

Notice Calling for Quotation/Tender

OFFICE OF THE SUPERINTENDENT
J.N. MEDICAL COLLEGE HOSPITAL
ALIGARH MUSLIM UNIVERSITY,
ALIGARH

No. Ext 5626 /MCH

Dated 31.12.15

M/s.....

.....

.....

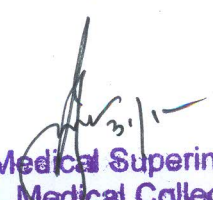
Sealed Quotations/Bids (One Technical and One Financial separately) are invited from manufacturers or their authorized dealers for the following equipments which should be sealed by the tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions printed on Page No. 3.

Quotations should reach this office on or before 12.01.2016 by 03:00 P.M.

Lock In Specification of Computed Radiography System

- System must achieve minimum 40 plates/hour or more for the cassette size 35 x 43 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 scan speed in future.
- Monitor can be any of the ones available as std LCD, LCD or Touch screen
- Monitor resolution must be at least 1280 x 1024
- Imaging plates must be flexible type
- System must offer the capability to read plates 35 x 35 and 35 x 43 cm with pixel pitch smaller than 100 microns (<10pix/mm)
- Gray scale resolution for image acquisition before processing must be 16 bit.
- Gray scale resolution for post processed images must be at least 12 bit.
- Cassettes and imaging plates must be available in various sizes.
- System is capable of reading QR codes to acquire patient ID.
- System allows to associate patient ID with cassettes through a barcode reader or RF device.
- Image processing algorithms are based on multifrequency 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 PACS through Dicom Store.
- System must be capable to print to dry laser printers through Dicom Print.
- System must be able to acquire worklist from existing HIS/RIS.
- System must be able to burning patient images on CD/DVD.
- System must be able to remove grid lines from 103 lpi static grids.
- System must be capable of running a QA/QC test to verify performance.
- A statistical report must be generated to track repeat exams, dose etc.
- Images can be freely rotated.

Continued on Page No. 02


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

