



Notice Inviting e-Tender

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PROCUREMENT OF MEDICAL EQUIPMENT FOR MEDICAL COLLEGES AND HOSPITALS
(GROUP 3)

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-52/2019

Dated –18.06.2019

(2nd call of Bid Reference No.: WBMSCL /NIT-217/2018, Dated –12.10.2018)

The following amendment has been made in the tender document,

Amendment – 1

Schedule VII

| COMPUTARIZED RADIOGRAPHIC (CR) SYSTEM WITH PRINTER | |
|--|-----------------------------------|
| PARAMETER/ FEATURE | Threshold Limit/ Range |
| IMAGE READER CR READER /DIGITIZER | |
| Throughput (number of image processing) per hour with image plates (14 x 17 inches) at resolution of 10 pixel per mm | 60 or more |
| Minimum resolution for images sent in CR processing station in bits per pixel | 12 or more |
| Capable of reading mammo cassette at resolution in pixel/ mm | 20 or more |
| IDENTIFICATION AND CR PROCESSING WORKSTATION | |
| RAM in GB | 4 or more |
| HDD (in raid configuration) in TB | 2 |

| | |
|---|------------------|
| Monitor size (diagonal) in inches | 19 or more |
| IMAGE RECORDING SYSTEM | |
| Available cassette size 35cm×43cm. or 14"×17"- 4 nos | |
| Available cassette size 24cm×30cm or 10"×12"-2 nos | |
| Available cassette size 20cm×25cm or 8"×10"-2 nos | |
| Mammographic Cassette- 24cm×30cm – 2 nos | |
| Handle phosphor image plates | |
| DRY IMAGER | |
| Speed to print largest size film in number of films /HR | 70 or more |
| Spatial resolution with 2 trays online in DPI | 500 or more |
| Contrast resolution in bits/pixel | 14 or more |
| Film sheet to be supplied with the machine free of cost for sizes 8"×10", 10"×12" | 100 each or more |
| MUST HAVE SPECIFICATION | |
| PARAMETER/ FEATURE | YES/ NO |
| IDENTIFICATION AND CR PROCESSING WORKSTATION | |
| Display of aquired images with greater display of demographics | |
| POST PROCESSING FEATURES | |
| Geometric corrections | |
| Window level algorithms | |
| Annotation like markers | |
| Predefined text | |
| Drawing lines | |
| Geometrical shapes | |
| Multiscale image processing | |
| Measuring distance and angles | |
| Shuttering histograms | |
| Zoom | |
| Grayscale reversal | |
| Edge enhancement | |
| Noise reduction | |
| Indication of gray scale saturation level | |
| Lattitude reduction | |
| Ability to send DICOM images to DICOM work station or PACS | |
| Facilitate full fledged DICOM printing | |
| Equipped with DICOM CD writer | |
| Ability to store images on external devices like CD or pendrive etc. | |
| DRY IMAGER | |
| DICOM 3.0 compatibility | |
| Online trays : 2 | |
| QUALITY STANDARDS & SAFETY CERTIFICATION | |
| US FDA or European CE approved | |