

D.No. 1064/MCH

Date - 25/09/2018

RE-ADVERTISED TENDER ENQUIRY

FOR PURCHASE OF

Advance Dual-Energy X-Ray Bone Densitometer

at

**Jawaharlal Nehru Medical College Hospital
AMU, Aligarh.**

NIT Issue Date : 25-09-2018
NIT No. : JNMCH/ Endo/09/2018-19
Last Date of Submission : 16-10-2018 at 01:00 PM
Bid Opening : 17-10-2018 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.

email: jnmedicalpurchase@gmail.com


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 **Advance Dual-Energy X-Ray Bone Densitometer** 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. The Bids in sealed cover-I containing "Technical Bid" and sealed cover-II containing "Financial Bids" separately mentioning Tender No. JNMCH/ Endo/09/2018-19 on or before 01:00 PM on 16.10.2018. 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	Advance Dual –Energy X-Ray Bone Densitometer	01	Rs.50,000.00

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 17.10.2018 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.

Specifications of Advance Dual-Energy X-Ray Bone Densitometer

A	Scanner Hardware and acquisition Technology
1	Isocentric or Linear fan beam acquisition
2	Energy switching technique
3	Internal reference system for pixel by pixel data calibration (no daily calibration required)
4	Multi-element solid detector array, at least 16 detectors
5	Oil cooled/air cooled high capacity X ray tube
6	Computer aided re-positioning
7	Cross hair style laser for patient positioning
8	High scan table for easier patient accessibility
9	Controls on C-arm or on the side of patient table for user convenience
B	Quality Assurance
1	Automated daily procedure
2	Multiple system check with pass/fail results
3	Whole body research phantom for quality assurance. Also quote small animal phantom or equivalent for small animal studies is mandatory.
4	Automated trending graph of QA variable
5	Should have provision to print QA result
6	Radiation Dose: Scatter dose less than 0.1 cGy/hr at 1 meter
C	Clinical Applications
1	Facility for supine or decubitus positions
2	Second spine and hip scan acquisition
3	Express exam productivity toll or express exam protocol grouping programme
4	Patient call back list
5	Greater than 1.0% in vivo precision
6	L1-L4 standard spine analysis
7	L1-L4 standard spine analysis (Trochanteric, Trochanteric, Ward Triangle)
8	Automated dual femur
9	Onscreen help graphically display proper patient positioning
10	Automated BMD spine and hip analysis
11	Scoliosis spine analysis
12	Paediatric spine and hip and whole body analysis
13	Whole body analysis
14	HD IVA or IVA or Equivalent vertebral analysis
15	Small animal
16	Infant
17	Body composition
18	Paediatric Whole Body
19	Fracture risk indication with IVA
20	Hip structure analysis (HAS)
21	Standardize BMD reporting
22	Single/dual energy image display
23	Context sensitive help software
24	Serial scan comparison
D	Connectivity/Reporting Tools
1	Reporting software with fracture risk indication
2	Standardized BMD reporting
3	Extended spine reporting
4	Extended proximal femur rate of change reporting
E	Reference Data
1	Reference data n>8000
2	Default NHANES III Standardized database
3	Age, Sex and ethnic matched reference data
F	Computer Hardware
1	APEX/Windows based operating system
2	4 GB RAM minimum

3	ITB Hard drive recommended
4	CD R/W Drive
5	128MB video board
6	Network interface card
7	High resolution monitor
8	Laserjet color printer along with extra consumable. Price to be fixed for 5 years.
G	Weighing scale & height measurement device to be supplied
H	Suitable Online UPS with 30 min backup for the entire system including computer and printer
I	Quoted model should be US FDA approved
J	Site Modification Works
a)	Bidder to execute site modification works in a area approx. 300 sq feet as per AERB norms
b)	Bidder should assist institute in getting AERB site approval
c)	The payment shall be made as per the actual work done
	Name of the Particulars Qty
1	Air conditioning form room and equipment – suitable AC unit or package unit – 1
2	Electrical work including general electrification and control panel for equipment (IF required)
3	Any other miscellaneous work if necessary for successful installation and commissioning of the DEXA Scanner - LS

