Computed Radiography (CR) System						
S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet				
	Computed Radiography (CR)System	Yes	No	Page No. in Catalogue	Remarks	
	Manufacturer					
	Brand					
	Type / Model					
	Country of Origin					
1	Description of Function					
1.1	Radiography system to replace conventional Film/Screen based X-Ray processing techniques with photo stimulable Phosphor Plate technology to obtain digital X-ray images.					
2	Operational Requirements					
2.1	The system shall be able to record X-Ray images on Imaging Plates (IP)					
2.2	Convert these images from the IP into digital values and transfer these values to an image evaluation computer with Predefined Image Processing Parameters.					
2.3	Operationally and functionally equivalent to and better than the present film based System.					
3	System Configuration					
3.1	Image Reader system: 01					
3.2	CR Workstation and archiving system: 01					
3.3	Dry Laser imaging printer and Double tray type :01					
3.4	3kva Online UPS : 01					
4	Technical Specifications					
	Image Reader					
4.1	IP processing rate minimum 70 films/hr or more					
4.2	Scanning mechanism to read, erase and Process the images from the imaging plate. (IP)					
4.3	Panel for indicating online status of the CR Reader in case of machine malfunction					
4.4	Emergency Mode for accepting exposed cassettes without patient demographics for casualty trauma work flow requirements					
4.5	Verification of the connectivity status of configured image destination					
4.6	Spatial resolution of digital image 5-10 pixels/mm.					
4.7	CR system should have data acquisition of 12 bits or more					
4.8	CR system should have the capability of Processing the cassettes both in standard and high speed mode.					
5	CR Workstation:					
5.1	Capable of Archiving and printing selected images to a standard DICOM destination in DICOM 3.0 format					
5.2	Storing images in the local disk for Predefined Period.					
5.3	Sorting of patient image based on name, date, room etc.					

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10	Operating Environment				
S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet			
	Computed Radiography (CR)System	Yes	No	Page No. in Catalogue	Remarks
10.1	The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.				
10.2	Power supply: 220 - 240 VAC, 50Hz fitted With appropriate plug.				
11	**Standards and Safety Requirements**				
11.1	Must submit ISO13485:2003/AC:2007 for Medical Devices				
11.2	CE (93/42 EEC Directives) approved product certificate.				
12	**User Training**				
12.1	The Supplier shall conduct user training by trained biomedical engineers only for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks And maintenance expected by users.				
13	**Warranty**				
13.1	Comprehensive warranty for 24 months After acceptance.				
14	**Maintenance Service During Warranty Period**				
14.1	During warranty period supplier must ensure preventive maintenance & corrective/breakdown maintenance whenever required				
15	**Installation and Commissioning**				
15.1	The bidder must arrange for the equipment to be installed by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.				
16	**Documentation**				
16.1	User (Operating) manual in English				
16.2	Service (Technical / Maintenance) manual In English.				

Bidder must completely fill the technical specification from (TSF). Only yes/No/all compiles should not be written. Page number in the catalogue of al the required parameters must be clearly mentioned any highlighted, remarks to be provided if no page no is mentioned and also must submit original technical brochure. Failure in doing to may lead to rejection.

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