

R-6112/ce  
16.7.18

OFFICE OF THE SUPERINTENDENT  
J.N. MEDICAL COLLEGE HOSPITAL  
ALIGARH MUSLIM UNIVERSITY,  
ALIGARH

No. Ext S34/MCH/SHKB

Dated 14/9/2018

M/s.....

Sealed Quotation/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 tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions as mentioned on Page No.2

Quotation should reach this office on or before 08/08/2018 by 12:00Noon.

**RE-TENDER OF USG MACHINE (COLOR DOPPER) WITH REVISED SPECIFICATION**

Para of RFP specifications item – wise	Specification
1.	Scanner should be latest, state of the art, Digital Colour Doppler Scanner for Abdominal, Obs&Gyn, Vascular, Musculoskeletal and Small Parts Applications
A	It should be US FDA /European CE certified.
2.	<b>Scanning Modes</b>
A	2D, M-Mode, Colour flow Imaging, Pulse Doppler, Continuous Wave Doppler, Power Doppler.
B	Simultaneous Dual/Duplex/Triplex mode display.
C	Tissue Harmonic Imaging in all probes and scanning modes.
3.	<b>Ergonomics and User Interface</b>
A	Keyboard with back-lit keys or Integrated light.
B	On-touch, easily adjustable scanning parameters coupled with Default and user-adjustable Exam presets.
C	At least 15'' LCD/LED monitor or more.
D	Minimum three active probe ports excluding CW probe.
E	Integrated trolley-mounted system with independent locking of all four wheels.
4.	<b>Scanning Parameters</b>
A	Should have at least 1,70,000 digital processing channels.
B	Minimum 256 gray-scale levels with a system dynamic range of at least 200 db.
C	Compound imaging Mode with upto 7 lines on all linear and convex probes.
D	Frame rate of at least 500fpsin 2D Mode.
E	Panoramic Extended field-of-View imaging feature.
F	Tissue gray-scale optimization feature.
G	Real time Auto Doppler with One - touch Doppler Optimization.
H	Depth and Focal Zone adjustment with Active Zoom function.
I	Live image should be supported with side by side reference/stored Images.
5.	<b>Transducers</b>
A	Convex probe of 2-5MHz
B	Transvaginal Probe
6.	<b>Image Review and Archiving</b>
A	Should be DICOM 3.0 ready with Print, Save and Modality worklist capability for connectivity to a PACS.
B	Ability to store images by patient or different exam dates
C	All Image enhancement tools and measurement features to be available off-line on stored Images in all Imaging modes.
D	All measurement and annotations should be automatically stored with Patient Data.

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