
Global Tender: Supply, installation, testing, commissioning, and user training of a Dosimetry System for use with a Linear Accelerator (LINAC) in the Radiation Oncology facility at IISc.
Tender Published Date: 13th January 2026
Tender number: IISc-Med-2025-26/G-32
CORRIGENDUM- Dated 27th January 2026

It is hereby informed that the technical specifications have been revised and are updated as follows:

Ref.	Specification as per tender	To be read as
A 1.15	Provision for automatic levelling of water phantom should be provided.	Provision for automatic levelling of water phantom corrections through software or physical levelling to achieve accuracy of +/- 0.01degree precision
A 4.14	Software should have an option to adjust the resolution and speed in the Continuous mode of measurement. The minimum speed should be at least 0.3 mm/sec	Software should have an option to adjust the resolution and speed in the Continuous mode of measurement. The minimum speed should be at least 0.3 cm/sec
B 1.10	It should be capable of measuring from 400 fA or lesser to 2.6 microamp in the current/dose rate mode and 4 pC to 9.3 C in the charge/dose mode.	It should be capable of measuring from 400fA or lesser to 24 microamp in the current/dose rate mode and 24 pC to 65 nC in the charge/dose mode.
C 1.3	The Ion Chamber/diode-based detector array should have minimum 1200 vented ion chambers/diodes and are arranged regularly across the complete field size minimum 21cmx21cm and resolution of less than or equal to 7 mm.	The Ion Chamber/diode-based detector array should have minimum of 1000 vented ion chambers/diodes and are arranged regularly across the complete field size minimum 20cmx20cm and inner field size resolution is less than or equal to 7 mm.
H	**In-Vivo Dosimetry-**	**Optional**
1	The system shall be an in-vivo dosimetry system for verification of patient dose during external beam radiotherapy treatments. The system may be based on real-time detectors	**Optional**
1.1	The system shall be suitable for use with: 6 MV photon beams (Flattened Filter – FF), 6 MV photon beams (Flattening Filter Free – FFF) and Electron beams	**Optional**
2	**Real-time detectors**	**Optional**
2.1	The system shall be suitable for routine clinical in-vivo dose verification.	**Optional**
2.2	The system shall include a base control module with an integrated display for real-time dose monitoring.	**Optional**
2.3	The system shall be capable of storing	**Optional**

	calibration factors for multiple beam energies.	
2.4	The system shall support simultaneous connection of not less than eight (8) detectors.	**Optional**
2.5	The system should be able to use with or without the PC software	**Optional**
2.6	Detectors with ISO tropic response should be provide for 6MV photon beams – 8QTY	**Optional**
2.7	Detectors for Electrons to be provided – 4 qty	**Optional**
3	**Software For In-Vivo Dosimetry**	**Optional**
3.1	Software should have Patient database for storage and retrieval of dosimetry records	**Optional**
3.2	Software should provide automatic application of selected correction factors	**Optional**
3.3	Software should have user access control including: Password protection, Electronic signatures	**Optional**
3.4	Software should have programmable templates for standardized clinical workflows	**Optional**
3.5	Software should have Visual display indicating expected versus measured dose differences, with clear deviation indicators	**Optional**

ANNEXURE I: SCOPE OF SUPPLY (FOR TECHNICAL BID) to be read as:

SNO	**TYPE**	ITEM NAME	**QUANTITY**	Vendor specific name for each line items	MAKE	MODEL	VENDOR CATALOGUE NUMBER	OPTIONAL
17	**HARDWARE**	IN-VIVO DOSIMETRY SYSTEM	**1**					OPTIONAL
17.1	**HARDWARE**	Detectors for 6MV photon beams	**8**					OPTIONAL
17.2	**HARDWARE**	Detectors for Electrons	**4**					OPTIONAL
25	**SOFTWARE**	SOFTWARE FOR IN-	**1**					OPTIONAL

		VIVO DOSIMETRY SYSTEM						