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Technical Specification of Flat Panel Digital detector		
S.N	Purchase Specifications	Bidder Remarks
	Flat Panel Detector	
	Country of Origin:	
	Manufacturer:	
	Model No:	
	Brand:	
1	Technical Specification:	
	The Flat Panel should be a Retrofit Solution and capable to work with any of the X-Ray available in Department.	
	Amorphous Silicon (ASi) flat panel detector	
	Direct Deposition Cesium Iodide CSI or GOS Scintillator	
	Lossless AED (automatic exposure detection)	
	Portable wireless approx. 14x17 inches size detector	
	The detector should be light weight (less than 3.0Kgs)	
	Detector should have protected against spraying of water.	
	Should have spatial resolution of 3.3IP/mm or better.	
	The Pixel pitch should be 150μ or lesser	
	The resolution should not be lesser than 2336 x 2836 pixels	
	Should have a minimum image depth of 16 bit.	
	The Detector should have replaceable Lithium Polymer or ion battery.	
	The Detector should have detector wired charge directly.	
	The Detector should be able to withstand surface load of 150kg or more	
	The Detector should be supplied with additional safety cover with Integrated Handle for safe & easy movement of detector with in Hospital.	
	Easy switch from sleep mode to acquisition mode for better battery performance	
	The Battery Charger should have facility to charge two batteries simultaneously	
	Software should have DICOM & PACS connectivity as a standard feature	
2	Workstation: should be supplied with the following configuration	
	CPU – Intel i3, RAM – 8GB, HDD – 200GB, OS Window 7/10 Pro 32/64 bit	
	Display Monitor: at least 24" size; 1900 x 1080 Pixels	
4	Standards and Safety Requirements:	
	Must submit ISO13485:2003/AC:2007 for Medical Devices AND EUROPEAN CE (93/42 EEC Directives) and USFDA approved product certificate	
5	Accessories and spare parts and consumables	
	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).	
6	Operating Environment:	
	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.	
	Power supply: 220–240V AC, 50Hz fitted with appropriate plug type. The power cable must be at least 3 meter in length	
7	User Training:	
	Must provide user training (including how to use and maintain the equipment).	
8	Warranty:	
	Comprehensive warranty for 1 years after acceptance	
9	Maintenance Service During Warranty Period:	
	During the warranty period supplier must ensure preventive and corrective/breakdown maintenance whenever required.	
10	Installation and Commissioning:	
	Supplier must accomplish proper installation and commissioning of the equipment on site.	
11	Documentation:	
	User (Operating) manual in English	
	Service (Technical/ Maintenance) manual in English	
	List of important spare parts and accessories with their parts	