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 1280×1024.
- Imaging plates must be flexible type.
- System must offer the capability to read plates 35x35 and 35x43cm with pixel pitch smaller than 100micron (<10ppi/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 of 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 form existing HIS/RIS.
- System must be able to burning patient image on CD/DVD
- System must be able to remove grid lines 1031P 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 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 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 database along with images.
- System should have optional feature of report can be created either form the main workstation or from any web client remotely connected.

Continued on Page no. 02
• System must offer the capability to acquire image from modalities as CT, MR, US, etc., review then store them.
• The system doesn’t give any limitation as far as the number of modalities that can receive image from.
• System create a vendor neutral exposure index value for each image.
• System should offer a broad selection of formatted pages while printing including Asymmetric templates.
• Image 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 offer the capability, to crop images, zoom and print.
• System has the capability to connect to existing RIS/ HIS system and communicate through HL 7 protocol.
• System encrypts images for transmission to a remote workstation to avoid the use of VPN.
• System should have optional facility to view image on an 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 drawer 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 325dpi/ ppi or more standard for all types of DICOM images printing.
• Printer must use day light film box loading technology.

Terms & Conditions:
1. Make, Model, Rate, Warranty & GST detail MUST BE Clearly mentioned in the quotations.
2. Only typed quotations/tenders bearing GSTIN No. on original letter head will be entertained and please provide GST-HSN code on each item separately.
3. Manufacturers/ Authorised dealer’s certificate must be attached with the quotations/Tenders.
4. Cutting/over writing on quotations/tenders will not be accepted.
5. The firm must be registered with Directorate General of Supplier and Disposals (DGS&D) or in Central purchase office A.M.U Aligarh.
6. List of users for the quoted item with contact no. should be provided Photocopy of purchase order along with terms and conditions of contract received from any Govt/Public sector institution in last 2 years for supply of offered equipment must be enclosed with the price bid.
7. Installation and Commissioning will be the responsibility of the supplier & after sale service should be provided.
8. The Instruments/Equipment should be rust proof, made from surgical grade stainless steel and should be US FDA/ CE European approved product.
9. The Instruments/Equipment might be called for demo, and approval. It is sole discretion of the department to approve or disapprove the quality.
10. Comprehensive onsite warranty 05years & detail after sale service backup in warranty period must be clearly mentioned.
11. The Rate of CMC for 2years must be provided separately after warranty.
12. The payment shall be made against bill and satisfactory installation. No advance payment is possible.
13. The authorized dealer certificate must be attached with tenders/quotations.
14. Inclusive GST rates will not be accepted and tender/Quotations will be cancelled.
15. The rate must be quoted in Indian rupees and F.O.R JNMC Hospital.

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