

PET/CT - 100

Questions and Answers

1. Under Section 4, Technical Requirements – Scanner Performance, what NEMA sensitivity constitutes as “high sensitivity” to Hays Med? Clarification example: Does a scanner need to have NEMA sensitivity of 15 cps/kBq to be considered “high sensitivity,” or is a NEMA sensitivity of 10 cps/kBq adequate.

Response: Our goal is high-quality images and scan time. We are looking for a sensitivity of at least 10 cps/kBq. Vendors should indicate NEMA sensitivity and costs associated.

2. Please clarify the intended minimum performance criteria for “high sensitivity” and “high spatial resolution.” Are specific NEMA performance metrics required?

Response: Yes, the system should comply with the established NEMA 2 standards of performance for spatial resolution and sensitivity.

3. Can you please increase “PET/CT Detector Ring – Scintillator crystal less than or equal to 4.0 mm size” to 4.1 mm size?

Response: A vendor can propose 4.1mm and it will be considered.

4. We would like to confirm the less than or equal to 4.0 mm scintillator crystal requirement?

Response: Yes- the small crystal size is the standard in most modern systems.

5. What brand of Radiation Therapy Table insert does Hays Med prefer? CIVCO / DIACOR / QUANTUM

Response: Most of the equipment that our Radiation Therapy department uses is CIVCO. Vendors should propose the brand and associated costs.

6. What brand of “advanced cardiac reconstruction software does Hays Med prefer? Invia 4DM / Cedars / Emory Toolbox

Response: HaysMed currently uses Cedars. Vendors should propose the software and associated costs.

7. Do you want the hardware needed to run the software upgrades included in the “software upgrades for life” section, or do you just want the software included and Hays Med will purchase the required hardware for those software upgrades at a later date?

Response: Vendors should include all hardware and software costs. All hardware modifications, computer workstations replacements, server upgrades ,software patching , and processing boards required to run the software upgrade should be included at no additional charge for the life of the scanner.

8. Under Section 4, Technical Requirements – Workflow, can you clarify the requirement for “automated patient positioning?”
- Do you want Remote Auto Patient positioning?
 - Do you want an overhead camera for patient positioning?
 - Do you want in room wall mounted cameras for patient positioning?
 - All the above?

Response: HaysMed would like to have the capacity to automatically move and align the patient to the scanner's true isocenter. Vendors should propose the workflow process and associated costs.

9. Would you like the cost of the biomed training to be apart of the capital purchase, or to be operationalized through the service contract?

Response: Yes, we would like the vendor to offer a "first-look" training course to our BioMed department that would include the basics of system triage, basic component swap ,routine resets, and basic vocabulary training to be able to communicate with the manufacturer effectively. This training can be a set cost, detailing what is included, and part of the capital purchase.

10. What are the Expectations of Biomedical Engineering training?

Response: I will have to defer this question to Biomed department and what specifics they want. (See above)

11. What is encompassed in Hays Med’s definition of “Turn Key”? Are you looking for standard installation and project management support?

Response: Yes, we need standard installation as well as making sure we have proper foundation requirements, proper shielding requirements met, proper climate control, camera placement ideal for workflow, etc.

12. Is Hays Med interested in seeing both a full service proposal, as well as a service proposal following biomed training?

Response: Yes, vendors should include full service as well as a service proposal following biomed training.

13. Is there a minimum hardware enabled TOF resolution requirement?

Response: No, we did not state a minimum time of flight resolution requirement, instead we are asking that it meets NEMA standards for sensitivity and spatial resolution.

14. Can HaysMed provide available site drawings and clarify which construction, shielding, HVAC, electrical, and infrastructure costs are expected to be included in the vendor's fixed-price proposal?

Response: We can provide site drawings of the existing space that the PET/CT system will be installed into. At this time, we do not know construction costs or who will be doing the construction.

15. Does HaysMed have specific uptime and service-response requirements that vendors should incorporate into their proposals?

Response: An uptime guarantee of 98% would be considered standard in a proposal. Same day service response would also be expected.

16. Is UPS a whole system UPS or Console only?

Response: We would like the vendor to offer a partial UPS that would protect the console, detector electronics, and internal protection until the hospital generator power stabilizes in the event of sudden power loss.

17. Please specify what diagnostic CT exams are planned, if any, in addition to PET/CT attenuation correction purposes.

Response: The pet/ct system will not be used for diagnostic CT. We anticipate keeping the system booked and busy during the week performing PET/CT exams.