

Amendment No. 06

Date: 10-02-2024

Sub: Amendment No. 06 to the Tender Enquiry Document**Ref: Tender No: HITES/PCD/AIIMS-IV/62/RT/Rad-Onco/23-24/ dated 05-12-2023****Tender ID: 2023_HITE_176706_1****Section I**
Notice Inviting Tenders (NIT)**Tender timeline:****For**

Sl. No.	Description	Schedule
4.	Closing date & time for submission of online bids	16-02-2024, 01:00 PM
5.	Closing date & time for submission of tender processing fee and EMD in physical form*	16-02-2024, 02:00 PM
6.	Time and date of opening of online bids	16-02-2024, 02:30 PM
7.	Venue for opening of online bids and submission of tender processing fee and EMD	HLL Infra Tech Services Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

Read As

Sl. No.	Description	Schedule
4.	Closing date & time for submission of online bids	26-02-2024, 01:00 PM
5.	Closing date & time for submission of tender processing fee and EMD in physical form*	26-02-2024, 02:00 PM
6.	Time and date of opening of online bids	26-02-2024, 02:30 PM
7.	Venue for opening of online bids and submission of tender processing fee and EMD	HLL Infra Tech Services Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

Section VII
Technical Specifications

Para No	Tender Technical Specification	Amended As
7	Added Para : Technical Specification for Surface Guided Radiation Therapy (SGRT) System:	
	The Vender to provide Optical Surface Imaging system for Surface guided Radiation Therapy available in the market for patient setup, Positioning, Intra Fraction motion monitoring for all cancer treatments, including but not limited to	

Para No	Tender Technical Specification	Amended As
	DIBH, Pelvis, SRS, SBRT, Paediatrics and at non-coplanar gantry angles with following specifications:	
	1. The optical surface guided system for the treatment room. The treatment room system to be with 3 camera pods equipped with stereovision technology and atleast 4mp or more in resolution and should generate the patient contour using AI for positioning and monitoring based on validated DICOM data from the TPS for all the treatments. The camera provided should have high resolution as per the AAPM guidelines and would be preferred.	1. The optical surface guided system for the treatment room. The treatment room system to be with 3 camera pods equipped with Stereovision/Structured Light/Time of Flight technology and atleast 1.3 mp or more in resolution and should generate the patient contour using AI for positioning and monitoring based on validated DICOM data from the TPS for all the treatments. The camera provided should have high resolution as per the AAPM guidelines and would be preferred.
	2. System should be able to track in both coplanar and non-coplanar positions based on rigid registration for better accuracy and internal organ correlation. It should image bolus accessories. Vendor to specify the spatial, temporal resolution accuracy for patient positioning, motion monitoring in both coplanar and non-coplanar treatments, provide the field of view, frames per second for image capturing of the proposed system.	2. System should be able to track in both coplanar and non-coplanar positions based on rigid / non-rigid registration for better accuracy and internal organ correlation. It should image bolus accessories. Vendor to specify the spatial, temporal resolution accuracy for patient positioning, motion monitoring in both coplanar and non-coplanar treatments, provide the field of view, frames per second for image capturing of the proposed system.
	5. System should have an accuracy for Absolute-positioning accuracy 0.5mm / 0.5°, Motion-monitoring accuracy 0.2 mm / 0.1°, at non-coplanar angles and at gantry angle, tracking accuracy 0.3 mm / 0.2° suitable for frameless SRS and should have an Optimization for pod occlusion, deep-seated isocenters, non-coplanar beams, etc which is crucial for the improving the patient treatment.	5. System should have an accuracy for Absolute-positioning accuracy 0.5mm / 0.5°, and should have an Optimization for pod occlusion, deep-seated isocenters, non-coplanar beams, etc which is crucial for the improving the patient treatment.
	7. System shall have non-contact real-time visual coaching tools for patient coaching to assist in enhanced breathing reproducibility. It shall provide guidance for correcting patient posture, such as chin / arm position for enhanced positioning by live video feed with Numerical values, Colour code with a live video feed on the display to the RTTs to ensure proper, accurate positioning of patients. The system should be capable to draw multiple ROI's and provide active feedback for the region of interest drawn.	7. System shall have non-contact real-time visual coaching tools for patient coaching to assist in enhanced breathing reproducibility. It shall provide guidance for correcting patient posture, such as chin / arm position for enhanced positioning by live video feed with Numerical values, Colour code with a live video feed on the display to the RTTs to ensure proper, accurate positioning of patients.

All other terms and conditions of the tender enquiry remain unaltered