Notice Calling for Quotation/Tender

D.No. 237 OG/19
Date:29.05.2019

DEPAERMENT OF OBSTETRICS AND GYNAECOLOGY
JN. MEDICAL COLLEGE & HOSPITAL
ALIGARH MUSLIM UNIVERSITY, ALIGARH.

Sealed Quotation/Bids (one Financial and one Technical separately along with compliance report) are invited from Manufacturer or their Authorised dealers for the following item the terms and conditions printed overleaf. Quotations should reach the office on or before 12.06.2019 by 03:00 PM.

TENDER OF USG MACHINE (COLOUR DOPPLER)

Para of RFP Specifications item wise	Specification
1	Scanner should be at least, state of the art, Digital Colour Doppler Scanner for Abdominal, Obs&Gyn, Cardiac, Vascular, Musculoskeletal and Small Parts Applications.
A	It should be US FDA/European CE Certified.
2	**Scanning Modes.**
A	2D, M-Mode, Colour flow Imaging, Pulse Doppler, Continuous, Wave Doppler, Power Doppler, THI, Pulse Inversion Harmonic PW adjustable to 0.8-2.5 cm.
B	Simultaneous Dual/Duplex/Triplex mode display.
C	Tissue Harmonic Imaging in all probes and scanning modes.
D	Machine should be upgradable to line 3D (4D imaging) with light features like fetus realistic viewing/shading.
3	**Ergonomics and User Interface.**
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 15-20'' 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	**Scanning Parameters.**
A	Should have at least 60,000 digital processing channels.
B	Minimum 256 gray-scale levels with a system dynamic range of at least 200 db.
C	Compound imaging Mode with up to 7 lines on all convex probes.
D	Frame rate of at least 700 fps in 2D Mode.
E	Panoramic Extended field-of-View imaging feature.
F	Automatic 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	**Transducers**
A	Adult Cardiac transducers with frequency range from 2-4 MHz.
B	Convex Probe of 2-5MHz
C	Endocavitary 3-8 MHz
6	**Image Review and Archiving**
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 patients or different exam dates.
C	All image enhancement tool and measurement features to be available off-line on stored images III in all imaging modes.
D	All measurement and annotations should be automatically stored with Patient Data

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