

Notice Calling for Quotation/Tender

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

No. Ext³¹⁹...../MCH/SHAKEB

Dated ^{09/06/2018}

M/s.....

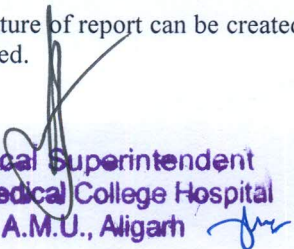
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Sealed Quotation/Bids (one Technical and one Financial separately) are invited from Manufacturer or their authorized dealers for the following items which should be sealed by the tenderers in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover, which should also be sealed and duly super scribed, on the terms and conditions as mentioned on Page No.2

Quotation should reach this office on or before 25/06/2018 by 12:00 Noon.

Specification of Computed Radiography System

- System must achieve minimum 30 plates/hour or more for the cassette size 35x43cm.
- 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 1280x1024.
- Imaging plates must be flexible type.
- System must offer the capability to read plates 35x35 and 35x43cm 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 associate patient ID with cassette through a bar code reader or 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 PACS through Dicom store.
- System must be capable to print to dry laser printer through Dicom print.
- System must be able to acquire worklist from existing HIS/RIS.
- System must be able to burn patient image on CD/DVD
- System must be able to remove grid lines 1031Pi static grids.
- System must be capable 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 from various media type such as USB Sticks, CD rooms etc.
- System must be allowed to create Annotations or images.
- System must make available advance measurement tools such as length, angle, Cobb angle, cardio thoracic area, etc.
- Cine loop feature must be made available to review images from modalities such as US, CT, MR.
- Patient list can be created either from 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 from the main workstation or from any web client remotely connected.

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

