

**DR. BHUBENESWAR BOROAH CANCER INSTITUTE**

A grant-in-aid institute of Department of Atomic Energy, Govt. of India

And a unit of Tata Memorial Centre (Mumbai)

Gopinath Nagar, Guwahati – 781016

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No. BBCI-TMC/GeM/B/5757455/ **143** /2025Dated: **13.01.2025****CORRIGENDUM**

GEM NO: GEM/2024/B/5757455

Tender Date: 28-12-2024

Corrigendum No: 01

<b>BBCI Technical Specification</b>	<b>Revised Specifications</b>
3. The optical Surface Guided System should be based on Stereo Vision with multiple camera (with 3 or more cameras) pods installed in the treatment room and the simulation room. Each camera pod should have adequate stereo cameras (minimum 2.3 MP resolution) with a projector for projecting random speckled patterns of light for motion tracking and reconstruction of the real-time 3D Surface of the patient. The vendor should provide the necessary systems in the CT Simulator to enable DIBH Coaching with a Monitor and coaching system for the patient and the RTT to enable for a full DIBH Coaching program besides necessary equipment in the treatment room.	The optical Surface Guided System should be based on Stereo Vision with multiple camera (with 3 or more cameras) pods installed in the treatment room <b>and at least One (01) camera in the simulation room</b> . Each camera pod should have adequate stereo cameras ( <b>with at least 2 MP or more resolution</b> ) with a projector for projecting random speckled patterns of light for motion tracking and reconstruction of the real-time 3D Surface of the patient. The vendor should provide the necessary systems in the CT Simulator to enable DIBH Coaching with a Monitor and coaching system for the patient and the RTT to enable for a full DIBH Coaching program besides necessary equipment in the treatment room.
6. The system shall use a reference image relative to the treatment iso-center as imported from the Treatment Planning System for automatic positioning through couch corrections, with a minimum of 3 degrees of freedom of direction (compatible with 6-D treatment couch).	The system shall use a reference image relative to the treatment iso-center as imported from the Treatment Planning System for automatic positioning through couch corrections, with <b>all 6 degrees of freedom</b> (compatible with 6-D treatment couch).
8. The quoted system shall have contactless and wireless real-time coaching tools for better patient breathing reproducibility.	The quoted system shall have contactless and/or wireless real-time coaching tools for better patient breathing reproducibility.

*132-19 13/1/25.*

**Chief Administrative Officer**  
Dr. B. Boroah Cancer Institute