	System should have scanning depth of 2 to 30 CM. Please specify through Technical Data Sheet.
9	Broad bandwidth beam former technology transducers for extreme high resolution 2D image should be available.
10	Should have High Dynamic Range of 200 db or more. Please specify through Technical Data Sheet.
11	System should have a very high frame rate of 700 Hz. or more.
12	System should have facility for gain adjustments using slide pot controls.
13	Should have minimum 3 active ports with direct switching from console.
14	System should have HPRF and CW option.
15	System should have Speckle Reduction Filter.
16	System should have Free Hand 3D with normal 2D Convex Probe.
17	System should be upgradeable to Cardiac Stress, Strain Imaging with Bull's Eye reporting to assess the Cardio Vascular Risk.
18	System should have built in Image Management software.
19	Image storage capacity through Hard Disc Drive should be 500 GB or more.
20	Image Archival: Inbuilt CD/DVD writer with the facility to transfer images.
21	System should have direct connectivity to color paper printer for printing images & report.
22	System should have extensive calculation software package for General Imaging, Obs/Gyn & abdominal Imaging.
23	The quoted model must be CE / US FDA approved.
A	System should be supplied with following accessories:
B	Reputed Make B/W Thermal Printer
24	Reputed Make compatible Online UPS
25	System should be supplied with Five Years Comprehensive Warranty and thereafter CMC rates to be quoted separately for next Five Years (6 <sup>th</sup> to 10 <sup>th</sup> Year).

(Prof. Mohd. Khalid)

CHAIRMAN

Deptt. of Radiodiagnosis  
J.N. Medical College  
A.M.U., Aligarh

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