

### RA Document

RA Details	
RA Technical End Date/Time	16-07-2020 14:00:00
RA Opening Date/Time	16-07-2020 14:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Gujarat
Department Name	Health & Family Welfare Department Gujarat
Organisation Name	N/a
Office Name	Health Branch District Panchayat Junagadh
Total Quantity	1
Item Category	COMPUTED RADIOGRAPHY SYSTEM
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Inspection Required	No

### EMD Detail

Required	No
----------	----

### ePBG Detail

Required	No
----------	----

### Splitting

RA splitting not applied.

### COMPUTED RADIOGRAPHY SYSTEM ( 1 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
---------------	--------------------	--------	----------------------------------

TYPE	<b>Type of computed radiography (CR) System</b>	Single Loading computed radiography System (SLCRS)	Single Loading computed radiography System (SLCRS), Multi Loading Computed Radiography System (MLCRS)
COMPATIBILITY	CR System compatible with standard X-ray Machine consisting of Digitizer Patient Identification System, Preview And Processing Server with Workstation	Yes	*
	C R System to be supplied with compatible Cassettes & Imaging Plates for Recording	Yes	*
ACCESSORIES FOR MULTI LOADING CR SYSTEM	<b>Imaging plate and Cassette (dimensions in inch x inch) set offered with Multi loading computed radiography system</b>	14x17, 14x14, 10x12, 8x10 sizes-Img.Plate & Castt.-6 units each, 8x10, 10x12 sizes-Img.Plate & Mammo.Castt-3 units each	14x17, 14x14, 10x12, 8x10 sizes-Img.Plate & Castt.-3 units each, 8x10, 10x12 sizes-Img.Plate & Mammo.Castt-2 units each, 14x17, 14x14, 10x12, 8x10 sizes-Img.Plate & Castt.-6 units each, 8x10, 10x12 sizes-Img.Plate & Mammo.Castt-3 units each, 14x17, 14x14, 10x12, 8x10 sizes-Img.Plate & Castt.-9 units each, 8x10, 10x12 sizes-Img.Plate & Mammo.Castt-4 units each, NA for Single loading CR System
ACCESSORIES FOR SINGLE LOADING CR SYSTEM	<b>Imaging plate and Cassette (dimensions in inch x inch) set offered with Single loading computed radiography system</b>	14x17, 10x12, sizes-Img.Plate & Castt.-3 units each	14x17, 10x12, sizes-Img.Plate & Castt.-3 units each, 14x17, 10x12, sizes-Img.Plate & Castt.-6 units each, 14x17, 10x12, sizes-Img.Plate & Castt.-9 units each, NA for Multi Loading CR System
IMAGE READER	For the largest Imaging plate/Cassette size, the Images Reading (CR Reader) / Digitizer is able to process >=	30 Imaging Plates/hour (for offered single loading computed radiography system)	*
	CR Reader/Digitizer	Yes	*

	should have Pre-set Anatomical Processing facility, acquisition and Image transfer at a resolution 12 Bits/pixel		
	CR Reader/Digitizer should have Status Display facility preferably on a LCD Display Indicating Error Status etc	Yes	*
	CR Reader/Digitizer should have Scanning Resolution of (5-10 Pixels/mm Or More)	Yes	*
	CR Reader/Digitizer should have ability to route Images To Multiple Destinations Like Work Stations, Dry Camera etc	Yes	*
	If multi loading computerised system, CR Reader/Digitizer to be supplied along with an Input and Output Cassette Buffer/stacker for $\geq 4$ Cassettes each	Yes	*
	CR Reader/Digitizer should have a scanning resolution	$\geq 5-10$ Pixels/mm for General Cassette Reading for the offered single loading radiography system.	*
CENTRALISED PATIENT STUDY MANAGEMENT (CPSM) UNIT	Processing Server And Workstation With 21 Inch LCD Monitor for Centralized Patient Study Management (CPSM) unit	Yes	*
	CPSM unit should have features: (i) Work Station must be able to receive CR Images From Digitizer (ii) DICOM Ready For Sent, Receive And Print Facility Protocol	Yes	*
	CPSM unit should have features: (iii) Possible To Multi-formatting The Images On Film For Printing (iv) 21 Inch LCD Monitor For Patient	Yes	*

Study Management (v) Possible To Write Images On A CD/DVD		
CPSM unit should have features: (vi) Ready To Accept Images From Work List And Patient Data And Images Another RIS/HIS (DICOM PROTOCOL) (vii) Black Border Facility	Yes	*
CPSM unit should have features: (viii) Software For Printing And To Create Various Film Layouts And Multiple Formats On Single Film For Optimum Utilization Of Film And Presentability	Yes	*
CPSM unit should have The Capability To Customise User Defined No of Formats And Layouts On The Single Film	Yes	*
CPSM unit should have capability of Printing the Zoomed Image along with The Overview of the Main Image on same film	Yes	*
CPSM unit should have capability of Printing Multiple Patient Images on one Film And Multiple Images of same Patient on One Film	Yes	*
CPSM unit should have features: Image Gray Scale Reversal, Image Flipping And Rotating, Image Zooming	Yes	*
CPSM unit should have features: Edge Enhancement, Latitude Reduction, Image Noise Reduction, Gray Scale Saturation Feedback	Yes	*
CPSM unit should have provision For Adding	Yes	*

	Markers		
	Patient Identification/ Preview (i) Separate Or Inbuilt Patient Identification System (ii) Cassette Identification And Demographics Should Be Standard (iii) It Should Be Possible To Identify The Multi X-ray Units Separately	Yes	*
	DRY IMAGER	Yes	*
	Dry Imager (For Film Printing) to be supplied with offered Single /Multi loading CR System, should be with a Spatial Resolution $\geq 500$ PPI/DPI, Contrast Resolution of $\geq 12$ Bits/Pixel, Preferably with Standard Film Sorter at the Output for sorting the Films Bases On Modality Connected Access Time For First Film Should Be 90 Seconds Or Less The Dry Imager should be DICOM Compatible for Receive Sent And Print Facility and it should allow (for multi loading CR System) at least Allow Three Sizes From the Five Sizes To Be Loaded at Any Time Printer Status Should Be Displayed For Any Error Status Etc	Yes	*
	Dry Imager should be with Preferably with Standard Film Sorter at the Output for sorting the Films Bases On Modality Connected Access Time For First Film Should Be $\leq 90$ Seconds	Yes	*
	Dry Imager should be DICOM Compatible for Receive Sent And Print Facility, Printer status should Be Displayed For Any Error Status	Yes	*

	Etc		
	Dry Imager should allow (for MLCRS) $\geq 3$ sizes from the 5 Sizes to be loaded at any time	No, SLCRS offered.	*
	Number of online sizes (at least) out of 8 x10, 10x 12, 14x 14, 14x17 sizes, available in the Dry Imager	2 online sizes for offered single loading computed radiography system	*
	For the largest size, Dry Imager (For Film Printing) have a normal through put (Films Per Hour) of at least of	$\geq 30$ for offered single loading computed radiography system	*
CONNECTIVITY & SCALABILITY	Interconnectivity Between Various CR Modules Should Be Ethernet Based	Yes	*
	Scalability : The CR System Should Have Scope Of Adding Advanced Quality Software For Image Processor, Workstations Connectivity To Any DICOM Archive Or Image Management Systems (PACS)	Yes	*
ADVANCED QC VIEWER	Advanced QC Viewer shall be with 19 Inch High Resolution Medical Grade Monitor for reviewing of the Images	No	*
	Advanced QC Viewer should be a separate Module For being able to be kept away From The Digitizer/ CR Reader In the room of choice	NA-Advance QC Viewer Not offered with CR System	*
	Advanced QC Viewer should have features; (i) Window leveling, Annotation, Printing, Rotating, Flipping, Panning, Zooming All Image Post Processing	NA-Advance QC Viewer Not offered with CR System	*
	Advanced QC Viewer should have features;	NA-Advance QC Viewer Not offered with CR	*

	(ii) Should Have Hospital Information System (HIS) Connectivity (iii) There Should Be Provision For Adding Marker On The Film	System	
	Advanced QC Viewer should have features; (iv) It should be possible To Write Images On A CD/DVD:	NA-Advance QC Viewer Not offered with CR System	*
POWER BACK UP	The Entire Equipment Should Be Supplied With UPS of The Required Rating And Sufficient To Provide At Least 30 Minutes Back Up For The Whole System	Yes	*
CERTIFICATION	Should be US FDA / CE (European) /BIS approved product OEM should have ISO certificate for quality standard	Yes, USFDA approved, Yes, CE(European) approved	*
	Copy of US FDA / CE (European) /BIS approval to be kept in Seller online locker and also made available to buyer on demand Please specify link to document in Seller Locker	-	*
	Availability Of Type Test Reports(TTRs) of The Product From Central Govt/NABL/ILAC Accredited Lab Showing Compliance To The Specification	No	*
	Test Report No	-	*
	Test Report Date	-	*
	Name Of The Labs	-	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### **Additional Specification Documents**

#### **Consignee/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	Radadiya Harsukhbhai Fulabhai	362001,HEALTH BRANCH DISTRICT PANCHAYAT OPPOSITE SHASHI KUNJ NEAR SARDAR BAUG	1	30	N/A

## **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods

[This RA is also governed by the General Terms and Conditions](#)

**---Thank You---**