

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

NIT No.HRH/ET/2018-19/P-14, dt. 01.08.2018.

**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 Purchase of three nos. **C-Arm Image Intensifier for Orthopedic Department, 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.

S.No.	Important Dates	Schedule
1	Start date & time to download the tender	01 st August, 2018 at 14.30 Hours
2	Last date & time to download the tender	27 th August, 2018 at 15.00 Hours
2	Last date & time for online Submission of Technical Bid & Financial Bid	28 th August, 2018 at 15.00 Hours
3	Date & time of opening of Technical Bid	29 th August, 2018 at 15.15 Hours
4	Date & time of opening of Financial Bid	Will be informed later on.
5	Address for Communication	Medical Superintendent, Hindu Rao Hospital, Near Malka Ganj, Delhi-110007. Tel.No. 23905798/23905690 Email –mshrhndmc@gmail.com

D. 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.187500/-

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

S.No.	Name of item	Qty.
1	Purchase of C-Arm Image Intensifier as per specifications for Orthopedic Department.	03 no.

F. TECHNICAL SPECIFICATION OF C-ARM IMAGE INTENSIFIER

The C-Arm image intensifier should be mobile for use in the operation theaters surgical procedures and have the following specifications :-

IMAGE INTENSIFIER:

1. Image intensifying tube of at least 9" dia
2. Should have a triple field of 9", 6" & 4.5".
3. High Resolution Compact CCD Camera of at least 752(H) X 582(V) pixels.
4. Unit should be provided with a cassette holder.
5. Image rotation by control panel/IR remote.
6. Horizontal & Vertical inversion.
7. Last image hold.
8. Safe guards for power, spike fluctuations and for prevention of electric shock.
9. Provision for negative image.

MONITOR:

1. Two 19" LCD/TFT flicker free high resolution monitor mounted on a trolley.
2. The display system should have minimum brightness of 1000 cd/m² with resolution of 1280X1024.

C-ARM MOVEMENTS should allow:

1. Rotation -more than 180⁰ on either side.
2. Motorized up/down movement- more than 40cm.
3. Horizontal travel movement more than 20cm.
4. Arc orbital movement more than 120⁰.
5. Wig-wag movement of at least 12.5⁰ on either side.
6. Foot locking facility to immobilize the unit.
7. Depth of C-arm of at least 60cm.

X-RAY GENERATOR should be :

1. High Frequency X-Ray generator of 40KHZ or more.
2. Output power of at 3.5 KW or more.
3. Should have the following modes:

- a) Manual and automatic fluoroscopy
 - b) Single and multi-pulsed fluoroscopy
 - c) Boosted/snap shot fluoroscopy.
4. Unit should have the following parameters
 - a) KV Range: 40 to 110 KV with steps of 1 KV.
 - b) Radiographic mA: 30mA to 60mA
 - c) Fluoroscopy mA: 0.1-4mA (Normal mode)
 5. X-ray Exposure should be initiated through the foot switch & hand held switch
 6. The system should have a facility to select KV & mA in manual & auto-mode
 7. Should have an emergency stop switch for manual shut off.

X-RAY TUBE should have:

1. A rotating anode X-Ray tube.
2. X-Ray tube should have a dual focal spot of around 0.6mm & 1.6mm or less.
3. Anode heat storage capacity should be 60KHU or more.
4. Parallel collimators with radiation free collimation facility and last image hold.

CONTROL PANEL: Control Panel should be fully feather touch for easy cleaning and disinfection and have the following:

1. Digital display of KV, FmA & FLR TIME.
2. Selector switch for fluoro rad mode selection.
3. An inbuilt radiography timer to select mAs in steps.
4. Cumulative timer with buzzer at 5 minutes.
5. Indicators for left/right, up/down image rotation.
6. A thermal safety cut off.
7. The unit should be operable on single phase 230 V \pm 10% AC at 50Hz with standard 15 Amp socket.
8. Automatic brightness stabilizer.
9. Provision of indication for easy identification of faults to minimize the downtime.

MEMORY SYSTEM should include the following :-

1. Two monitors system for LIH, LIVE and stored images.
2. Permanent image storage capacity above 10,000 images.
3. CD writer to store images on CD for giving it to patients.
4. Patient's name, operator name, hospital name, date & time display on monitor.
5. Automatic capture and storage of cine loop with cine foot switch.
6. Printing options in different formats (Frames of different loop can be printed on the same sheet).
7. Should have LAN connectivity.
8. Should have PULSE fluoroscopy.
9. Should be DICOM compatible.

ACCESSORIES: The following accessories are to be provided:

1. AERB approved Apron(Lead Equivalence 0.5mm) regular size -6 Nos.
2. AERB approved Thyroid Shields (Lead Equivalence 0.5 mm) regular size- 6 Nos).
3. Sterile covers for monitors & tube heads -6 sets.
4. Radio Protective Goggles -6 Nos.
5. Wall mounted stand for six aprons each -02 Nos.
6. Suitable voltage stabilizer.

OTHER REQUIREMENTS:

1. The company should be ISO 9001:2008, 13485:2012
2. The equipment must be CE Certified
3. The Unit should be approved by AERB.
4. The company should have a local service centre.
5. Last three years performance certificate of the same unit.
6. 5 years warranty on all supplied items including X-Ray tube and accessories a down time of 24 hours.
7. After the 5 year warranty, a provision of 5 year Comprehensive Maintenance Charge (CMC) of all items with a down time of 24 hours.
8. A list of items and their rates to be quoted of parts, if any, which will not be covered in the above/government approved hospital where this unit has been installed be provided.

G. Terms and conditions

1. The tender /quotation should be submitted online (technical bid and financial bid separately), along with therequired documents/certificates.
2. The rates quoted should be valid for a minimum period of twelve months.
3. The tenderer should not be blacklisted or debarred in any govt. institution/department.
4. Full specification of each quoted item(s) should be given in technical bid with make and model.
5. Supply shall have to be arranged by the firm in 45 days for local item(s) and 90 days for imported item(s).
6. 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 withinthree days of intimation at own cost.
7. No firm will be eligible to withdraw its rates after the submission of the quotation/tender otherwise, EMD will be forfeited.
8. 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.
9. 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.
10. Rates should be clearly written inclusive of all discounts likely to be offered by the firm in the price bid.
11. Rate quoted should be FOR. Supply will be received at the concern store of the hospital.
12. Payment will be made by bill system after receiving the supply and approval.
13. No tender will be accepted without tender cost and earnest money.

14. No previous earnest money will be adjusted.
15. Multiple offers will not be accepted.
16. 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.
17. The demonstration of the quoted items should be arranged by the bidder as required by the board.
18. Warranty, make and model of the all the quoted items/equipments should be mentioned clearly in the technical bid of tender/quotation.
19. 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.

20. 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 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.
21. The quoted firm is responsible for the authenticity of all submitted documents.
 22. No conditional tender/ quotation will be accepted.
 23. 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.
 24. The Medical Superintendent, HRH reserves the right to reject any or all tenders without assigning any reasons.
 25. In case the tender/bidder does not submit the required documents, tender cost & EMD, may result in to rejection of the tender/quotation.

26. Any contravention to the above terms and condition, may result in to fore fitting of earnest money and rejection of the tender/quotation.
27. The bidder has to fill their rates for the equipment, CMC and consumables, not covered under warranty and CMC, in the price bid provided with the tender in excel format.

Medical Superintendent.