Dr. Borooah Cancer Institute
A Grant-in-aid institute of Department of Atomic Energy , Govt. Of India
And a unit of Tata Memorial Centre (Mumbai)
Gopinath Nagar, Guwahati-781016
Procurement Department

Annexure- V

Sl. No. for Tender Bid	Technical Specifications of tender	Amendment Requested	Revised Technical Specifications
B Software Point No 4	The system should support unlimited reporting (2D viewing as well as 3D)concurrent users and unlimited WEB Clients. The web clients should cater to the users with in the hospital (like outpatient rooms and OT) and outside the hospital.	For remote viewing; Infra would be provided by the customer	Accepted, Specification can be read as, The system should support unlimited reporting (2D viewing as well as 3D)concurrent users and unlimited WEB Clients. The web clients should cater to the users with in the hospital (like outpatient rooms and OT) and outside the hospital - **For outside report viewing Public IP will provide by BBCI**
B Software Point No 16	The system should be capable of showing images on a mobile devices (Android and iOS)	System is capable, does it required now or future requirement, if now than how many users would access over mobile,	Accepted, Specification can be read as, The system should be capable of showing images on a minimum 50 Nos users mobile devices (Android and iOS) - On demand we may add users - without any additional cost from vendor.
B Software Point No 34	PACS must have dictation option for reporting.	License and hardware would required. How many users for VR software, Do you need Speech Mike also if yes how many?	This point is omited
B Software Point No 43	The documet scanner shall be integrated with RIS		2 Nos of document scanner (Digitiser) need to integrate with PACS system.
C Hardware Point No 9	9. OEM should have minimum 3 service centers with proof of existence in Assam/Northeast.	In case Onsite service is being offered, is it mandatory that local service centre should be there?	Accepted, Specification can be read as,OEM should have minimum 1 service centers with proof of existence in Assam/Northeast.
D Diagnostic Display system Point 11	24 inch or more Display should have DICOM calibrated luminance of 250cd/m2 & Maximum at 500cd/m2 with contrast ratio 1800:1	In the specified display size (24 Inch), Maximum 600cd/m, DICOM 350cd/m2, Contrast ratio is 1000:1 Contrast Ratio 1800:1 Available in a different size i.e. 21.3 inch	Accepted, Specification can be read as,24 inch or more Display should have DICOM calibrated luminance of 250cd/m2 & Maximum at 500cd/m2 with contrast ratio 1000:1

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E Server	Server (HA - Intel Xeon Silver 4410 or higher)	Server Specifications Number of Hosts = 2 CPU = 2 x 40Cores HA - Upto 1 Host Failure RAM Per Server - 596GB 2 x 10 Gig Network Ports & 4 Port FC Ports in Each Server Recommended Servers 3, because 80 core is too high for one server. 160 core (for total 2 servers) to be split into 3 servers. ** * To be provisioned by Customer VMWare Edition for Virtualisation VMWare essentials plus kit 6 Processors License GPU for 3D Nvidia - 2Qty 8 GB or more on 2 servers Windows OS 2022 Windows 2022 Standard - 240* 2 Cores Pack SSL Certificate Required in the name of Domain Controller - Wildcard for https and VR	Accepted The specification can be read as, Intel Xeon Gold 6342 or higher (24 cores each) Number of Cores per Processor :- 24 Core or Higher Memory - 256GB or higher 2 port 32Gbps FC adapter SATA Storage - 9TB or higher Software is from vendor scope
H TERMS AND CONDITIONS Point 6	CMC: (8) Eight years after warranty, inclusive of all parts /components, all items supplied with the unit.	(2+5) 7 Years is normally end of Hardware life, Pls keep max 7 years AMC	The specification can be read as, Specification can be read as, 3 years Comprehensive warranty & 4Years CAMC
A Scope of Work Point 3	Scope of work - The PACS system should support unlimited number of users and 10 number of advance visualization software/post processing	We request you to kindly modify this point as "The PACS system should support unlimited number of users and 10 number of Basic advance visualization software users and 2 concurrent users for advance applications.	Accepted, Specification can be read as, The PACS system should support unlimited number of users and 10 number of Basic advance visualization software users and 2 concurrent users for advance applications.
A Scope of Work Point 9	The PACS system should comply with VNA standard	We request you to kindly ask for VNA solution as well. Long term data would be archived in VNA	Accepted, The PACS system should support with VNA standard
A Scope of Work Point 6	Document: pacs_2023-10-31-15-07-14 Page – 1, Point No 6 RIS PACS and 3D software should be from same OEM	Primary bidder should be PACS Manufacturer. Third party 3D software is allowed. Primary bidder should take all responsibility of 3D party products.	No Change

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<u>Sub:</u> **Corrigendum against PACS - RIS System**
<u>GeM Bid No:</u> **GEM/2023/4153107**

Sl. No. for Tender Bid	Technical Specifications of tender	Amendment Requested	Revised Technical Specifications
A Scope of Work Point 9	Document: pacs_2023-10-31-15-07-14 Page – 2, Point No 9 The PACS system should comply with VNA standards.	The PACS system should have USFDA VNA	No Change
A	RIS, but a full RIS is not required as of today as we have discussed in the Pre-Bid meeting. Only limited features required which are mentioned below :-		
	1) MIS reporting through Excel and graphical representation.		
	2) The Reporting module needs integration with PACS and HIS. Once the report is finalized, it should be available in HIS, EMR, and PACS along with images.		
	3) Additionally, there is a need for User Rights Dependency Reporting (Role & Privilege Reporting).		
B	PACS system should support converting serial images to video		
C	PACS system should have the features to assign a scan images to a respective radiologist.		
D	Warranty of the hardware will start from the date of successful installaton.		
E	Warranty of the Software will start from the date of successful commissioning.		
F	Delivery period should be 90 days from the date of reciept of PO.		
G	Commisioning period of integration 90 days from the date of successful installation and debuging should be of 60 days after commissioning period.		
H	CAMC rate for PACS system (Hardware & Software) from 4th to 7th Year should be submitted in the commercial bid		