Amendment No. 3

11.12.2018

Sub: Amendment to the Bidding Document

Ref.: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/36/18-19 dated 26.09.2018 read with its Amendment no. 1 & 2 dated 19.11.18 & 06.12.2018 respectively.

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

SECTION – I

NOTICE INVITING BIDS (NIB)

Description	Existing	Amended as
Last date and time of online submission of tender	12.12.2018 at 12:00 noon	**09.01.2019** at 12:00 noon
Last date and time of physical submission of EMD, Tender processing Fee, any other document specified in the Bidding Document	12.12.2018 at 2:00 pm	**09.01.2019** at 2:00 pm
Date of tender Opening	12.12.2018 at 2:30 pm	**09.01.2019** at 2:30 pm

SECTION - VII

TECHNICAL SPECIFICATION AND GENERAL POINTS

A. TECHNICAL SPECIFICATION:

Item No. 2 (Rfx/ Event number 3000003420)

IORT Machine (Electron Based)

Ref. to the Bidding Document	Existing Tender Specification	Amended as
Point 3 page 63	**3. Treatment Planning System (TPS) for planning intraoperative radiotherapy treatments with electron beams:-** 1. 3D Treatment Planning System for Electron based IORT for 1 workstation. Must include ability to	**Deleted with following rider:** **Vendor should be responsible to integrate with existing IORT TPS in the department**

Ref. to the Bidding Document	Existing Tender Specification	Amended as
	calculate Dose Volume Histogram (DVH). 2. The 3D TPS shall have USFDA or European CE Certification with certification from an internationally, independently recognized certification institution 3. Simulation of the IORT procedure based on the pre-operative CT scans 4. Selection of applicator (size and bevel angle) from pre-defined list of applicators. Position and orientation of the applicator should be defined in 3D space and with respect to the patient 5. Calculate dose distribution using Pencil Beam algorithm taking into account electron density of patient's tissue and geometry of selected applicator (including bolus and shielding); and 6. Calculate dose distribution using electron Monte Carlo algorithm taking into account electron density of patient's tissue and geometry of selected applicator (including bolus and shielding) 7. Generate Treatment Reports with a full set of treatment parameters including:- - Position and orientation of applicator - Applicator's diameter and bevel angle - DVH - Prescribed dose - Normalisation level (normalisation method) - Calculated Number of Monitor Units	
Point 4.5 page 64	Therapeutic Applicators shall be constructed of a material with density ≥1.3 g/cc to minimize radiation leakage through the applicator walls.	Therapeutic Applicators constructed **of metal or PMMA should be supplied**

Item No. 4 (Rfx/ Event number 3000003422)
Mobile CT Scanner for IORT

Ref. to the Bidding document	Existing Tender Specification	Amended as
Para 1.8 Page 70	The system should have an Image reconstruction speed of at least 24 images per sec or more.	The system should have an Image reconstruction speed of **at least 16 images** per sec or more

All other contents of the Bidding Document including terms & conditions remain unaltered.