

IAEA CLARIFICATIONS – QUESTIONS AND ANSWERS

RFQ 625653-OD - THREE X-RAY DIGITAL RADIOGRAPHY UNITS FOR TAJIKISTAN

Q1: Can we assume that a rack infrastructure will be provided where we find space and can mount our PACS server into or has the server to be delivered containing a rack?

A1: The rack shall be considered as the responsibility of the end-user (see Section 7-site readiness). This shall be communicated to the end-user as a requirement necessary for installation.

Q2: Can you confirm that the amount of 50.000 studies per year and storage capacity for 5 years is a maximum total number the PACS server has to offer as a minimum requirement and that for this project only the X ray digital radiography/fluoroscopy unit must be connected to the PACS??

A2: According to 4.1.9.2 of the technical specification “ .. .Be suitable for handling and storing of an average 50,000 studies per year with storage for five (5) years. “ It may include also other modalities used in the hospital.

Q3: Will a Hospital Information System (HIS) or Radiology Information System (RIS) provide a worklist or must the patient data be inserted at the X ray digital radiography/fluoroscopy unit??

A3: Patient data be inserted at the X ray digital radiography/fluoroscopy unit.

Q4: Can you confirm that no data migration from existing PACS or archive is part of the project?

A4: There is no existing PACS, implying that no data migration will be required.

Q5: How many radiologists are going to work at the same time (in parallel)?

A5: We are not able to provide this information at this point, except that requirement of the technical specification is for 3 viewing/reporting stations that can be used in parallel.

Q6: Can you please give us more details about the technical requirements under 4.1.9.2. Is point 1 = workstation supposed to be the PACS server and the viewing workstation under point 2 (three high resolutions viewing workstations) supposed to be client hardware including a medical display?

A6: Yes, the above interpretation is correct.

Q7: What should the instant messaging solution under 4.1.9.2 point 4 be capable of? Please describe in detail.

A7: Instant messenger should provide effective communication of the users via text messaging option.

Q8: Regarding the requirements for the PACS system, from number 1 to number 7 are for 1 X ray digital unit or for 3 x ray digital units? specially number 2, three high resolution viewing workstations with user licenses, we don't understand about this point. One unit has certainly system included 1 workstation with PC and 3 screens. So, what do you mean with three (3) high resolution viewing workstations with user licenses? please clarify more clearly about this point.

A8: The requirements described in 4.1.9.2. is for a workstation acting as PACS server and three viewing workstation under point as client hardware for viewing/reporting.

Q9: Regarding PACS system, section 4.1.9.1 "System description" of the technical compliance table, please specify if the 50.000 studies to be managed come from the x-ray modality required by this tender, or should include also DICOM images generated from different units already available in the hospitals (as CT, MRI, mammography,..).

A9: The requirements is for 50,000 studies per year that may include also other modalities of use in the hospital.

Q10: Please, confirm integration with Hospital Information System is not required.

A10: Confirmed.

Q11: Regarding section 4.1.9.1 "System description" of the Technical compliance table, please confirm that the implementation of Backup solution is provided by the Hospital.

A11: The requirements for the site readiness shall be discussed with the end-user, if not required in the technical specification.

Q12: Regarding section 4.1.9.2 "Technical requirements" of the Technical compliance table, please confirm that the "Three (3) high resolution viewing workstations with user licenses" should be included in the offer of the PACS system.

In this case, please kindly provide more details about:

- Required monitor resolution (2MP, 3MP or 5MP) for the review monitors
- Number of monitors for each workstation, for example 2 high resolution for review + 1 administrative

A12:

- Three (3) high resolution viewing workstations with user licenses: 3MP
- Per workstation: at least one high resolution monitor and one administrative, or equivalent.

Q13: Regarding section 4.1.9.2 "Technical requirements" of the Technical compliance table, please confirm that the mentioned "workstation" (item 1 of the section 4.1.9.2) will act as a local server and storage.

A13: Yes.

Q14: Regarding section 4.1.9.2 "Technical requirements" of the Technical compliance table, please specify if the mentioned "workstation" (item 1 of the section 4.1.9.2) should be Tower or Rackable.

A14: Both solutions are acceptable. A rack can be considered as responsibility of the end-user (see Section 7-site readiness). The requirement shall be communicated to the end-user as a requirement necessary for installation.

Q15: Regarding section 4.1.9.2 "Technical requirements" of the Technical compliance table, please confirm that UPS for local server will be provided by the hospital.

A15: UPS shall be included in the offer.

Q16: Regarding section 7 "INSTALLATION AND TRAINING" of the Technical compliance table, please quantify number of technical and medical staff to be trained.

A16: At least 4-6 local staff shall be trained.

Q17: Please, confirm that manuals can be provided during the installation process.

A17: Confirmed.

Q18: With reference to TECHNICAL SPECIFICATION, "11. DELIVERABLE DATA ITEMS" please kindly confirm that user operation and servicing manuals and technical drawings in English language are accepted.

A18: Deliverables shall be in Russian and English languages.

Q19: Regarding the Operation console / Acquisition workstation: We can configure the digital system accordingly, with 1 monitor 19" touchscreen for the control of table and generator and 1 medical monitor 19" for image visualization. Or, as other manufacturers do, provide 1 monitor ≥ 23 " that integrates the generator control with the image visualization in 1 monitor only. This second configuration is advantageous, because monitors in exam room (as required in the line below) would have the same interface of the monitor in control room and would allow to control the generator parameters also from the monitors in room. We kindly ask to accept also the alternative advantageous solution that consists in 1 x High resolution medical monitors (min 23') that integrates generator control & image visualization.

A19: The alternative solution can be offered as an option and will be subject of the technical evaluation.