

Advertised Tender Enquiry

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

D. No.206...../MCH

Dated ...27/6/2020.....

For Computed Radiography System with Printer at

Jawaharlal Nehru Medical College Hospital AMU
Aligarh.

NIT Issue Date : 27-06-2020
NIT No. : JNMCH/Trauma /01/2020-21
Last Date of Submission : 20-07-2020 at 12:00Noon
Tech. Bid opening : 21-07-2020 at 12:00Noon

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



Aligarh Muslim University Aligarh

Office of the Medical Superintendent

JN Medical College Hospital

AMU Aligarh 202002

email: jnmedicalpurchase@gmail.com

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

Tender for Equipment

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 **Computed Radiography System with printer** 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 Nationalised/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. The bids in sealed cover –I containing “Technical Bid” and sealed cover –II containing “Financial Bids” should be placed in a third sealed cover super scribed “Tender for **Computed Radiography System with printer** separately mentioning Tender No. **JNMCH/Trauma/01/2020-21** on or before 12:00 Noon on 20-07-2020. 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.	Computed Radiography System with printer	03Nos.	Rs.42,000/-

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 Bid Security (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.

Technical Bids will be opened on 21-07-2020 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/holiday, 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.

Specification of Computed Radiography System with Printer

- System must achieve minimum 30 plates/hour or more for the cassette size 35x43 cm.
- System must be approved by FDA for general Radiology application
- System must be CE marked.
- System must be desktop/floor stand solution.
- System must be single plate scanning CR Solution.
- System should be able to upgrade the cassette speed in future.
- Monitor can be any of the ones available as Std LCD or touch screen.
- Monitor resolution must be at least 1280x 1024.
- Imaging plates must be flexible type.
- System must offer the capability to read plates 35x43 cm with pixel pitch smaller than 100micron (<10pix/mm).
- Grey scale resolution for image acquisition before processing must be 16bit.
- Grey scale resolution for post processed images must be at least 12bit.
- Cassette at imaging plates must be available in various sizes.
- System is capable for reading for QR codes to acquire patient ID.
- System allows to associates patient ID with cassette through a bar code reader for RF device.
- Image processing Algorithms are based on multi frequency processing type.
- Software automatically masks the area outside the collimation edges for better productivity.
- Manual adjustment of the masked area should be possible.
- System must be capable to connect to PSCS though Dicom store.
- System must be capable to print to dry laser printer through Dicom print.
- System must to able to acquire worklist form existing HIS/RIS.
- System must be able to burinig patient image on CD?DVD.
- System must be able to removed grid lines 1031 Pi static grids.
- System must be cable of running a QA/QC test to verify performance.
- Statistical report must be generated to track repeat exam, dose etc.
- Image can be freely rotated.
- System is fully compliant with storage commitment requirement.
- Capability to customize the procedure and create customized views.
- System must be capable importing imaging into the database form various media type such USB Sticks, CD ROMs etc.
- System must be allowed to create Annotations or images.
- System must make available advance measurement tools such as length angle, cob angle, cardio-thoracic area, etc.
- Cine loop future must be made available to review images from modalities such as US, CT, MR.
- Patient list can be created either form the main workstation or from a web client remotely connected.
- System can offer optional feature of a specific module to generate reports and store them on the same data base along with images.
- System should have optional feature of report can be created either form the main workstation or form any web client remotel connected.
- System must offer the capability to accure image form modalities as CT, MR, US, etc, review then an store them.
- The system doesn't give any limitation as far as the number of modalities that can receive image from.
- System creates a vendor neutral exposure index value for each image.
- System should offer a broad selection of formatted pages while printing including Asymmetric templates.
- Images and reports can be distributed across web clients connected to the main workstation.
- Minimum number of concurrent web clients supported should be 4 maximum of 8 or more.
- System support data steaming capability web clients to enhance the.
- System offers the capability, to crop images, zoom and print.
- System has the capability to connect to existing RIS/HIS system and communicated through HI 7Protocol.
- System encrypts images for transmission to a remote workstation to avoid the use of VPN.
- System should have optional facility to view image on a ipad without additional s/w.
- System allow to add patient picture to demographic screen.
- Printer must be laser technology.
- Printer should have single or double online supply trays or draws.
- Each tray or draw of the printer must be able to print the following international standard films size 8x10, 10x12,11x14 and 14x17 without mechanically alteration.
- Printing resolution must be 325 dpi/ppi or more standard for all types of DICOM images printing.
- Printer must use day light film box loading technology.

Terms & Conditions:

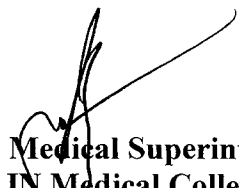



1. The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, he same will be treated as

Tender for Equipment

- unresponsive and it may be rejected. In case the tenderer withdraws, modifies or change his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.
2. No overwriting or cutting is permitted in the rates. If found, quotation shall be summarily rejected.
3. The Equipment/System should be USFDA/CE European approved product.
4. The goods ordered shall be delivered and installed at the JN Medical College Hospital, AMU, Aligarh, within **30 days** from the date of issue of supply order.
5. All the aspects of safe delivery, installation and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver, install and commission the goods on or before the stipulated date, then a penalty at the rate of 0.5% per week of the total order value shall be believed subject to maximum of 10% of the total order value. The successful tenderer will also provide required training for supplied item at the J.N. Medical College Hospital, AMU, Aligarh. The goods should be manufactured after adoption of latest technology.
6. In the case of package supply where the delayed portion of supply materially hampers installation and commissioning of the systems, liquidated damages charge shall be levied as above on the total value of the concerned package of the purchase order. Quantum of liquidated damages assessed and levied by the purchaser shall be final and not challengeable by the supplier.
7. The supplier shall be required to perform the following services:-
 - a) Installation & Commissioning, Supervision and Demonstration of the goods.
 - b) Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
 - c) On Site Training to Doctors/Technicians/Staff is to be provided by Supplier for operation and maintenance of the equipment for a period of 30 working days after successful installation of the machine, as per direction of user department.
 - d) Supplying required number of operation & maintenance manual for the goods.
 - e) To provide non-locked open software and standard interface interoperability conditions for Networked equipment's in hospital management information system, wherever applicable.
8. The separate price list of all accessories and consumables, if any, must be attached/ enclosed along with the Financial Bid.
9. After sales service should be available on 24(hrs.) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 24hrs to ensure an uptime of minimum 95%, wherever applicable, failing which the necessary penalty measures shall be enforced.
10. The J.N. Medical College Hospital, AMU, Aligarh shall have the right to inspect and/or to test the goods to confirm their conformity to the NIT Specifications at no extra cost to the Purchaser. Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh, shall be the final authority to reject full or any part of the supply which is not conforming to the specification and other terms and conditions. No payment shall be made for rejected Stores. Rejected items must be removed by the Bidders within two weeks of the date of rejection at their own cost and replaced immediately. In case these are not removed, the same will be auctioned at the risk and responsibility of the suppliers without any further notice.
11. The bidder shall provide a list of major Government and Private Institutions where its relevant bid item has been supplied during last two years.
12. The bidder (if not original equipment manufacturer must submit Original Equipment Manufacturer authorization certificate that the tenderer is authorized for selling and maintain the equipment quoted for.
13. The bidders are required to submit user certificate for satisfactory performance of the relevant equipment on the letter head of the institution (Government/ Private).

14. The bidders are required to submit order copies of the supply of the equipment in Government Institutions in last 24 months for rate reasonability purpose.
 15. The supplier shall make arrangements for insuring the goods against loss or damage incidental of manufacture or acquisition, transportation, storage and delivery. If the equipment is not commissioned and handed over to J.N. Medical College Hospital, AMU, Aligarh, within specified period, the insurance will have to be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the J.N. Medical College Hospital, AMU, Aligarh.
 16. The bidder supplying equipment/goods or already imported goods shall quote the price only in Indian Rupees. Further, imported goods to be imported and supplied by the bidder are also required to be quoted in Indian Rupees and F.O.R JNMC Hospital.
 17. Please mention CGST/SGST or other taxes clearly & separately which will be payable on the goods in India.
 18. The price of Annual CMC Financial Bid after warranty period must be mentioned clearly.
 19. 100% payment of the total order value shall be released only after the successful installation/Commissioning of the ordered goods/equipment against the submission of the inspection report. No advance payment is possible.
 20. The Tenderers must quote for **05 years** comprehensive warranty including all Spares, Accessories and Labour) from the date of completion of the satisfactory installation. The warranty charges shall not be quoted separately. Also the bidders are requested to submit their quote (Rates) for subsequent **05 years** Comprehensive Maintenance Contract(CMC) (Including All Spares, Accessories and Labour). **Warranty must be clearly defined to the points, about what will be covered during 05years of warranty.**
 21. The successful bidder has to submit the performance security @5% of the value of the contract. The performance security be furnished in the form Demand Draft/Fixed Deposit/Bank Guarantee within 15 days from the date of award of this tender in favour of Finance Officer, AMU, Aligarh, drawn on any Nationalised/scheduled bank payable at AMU., Aligarh only. The performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
 22. During the comprehensive warranty period, the guarantee up time of 95% of 365 days will be ensured. In case the down time exceeds the 5% limit penalty of extension of warranty period by two days for each additional day of down time will be forced. The vendor must undertake to supply all spares for optimal up keep of the equipment for at least FIVE YEARS after handing over the unit to the Institute. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the Institute if required.
 23. The principal or their authorized service providers are required to submit a certificate that they have satisfactory service arrangement and fully trained staff available to support the uptime guarantee.
 24. Arbitration: If any difference arises concerning this agreement, its interpretation on payment to the made there- under, the same shall be settled out by mutual consultation and negotiation. If attempts for conciliation don't yield any result within a period of 30 days, either of the parties may make a request to the other party for submission of the dispute for decision to the sole arbitrator i.e. Vice-Chancellor, AMU, Aligarh, or his nominee. The decision of the sole arbitrator shall be binding on parties. The venue of arbitrator will be at Aligarh.
 25. Subletting of Work: The firm shall not assign or sublet the work/ job or any part of it to any other person or party without having first obtained permission in writing of J.N. Medical College Hospital, AMU, Aligarh, which will be at liberty to refuse if thinks fit. The tender is not transferable. Only one tender shall be submitted by one tenderer.
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26. Breach of Terms and Conditions: In case of breach of any terms and conditions as mentioned above, the Competent Authority will have the right to cancel the Purchase order/work order/ job without assigning any reason thereof and nothing will be payable by J.N. Medical College Hospital, AMU, Aligarh, in that event the security deposit shall also stands forfeited.
27. In solvency etc: In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions here in specified, the Medical Superintendent, J.N. Medical College Hospital, AMU, Aligarh shall have the power to terminate the contract without any prior notice.
28. Bidder shall submit a copy of the tender document and addenda thereto, if any, with each page of this document should be signed and stamped to confirm the acceptance of the entire terms & conditions as mentioned in the tender enquiry document.
29. The quantity of item given in the tender is tentative, which may be increased or decreased as per the requirement of the hospital.
30. Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature must be enclosed with the bid.
31. Conditional bid will be treated as unresponsive and it may be rejected.
32. Demonstration: The J.N. Medical College Hospital, AMU, Aligarh reserves the right to ask the renderer for arranging demonstration of their equipment for which rates have been quoted to the concerned committee, if required.
33. The hospital reserves the right to accept in part or in full or reject any or more tender(s) without assigning any reasons or cancel the tendering process and reject all tender(s) at any time prior to award of contract, without incurring any liability, whatsoever to the affected bidder or bidder(s).
34. Applicable Law:
 - The contract shall be governed by the laws and procedures established by Govt. of India within the framework of applicable legislation and enactment made from time to time concerning such Commercial dealings/processing.
 - Any disputes are subject to exclusive jurisdiction of Competent Court and Forum in Aligarh Uttar Pradesh, India only.
 - The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Aligarh. The decision of the Arbitrator shall be final and binding on both the parties.


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




Annexure-I**TECHNICAL BID**

Name of Firm/Contractor/Supplier	
Complete Address & Telephone No.	
Name of Proprietor/Partner/Managing Director/Director.	
Phone No:- Mobile No:- Email Id:-	
Name and address of service centre nearby J.N. Medical College Hospital, AMU, Aligarh	
Whether the firm is a registered firm Yes/No (attached copy of certificate).	
PAN No. (enclose the attested copy of PAN Card).	
Service Tax No. (enclose the attested copy of Service Tax Certificate).	
GST No. (enclose the attested copy of CGST/SGST Certificate).	
Whether the firm has enclosed the Bank Draft/Pay Order/Banker's cheque of Earnest Money Deposit.	
Whether the Firm/Agency has signed each and Every page of Tender/NIT.	
Please provide full list of consumables.	
Any other information, if necessary.	

Authorized signatory of the bidder with seal.

Annexure –II
MANUFACTURER’S / PRINCIPAL’S AUTHORIZATION FORM

TO,
Medical Superintendent
JN Medical College Hospital
A.M.U. Aligarh.

Sir,

TENDER:

We,,who are

Established and reputable manufacturer of, having

Factories at.....and.....hereby

Authorize M/s(name and address of agents)

to bid, negotiate and conclude the contract with you against Tender

No.....for the above goods manufactured
by us. No. Company or firms or individual other than M/s

.....are authorized to bid, negotiate and conclude the contract
in regard to this business against this specific tender.

We hereby extend our full guarantee and warranty as per the conditions of tender for the
goods offered for supply against this tender by the above firm.

The authorization is valid up to.....

Yours faithfully,

(Name)

For and behalf of M/S
(Name of manufacturer)/Principal