

RE-ADVERTISED TENDER ENQUIRY

FOR PURCHASE OF HIGH END 4 D ECHOCARDIOGRAPHY SYSTEM

at

Jawaharlal Nehru Medical College Hospital
AMU, Aligarh.

NIT Issue Date : 15-09-2018
NIT No. : JNMCH/Cardiology/05/2018-19
Last Date of Submission : 08-10-2018 at 01:00 PM
Bid Opening : 09-10-2018 at 12:00 Noon

Tender documents may be downloaded from university website www.amu.ac.in



Aligarh Muslim University Aligarh

Office of the Medical Superintendent

JN Medical College Hospital

AMU Aligarh 202002

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Medical Superintendent
J.N. Medical College Hospital
A.M.U., Aligarh

Jawaharlal Nehru Medical College Hospital, AMU, Aligarh invites **bids (Technical & Financial)** from reputed, experienced and financially sound Companies/Firms/Agencies for the supply & installation of the **High End 4D Echocardiography System** to the J.N. Medical College Hospital, AMU, Aligarh. Those who are in the similar business for the last five years and providing the same service to Central/State Govt./Reputed Private Hospitals or Autonomous Bodies may send their bids both Technical & Commercial in sealed envelopes.

The interested Companies/Firms/Agencies may send their bid complete in all respect along with Earnest Money Deposit (EMD) as mentioned below for each item separately in the form of Demand Draft/Bank Guarantee issued in favour of Finance Officer, AMU, Aligarh, drawn on any scheduled bank payable at AMU, Aligarh and other requisite documents to Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh-U.P. through registered/speed post duly superscripted "Bid for **High End 4D Echocardiography System**" separately mentioning Tender No. JNMCH/Cardiology/05/2018-19 on or before 01:00 PM on 08.10.2018. The bids received after this deadline shall not be entertained under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offers submitted by Telegram/Fax/email shall not be considered and no correspondence will be entertained in this matter. The EMD, in case of unsuccessful bidders shall be retained by JN Medical College Hospital, AMU Aligarh till the finalization of the tender. No interest will be paid by J.N. Medical College Hospital, AMU, Aligarh on the EMD.

S. No.	Item Description	Qty	EMD (Rs.)
1	High End 4 D Echocardiography System	01	Rs.1,00,000.00

The following documents are to be furnished by the Supplier along with **Technical Bid** as per the tender document:

- i) Signed and scanned copy of valid registration certificate, experience certificate as per the tender notice, PAN, GST registration certificate and Tender Acceptance Letter.
- ii) Signed and Scanned copy of documents like (Earnest Money Deposit)
- iii) Signed and Scanned Copy of Make and model with HSN code of all systems, sub system send additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.

Bids will be opened on 09.10.2018 at 12:00 Noon in the presence of bidders or their authorized representatives who wish to participate in the bidding process. If the opening date happens to be a closed day/holidays, the tender will be opened on the next working day.

Any future clarification(s) and / or corrigendum(s) shall be communicated by the Medical Superintendent through the website www.amu.ac.in

Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document or to reject any or all tenders without giving any notice or assigning any reason. The decision of the Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh in this regard shall be final.

High End 4D Echocardiography System	
A	Technical Specification
1	The system must be latest generation, highest & technologically advanced digital 4D (Live 3D) echocardiography system. Any other model other than the highest end and latest version is liable for rejection
2	System must be offered with a minimum of 50,00000 digital processed channels. Original technical data sheet should be enclosed in technical bid to support the number of channels on the systems. If not mentioned, Please attach a letter from manufacturer along with the technical bid clearly stating the digital processed channels of the offered system
3	System must have adult cardiology transducer with either single crystal technology or pure wave technology or matrix or equivalent for excellent greyscale image quality on difficult to image patients. Please mention the technology used in the transducer. Original technical data sheet should be enclosed in technical bid to support the crystal technology.
4	System must be offered with a minimum 21 inch high resolution OLED medical grade display monitor with infinite position adjustments. Company should provide wider monitor if available
5	System should have at-least four Imaging universal active probe ports with electronic switching facility from key board without probe adapter.
6	System should be capable of supporting second generation 4D(Live 3D) matrix transthoracic transducer capable of supporting a minimum of 3000 elements for exceptional 4D (live 3D) Echo,4D(Live 3D) zoom, triggered full volume and triggered 3D colour volume with electro Caution suppression.
7	System should support board band probes spanning a frequency of 1-15 MHz.
8	Image storage facility on in build hard disc or MOD/CD/DVD-RW facility should be available. Inbuilt hard disk with capacity of 1TB. System should have extensive image capability including thumb nail review, Cine loop editing etc. management.
9	System must be offered with speckle reduction Imaging: Image processing technique to remove speckles and clutter artifacts.
10	System should be upgradable for 4D (Live 3D) Echocardiography capability with colour flow imaging with single beat
11	System should be capable of scanning depth of 30cm. Scanning Depth should be clearly mentioned in the technical quoted If not mentioned Please attach a letter from manufacturer along with the technical bid clearly stating the scanning depth of 30 cm in the offered system.
12	Should be able to perform advanced quantification measurements like strain & Strain rate quantification. Should measure the myocardial velocity and derives the strain rate and strain along user-defined M-lines, Capable of drawing up to 3 M-lines at a time, Capable of sub-dividing each M-line into 8 sub-regions or according to user-defined sub-region sizes, Point of interest tool obtains values from any point on the M- mode display. In addition to the tissue Doppler based strain system should have 2D based strain like AFI or CMQ should be offered. These should be offered both on the system and on a licensed workstation. OFF-CART workstation (both licensed hardware and licensed software) should be quoted and highlighted in the technical bid.
13	System must be offered with user friendly high resolution user interface touch panel of minimum size of User friendliness will be given preference.
14	Should be upgradable to perform Bi plane imaging and multi view rotation option should be available. That helps to take short axis from plax view and from four chamber, it can provide two chamber and and three chamber view also. This option should be available in stress echo also. Integrated stress Echo facility to perform Stress Echo exams.
15	The system should have the facility of displaying the three planes of the 3D data set.
16	Contrast Imaging should be offered as standard on the system, with optimization for LOW and HI MI applications. Should also have facility of LOW MI with triggered replenishment Imaging.

