

Amendment No. 1

02.05.2018

Sub: Amendment to the Bidding Document**Ref.: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/15/18-19 dated 13.04.2018**

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

SECTION – VII**TECHNICAL SPECIFICATION AND GENERAL POINTS****Item Sl. No. 03 (Rfx/Event number 300002807)****4D CT - Simulator**

Sl. no.	Ref. no. (pg. no.) of the specifications	Existing	Amended as
1	Sl. no. 3.4 (pg. 87)	The x-ray tube should have anode heat storage capacity of 5 MHU or more.	The x-ray tube should have anode heat storage capacity of 8 MHU or more.
2	Sl. no. 6.4 (pg. 88)	Extended reconstruction FOV of at least 70 cm should be possible.	Extended reconstruction FOV of at least 80 cm should be possible.
3	Sl. no. 6.10 (pg. 88)	Prospective and Retrospective respiratory compensated / gated CT to generate 4D datasets must be compatible with all commercially available hardware and software for motion management to localize the tumour in motion. Specify the details. Required software and hardware to generate/ acquire 4D CT imaging should be provided. Also required compatible hardware with commercially available LINAC based image acquisition solutions.	CT manufacturer should quote all hardware and software required for respiratory gating (prospective & retrospective respiratory compensated gating) compatible to the LINAC manufactured by M/s. Elekta and M/s. Varian separately to enable choice for any of such equipment. However, both such prices shall be taken into consideration for ranking of bids.

Sl. no.	Ref. no. (pg. no.) of the specifications	Existing	Amended as
4	Sl. no. 10.4 (pg. 89)	CT number accuracy must be better than + 4HU for water and +10 HU for air. All necessary phantoms to check the spatial resolution of the scanner should be provided. CATPHAN with appropriate module should be supplied.	CT number accuracy must be better than +4HU for water and +10 HU for air. All necessary phantoms to check the spatial resolution of the scanner should be provided. CATPHAN 500 with appropriate module should be supplied.
5	Sl. no. 19.1 (pg. 91)	A Colour dye sublimation printer to be supplied along with system. DICOM print should be possible.	Deleted
6	Sl. no. 19.6 (pg. 91)	Suitable Online UPS with 30 minutes backup to be supplied. The Workstations, Server, Printers should be powered using the UPS.	120 KVA UPS with 30 minutes backup to be supplied. The Workstations, Server, Printers should be powered using the UPS.
7	Sl. no. 19.7 (pg. 91)	List of important spare parts and accessories with their part number and costing.	Deleted
8	Sl. no. 20.6 (pg. 92)	Factory trained service engineer/Applications specialists should be available in Delhi to look after the installation and maintenance of the system without patient treatment interruption.	Factory trained service engineer/Applications specialists should be available in Delhi NCR to look after the installation and maintenance of the system without patient treatment interruption.
9	Sl. no. 21.1 (pg. 92)	Equipment standard and safety should comply with the national regulatory AERB guidelines and offered model should have AERB type approval and NOC.	Equipment standard and safety should comply with the national regulatory AERB guidelines and offered model should have AERB type approval or NOC.
10	Sl. no. 21.3 (pg. 92)	21.3. The vendor should provide comprehensive training on CT-Simulator in a well advanced center where the system is in clinical use, for two persons (one for Radiation Oncologist, one for Medical Physicist). The training period should be at least for One week.	The vendor must provide at least 2 weeks onsite training and demonstration for all concerned members.
11	Sl. no. 22.1 (pg. 92)	Any optional items to be quoted separately with separate prices in price bid.	Deleted

Sl. no.	Ref. no. (pg. no.) of the specifications	Existing	Amended as
12	Sl. no. 22.4 (pg. 92)	Penalty clause: Penalty at the rate of Rs. 10, 000 per day for short falling of 95% uptime guarantee. If the machine lies non-functional for a period of more than two weeks continuously, the same penalty will be imposed even if 95% uptime clause is met with.	Deleted
13	Sl. no. 23.3 (pg. 92)	Vendor will have to quote Unit Rates of the following components of Site Modification work.	Deleted
14	Sl. no. 23.3.i (pg. 92)	Electrical work	Deleted
15	Sl. no. 23.3.ii (pg. 92)	Air conditioning (HVAC)	Deleted
16	Sl. no. 23.3.iii (pg. 92)	Flooring	Deleted
17	Sl. no. 23.3.iv (pg. 92)	Wall Finishing & Painting	Deleted
18	Sl. no. 23.3.v (pg. 92)	False Ceiling	Deleted
19	Sl. no. 23.4 (pg. 92)	The payment for site modification work shall be based on the Unit Price quoted by the supplier applied to the actual measurement of Site Modification work executed at the supplier at the site.	Deleted
20	Sl. no. 23.5 (pg. 93)	Bidder should clearly mention break up price of each component of Site Modification work separately.	Deleted
21	Sl. no. 23.7 (pg. 93)	Rate quoted for Site modification work, Furniture like desks, chairs, shelves etc; and the price quoted for 10 TR HVAC is included for L1 calculation of the bids.	Rate quoted for Site modification work, Furniture like desks, chairs, shelves etc; and the price quoted for 16 TR HVAC (10 TR + 6TR backup) will be included for ranking of bids.

Sl. no.	Ref. no. (pg. no.) of the specifications	Existing	Amended as
22	Sl. no. 23.10 (pg. 93)	The bidder may quote the unit rates of any other site modification work activity which is not mentioned in the list below.	Deleted
23	Sl. no. 23.14.v (pg. 94)	Mode of measurement (finished surface area of the tiles shall be measured and paid. Rate shall be inclusive of providing and laying levelling course, PVC spacers, providing and applying epoxy grout and no additional payment shall be made for wastage.	Deleted

Note to the bidders:

- i) Technical Compliance sheet (TC Sheet) in HLL e-bid portal for RFX/Event number 3000002807 has been replaced by a new version with file name "TC Sheet_4D CT_Ver1.1". The same need to be downloaded for submission of TC Sheet.
- ii) Price Bid Format in HLL e-bid portal for RFX/Event number 3000002807 has been replaced by a new version with file name "3000002807_Ver1.1". The same need to be downloaded for submission of Price Bid.

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