Patients' Aid Foundation (PAF)
Jinnah Postgraduate Medical Centre (JPMC)
Karachi.

TENDER FOR
Provision of Supply, Installation and Commissioning of Equipment & Civil work
for 6th Floor Surgical Complex at JPMC Karachi.
For The Financial Year 2023-2024

Tender No: II- PACS Software

Technical Evaluation Report:

1. Tender was advertised on **2nd December 2023.**
2. Following bidders participated in the tender:
   a. M/s Medequips SMC.
   b. M/s Fujifilms
3. Technical opening of the tender was held on 17th January 2024 after the extension of two weeks upon request of multiple bidders.
4. Technical evaluation was initiated with mandatory documents check list and M/s Medequips & M/s Fujifilms were in compliance with requirements, and hence technically approved.
5.

i.	M/s Medequips	Technically Approved
ii.	M/s Fujifilms	Technically Approved

Technical Compliance Sheet

S.No.	PACS Software	M/s. Medequips	M/s. Fujifilms
	Brand	**PAXERA**	**Synapse**
	Origin	**USA**	**USA**
1.0	**PACS & RIS Software**	Yes	Yes
1.1	**Initial Sizing**: The sizing of licensing and hardware should accommodate a minimum of 280,000 studies per year. (note point below on Scalability)	Yes	Yes
1.2	**Modalities**: The solution should be able to accommodate multiple modalities.	Yes	Yes

1.3	**VNA**: The solution should have provisions for Vendor Neutral Archives such that all format (non-DICOM) medical images can be saved.	Yes	No (VNA solution is offered as a separate product which needs different implmentation plan)
1.4	**Viewing Stations**: The suggested software and Hardware should support a minimum of 30 diagnostic view stations and 100 Zero Foot Print viewing capability.	Yes	Yes
1.5	**Technical Specifications**: All submitted PACS solutions must meet or exceed the technical specifications as outlined in the tender document. Any deviations or compromises on hardware and software specifications will disqualify the bid.	Yes	Non-compliant in point 1.3 & 1.7
1.6	**Scalability**: The PACS solution should be highly scalable to accommodate future growth in medical imaging data and the number of users. The bidder must provide evidence of the system's scalability capabilities.	Yes	Yes
1.7	**Artificial Intelligence based diagnostic Capabilities**: The solution should have a module that can provide AI based imaging diagnostic capabilities.	Yes	No
1.8	**Radiology Information System**: The solution should have the capability of having an integrated Radiology Information System.	Yes	Yes
1.9	**Redundancy and High Availability**: The solution should offer robust redundancy and high availability features to ensure minimal downtime and data loss. Bidders must provide details on the redundancy and failover mechanisms in place.	Yes	Yes
1.1	**Data Security and Compliance**: The PACS solution must comply with all relevant data security and healthcare industry regulations, including HIPAA or equivalent local regulations. The bidder should demonstrate their commitment to data security and compliance.	Yes	Yes
1.11	**Interoperability**: The PACS system should seamlessly integrate with the existing hospital information systems, electronic health records, and other healthcare applications. The bidder must provide information on interoperability standards supported.	Yes	No
1.12	**Disaster Recovery and Backup**: The bidder should outline their disaster recovery and backup solutions, including off-site backup facilities and recovery time objectives.	Yes	Suggested rather Active Passive Solution

1.13	**User Training and Support**: The bidder must include provisions for comprehensive user training and ongoing technical support services, with defined service level agreements.	Yes	Yes
1.14	**Software Updates and Maintenance**: The solution should receive regular software updates and maintenance to ensure it stays up-to-date with industry standards and security best practices.	Yes	Ensured same for term of 3 years
1.15	**User Experience and Performance**: The PACS system should provide a user-friendly interface and responsive performance, even with large datasets. The bidder should offer performance benchmarks or references from similar installations.	Yes	Yes
1.16	**Vendor Experience and Reputation**: Bidders should have a proven track record of successfully implementing PACS solutions in healthcare environments in at least two continents. References and case studies should be provided.	Yes	Yes
1.17	**Service and Maintenance Costs**: Include the total cost of ownership, including any ongoing service, maintenance, and licensing costs. Ensure that the costs are competitive and transparent.	Yes	Yes
1.18	**Customization and Tailoring**: The bidder should detail their ability to customize the solution to specific hospital needs while maintaining the high-quality standard of the product.	Yes	Yes
1.19	**Warranty and Guarantees**: The bidder should provide clear warranty terms and guarantees regarding the performance and reliability of the PACS solution.	Yes	Yes
1.20	**Acceptance Testing**: Outline the process for acceptance testing to ensure that the delivered PACS solution meets all specified requirements before final acceptance and payment.	Yes	Yes
1.21	**Compliance with International Standards**: The PACS solution should comply with international standards for medical imaging and data exchange, such as DICOM and HL7.	Yes	Yes
1.22	**Upgradability**: The bidder should demonstrate the solution's ability to support future technological advancements and be easily upgradable.	Yes	Yes
1.23	**Financial Stability**: The bidder should provide evidence of their financial stability and sustainability as a company to ensure long-term support and maintenance.	Yes	Yes
1.24	**Penalty Clauses**: Include penalty clauses for delays in implementation, non-compliance with agreed-upon specifications, or failure to provide satisfactory support services.	Agreed	Agreed

	Note 1: Vendors interested in bidding for the equipment should provide detailed quotations that meet or exceed the specified hardware and software requirements. The hospital is particularly interested in reliability, redundancy, and the ability to handle the expected volume of medical studies as described in the storage design assumptions. The tender document is issued for the purpose of receiving competitive bids for the RIS/PACS hardware solution.	Yes	Not mentioned
	Note 2: The suggested hardware will be procured via a separate tender.	Yes	Not mentioned

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