

**NORTH DELHI MUNICIPAL CORPORATION
HINDU RAO HOSPITAL;DELHI-7**

NIT No.HRH/ET/2019-20/P-01,

dt.01.06.2019.

**TENDER NOTICE
(E-Tendering Mode Only)**

A. E-tenders on dual bid system (technical bid and financial bid.) are invited by the Medical Superintendent, Hindu Rao Hospital on behalf of the Commissioner, North Delhi Municipal Corporation, for supply of **2D Echocardiography Machine for Department of Cardiology, Hindu Rao Hospital.**

B. The tender forms with terms and conditions and list of the items, can be viewed and downloaded online on the website www.tenderwizard.com/NORTHDMCETENDER

C. Important Dates and Information.

Sr.No.	Important Dates	Schedule
1	Start date & time to download the bid document	1 st June, 2019 at 18.30 Hours
2	Last date & time to download the tender	02 th July, 2019 at 15.00 Hours
3	Last date & time for online Submission of Technical Bid & Financial Bid	03 th July , 2019 at 15.00 Hours
4	Pre-Bid Meeting	12th June, 2019 at 11.30 Hours Venue :- DHA(NDMC) Office 12 Floor, Civic Centre, Minto Road, Delhi
5	Date & time of opening of Technical Bid	04 th July , 2019 at 15.15 Hours
6	Date & time of opening of Financial Bid	Will be informed later on.
7	Address for Communication	Medical Superintendent, Hindu Rao Hospital, Near MalkaGanj, Delhi-110007. Tel.No. 23905798/23905690 Email _mshrhdmc@gmail.com

D.4. The following payments to be made online through e-payment mode only:

Mode of Payment towards Tender Document Fee(TDF)& Earnest Money Deposit(EMD) to be paid online through e-Payment mode via :

i. National Electronic Fund Transfer (NEFT) / Real-Time Gross Settlement RTGS) /

Tenderer requires download website generated challan available on e-tender website and make its payment through any of their Bank.

ii. Internet Payment Gateway (Debit/ Credit Card/Net Banking).

Note: Any Payments made through NEFT/RTGS/OTC will take 24 hours for its reconciliation. Hence the payments through NEFT/RTGS/OTC should be made at least TWO BANK WORKING DAYS in advance before any due date and upload the scanned copy of challans in the e-Tender website as a token of payment.

Cost of tender document	Earnest Money Deposit (EMD)
Rs.1000/-	Rs.1,25,000/-

E. The detail of items required with specification is as under :-

S.No.	Name of item	Qty.
1	Purchase of 2D Echocardiography Machine as per specifications for Department of Cardiology	01 no.

F. TECHNICAL SPECIFICATION OF ADVANCED 2D ECHOCARDIOGRAPHY

1. COMPANY

- ISO 9001-2000 certified
- Should have authorized service center in Delhi/ NCR.
- SAFETY STANDARD should be current IEC Standard.
- System should be CE/FDA certified. Both certificates preferable.
- Whole unit should have at least one hour UPS power backup.

2. SYSTEM

- The system must be latest generation and technological advanced Digital COLOR 2D ECHOCARDIOGRAPHY SYSTEM.
- SYSTEM must be offered with OR MORE THAN 50000 digital processed channels.
- System must be offered with minimum 19 inches or more high resolution flat panel medical grade monitor with adjustable tilt/swivel ARM.
- System must have 2D,M-MODE,ANATOMICAL M MODE,C-W DOPPLER, CDI, TISSUE DOPPLER, STRAIN IMAGING, AND TISSUE HARMONIC IMAGING BOTH FUNDAMENTAL AND PULSE INVERSION.
- SHOULD HAVE ADVANCED MYOCARDIAL VELOCITY, STRAIN AND STRAIN RATE QUANTIFICATION.
- Should have 2D SPECKEL TRACKING and imaging with longitudinal, radial and circumferential strain facility.
- 2D BASED STRAIN VVI, AFI, TMQ SHOULD BE OFFERED.
- MUST HAVE STRESS IMAGING, CONTRAST IMAGING, AND PERFUSION IMAGING CAPABILITY.
- CINE LOOP MEMORY SHOULD BE MORE THAN 1000 FRAME OF CINE LOOP FACILITY MEASUREMENT AND ANNOTATION ON RETRIEVED IMAGES.
- SYSTEM SHOULD HAVE FACILITY FOR INCORPORATING TEE.
- SHOULD BE WIDE DYNAMIC RANGE WITH SCANNING DEPTH OF UPTO 30 CM.
- PROBES SHOULD BE LATEST GENERATION SINGLE CRYSTAL ,HIGH DENSITY OR MATRIX TRANSDUCERS WITH PINLESS CONNECTORS.
- SHOULD HAVE 256 OR MORE GREY SCALE WITH B MODE TISSUE COLOURISATION.
- STEARABLE PW AND CW IN ALL PHASED ARRAY PROBES.
- SYSTEM SHOULD SUPPORT BROAD BAND PROBES SPANNING RANGE FROM 1-15 MHZ.

- SYSTEM SHOULD HAVE AT LEAST THREE IMAGING UNIVERSAL ACTIVE PROBE PORTS WITH ELECTRONIC SWITCHING FACILITY FROM KEY BOARD WITHOUT PROBE ADAPTER.
- HIGH DEFINITION ZOOM FOR ENLARGING SECTIONS OF 2D AND COLOR FLOW IMAGES WITH MORE INFORMATION, GREATER CLARITY AND DETAILS WITH OPTIMAL FRAME RATE.
- SYSTEM SHOULD HAVE FULL AUTO MEASUREMENT AND ANALYSIS CAPABILITY IN ALL MODES.
- USER DEFINED SYSTEM AND APPLICATION PRESENT FOR MULTI USER SPECIFICATIONS.
- SHOULD HAVE STATE OF ART TRANSMIT REAL TIME COMPOUND IMAGING TECHNOLOGY WITH MULTIPLE LINES OF SIGHT ,WHEREIN MULTIPLE COPLANER IMAGES FROM DIFFERENT VIEWING ANGLES ARE OBTAINED AND COMBINED INTO SINGLE COMPOUND IMAGE AT REAL TIME FRAME RATES FOR IMPROVED VISUALIZATION.
- SYSTEM MUST BE OFFERED WITH USER FRIENDLY HIGH RESOLUTION USER INTERFACE TOUCH PANEL OR INTUITIVE KEYBOARD with backlight.
- Should have trackball.
- SHOULD HAVE INTEGRATED STRESS ECHO FACILITY TO PERFORM EXERCISE AND DOBUTAMINE/DRUG STRESS ECHO EXAMINATIONS.
- SHOULD HAVE ADVANCED VASCULAR IMAGING SOFTWARE.
- INBUILT HARD DISK WITH CAPACITY OF MINIMUM ONE TB.
- OFF CART WORK STATION (BOTH LICENSED HARDWARE AND LICENSED SOFTWARE) SHOULD BE QUOTED AND HIGHLIGHTED IN TECHNICAL BID.
- LATEST GENERATION SYSTEM DICOM READY, INTERFACED HIS/RIS/PACS.
- SYSTEM SHOULD HAVE BASIC AND ADVANCED CALCULATION PACKAGE.
- SYSTEM SHOULD HAVE AUTO CALCULATION IN DOPPLER MODE AND AUTOMATIC CALCULATION OF IMT.
- THE SYSTEM SHOULD HAVE 5 OR MORE USB PORT AND DICOM 3.0 CONNECTIVITY.DVD WRITER AND RECORDER.
- AT LEAST TWO GOVT./CORPORATE HOSPITAL PERFORMANCE REPORT SHOULD BE SUBMITTED.
- MACHINE SHOULD HAVE ECG PORT FOR ECG GATED MEASUREMENT AND ANALYSIS.
- SHOULD HAVE FACILITY TO REVIEW AND EDIT PATIENT REPORT.

3. PROBES MUST BE SUPPLIED

- ONE 1-5 MHZ BROADBAND ADULT ECHO TRANSDUCER.MUST HAVE THI, SINGLE CRYSTAL TECHNOLOGY OR PUREWAVE OR MATRIX TECHNOLOGY. MUST HAVE SMALL FOOT PRINT.
- ONE 3-8 MHZ BROADBAND PAEDIATRIC ECHO TRANSDUCER FOR PAEDIATRIC AND SMALL ADULT CARDIOLOGY IMAGING.
- ONE 5-12 MHZ BROADBAND PAEDIATRIC ECHO TRANSDUCER FOR NEONATAL AND INFANTS, PAEDIATRIC CARDIAC IMAGING.
- ONE 4-13 MHZ LINEAR VASCULAR TRANSDUCER.

4. WARRANTY AND TECHNICAL SUPPORT

- ALL PROBES MUST BE INCLUDED IN THE MACHINE PRICE .IN ADDITION PRICE OF PROBES SHOULD BE QUOTED SEPARATELY.
- FIVE YEAR COMPREHENSIVE WARRANTY INCLUDING PARTS AND LABOUR AND FURTHER FIVE YEAR CMC SHOULD BE UNCONDITIONAL AND INCLUDE ALL ACCESSORIES INCLUDING THIRD PARTY ITEMS.
- ALL SOFTWARE UPDATES FOR A PERIOD OF FIVE YEARS TO BE PROVIDED FREE OF COST.
- COMPREHENSIVE WARRANTY FOR PARTS AND LABOUR FROM YEAR 6 TO 10 WILL ALSO NEED TO BE QUOTED IN PRICE SEPARATELY AND WILL BE TAKEN IN ACCOUNT WHILE CALCULATING THE FINAL PRICE.
- SYSTEM SHOULD BE SUPPLIED WITH ONLINE UPS FOR ONE HOUR BACKUP.
- One thermal color printer for echo images must be supplied.
- ONE MFD LASER JET PRINTER SHOULD BE SUPPLIED WITH SYSTEM.
- One extra adult probe to be supplied.
- Two set ECG cables with fifty packets of disposable electrodes must be provided.

G. Terms and conditions

1. The tender /quotation should be submitted online (technical bid and financial bid separately), along with the required documents/certificates.
2. The rates quoted should be valid for a minimum period of twelve months.
3. The tenderer must be manufacturer / authorized distributor / authorized stockiest.
4. The tenderer should not be blacklisted or debarred in any govt. institution/department.
5. Full specification of each quoted item(s) should be given in technical bid with make and model.
6. Supply shall have to be arranged by the firm in 45 days for local item(s) and 90 days for imported item(s).
7. All supplies/work will be subject to the approval of board and can be rejected without assigning any reason. Supplier will have to remove rejected supply within three days of intimation at own cost.
8. No firm will be eligible to withdraw its rates after the submission of the quotation/tender otherwise, EMD will be forfeited.
9. Penalty @ 2% per week of the total cost of the order value will be imposed on the firm in case of late supply subject to maximum 6 % for 21 days last form the date of supply order.
10. In case the order is placed and the firm is not in position to execute the supplies, the material will be purchased at risk and cost of the firm without any notice.
11. Rates should be clearly written inclusive of all discounts likely to be offered by the firm in the price bid.
12. Rate quoted should be FOR. Supply will be received at the concern store of the hospital.
13. Payment will be made by bill system after receiving the supply and approval.
14. No tender will be accepted without tender cost and earnest money.
15. No previous earnest money will be adjusted.
16. Multiple offers will not be accepted.
17. Percentage of applicable taxes must be clearly mentioned in the technical bid. Also it should be clearly mentioned in the technical bid that the quoted rates are inclusive or exclusive of taxes.
18. The demonstration of the quoted items should be arranged by the bidder as required by the board.
19. Warranty, make and model of the all the quoted items/equipments should be mentioned clearly in the technical bid of tender/quotation.
20. The performance security of 5 % of the cost of the equipment should be deposited by the successful bidder in shape of BG/FDR valid for 60 days beyond the warranty period in favor of the Medical superintendent of the hospital.
21. **Documents to be submitted in the technical bid :-**
 - i. In case of stockiest / distributor quoted the tender, complete chain of the authorization certificate from manufacturer to bidder must be submitted in the technical bid. In case of manufacturer quoted the tender, the document showing the same must be submitted with the technical bid.
 - ii. Proprietorship certificate.
 - iii. GSTIN Registration copy.
 - iv. Forwarding letter on letter head of the firm that the tender terms and conditions are acceptable.

- v. Undertaking that the firm has not been blacklisted / debarred from anywhere and No CBI/ vigilance enquiry pending against the firm.
 - vi. Copy of PAN.
 - vii. Full specification of quoted item(s) with make and model.
 - viii. The compliance report of the quoted make and model with the NIT specifications, terms and conditions.
 - ix. Any other document such as ISI/ISO/CE/FDA certificate (as per requirement of the NIT specifications, terms and conditions) must also be submitted in the technical bid.
 - x. Undertaking from the manufacturer/Authorized distributor regarding commitment to supply / service of the ordered item/equipment within the stipulated time.
 - xi. List of consumable items (Not cover under warranty & CMC) should be mentioned in Technical Bid but the rates of CMC and the consumable items should be quoted separately in the Price Bid.
 - xii. Undertaking that the quoted rates are reasonable and justified and same as being charged by them from other Govt. institutions / hospitals.
 - xiii. The detail of service centers in the NCR with complete address, phone no, e-mail ID must be submitted with the technical bid.
 - xiv. Declaration regarding GST, whether quoted rates are inclusive or exclusive of GST. Percentage of applicable GST must be clearly mentioned with HSN code.
 - xv. Performance certificate.
22. The quoted firm is responsible for the authenticity of all submitted documents.
23. No conditional tender/ quotation will be accepted.
24. The Tenderer should deliver and install the equipment in the concerned department of the hospital, give the demonstration, and train the staff of the department free of cost.
25. The Medical Superintendent, HRH reserves the right to reject any or all tenders without assigning any reasons.
26. In case the tender/bidder does not submit the required documents, tender cost & EMD, may result in to rejection of the tender/quotation.
27. Any contravention to the above terms and condition may result in to fore fitting of earnest money and rejection of the tender/quotation.
28. The bidder has to fill their rates for the equipment, rates of CMC and list & rates of consumables (not covered under warranty and CMC) in the price bid provided with the tender in excel format. The detail of the excel sheets provided with the tender is as under :-
- i. Excel Sheet-I.....For rates of Equipment.
 - ii. Excel Sheet-II.....For rates of CMC.
 - iii. Excel Sheet-III..... For list and rates of Consumables (not covered under warranty and CMC).

Medical Superintendent.