Amendment no X Dated 22.03.2018

HSCC/PUR/CNCI/Kolkata/Medical Equipment/02 dt. 02.11.2017

Procurement of Medical Equipment CNCI 2nd Campus

All bidders are requested to note the following:

Item No	NAME OF THE EQUIPMENT	Last date & time sale/downloading of Tender document	Last closing/submission date & time for receipt of tender	Date of opening of Techno – Commercial bids.	Earlier date of opening	Amendment Status for opening date
2	Wide Bore 4D CT – Simulator	04.04.2018, up to 13.00 hrs IST	04.04.2018, 14.00 hrs IST	04.04.2018, 14.30 hrs IST	19.03.2018	Technical Specification updated
4	PET – CT (Positron Emission Tomography CT Scan)					

Final Amendment of Tender Specification Item No. 4, PET-CT dated 01/01/2018 for CNCI 2nd Campus, Rajarhat

Tender Specification Item No. 4, PET-CT	Technical Specification May please read as
1.i) A latest technology DICOM ready state of the art Positron Emission Tomography system with integrated 128-slices per rotation spiral CT scanner, designed for providing volume measurements of metabolic and physiological processes using positron emitters, as well as for producing accurate structural and anatomical fusion images and making attenuation maps for CT based attenuation correction.	1.i) A latest technology DICOM ready state of the art Positron Emission Tomography system with integrated 128-slices per rotation spiral CT scanner **with 64 rows of detector**, designed for providing volume measurements of metabolic and physiological processes using positron emitters, as well as for producing accurate structural and anatomical fusion images and making attenuation maps for CT based attenuation correction.
2.ii) The patient gantry aperture size should be ≥ 70 cm and uniform for both, PET and CT	2.ii) Tender terms prevail.
3.i) Multi detector CT having capability of 128 transverse cross-sectional slices simultaneously in one rotation without undergoing any axial motion.	3.i) Multi detector CT having capability of 128 transverse cross-sectional slices simultaneously in one rotation.
3.xii) Anode heat storage capacity of 7.0 MHU or more	3.xii) Anode heat storage capacity of 7.0 MHU or more/or **Equivalent.**
4.iv) Axial & Transverse spatial resolution at 1 cm & 10 cm from the central axis of the gantry should be ≤ 5 mm FWHM	4.iv) Axial & Transverse spatial resolution at 1 cm & 10 cm from the central axis of the gantry should be **≤ 6 mm** FWHM
4.v) Timing Resolution should be below ≤ 400 psec.	4.v) Timing Resolution should be below **≤ 600 psec.**
4.vi) System sensitivity must be ≥ 7 cps/KBq at centre.	4.vi) System sensitivity must be ≥ **5cps/KBq** at centre
4.vii) Total uniformity should be < 10% and inter slice uniformity < 15%	4.vii) **This line may be deleted.**
4.x) Peak NECR should be >120 Kcps, specify the activity concentration for the peak NECR.	4.x) Peak NECR should be **>100 Kcps**, specify the activity concentration for the peak NECR.

5.vi). *List Mode Acquisition:* Full list mode acquisition should also be available as standard feature	5.vi) **List mode studies for cardiac studies should be available.**
5.xiv) Reconstruction time: At least 40 frames/sec	5.xiv) Reconstruction time: At least 40 frames/sec.**If other, please specify**.
5.xv) List mode PET data reconstruction should not take more than 90 sec/bed.	5.xv) **This line may be deleted.**
6.xiv) On site remote service diagnostic facility with Wi-Fi enabled Gigabit broadband internet connection.	6.xiv) On site remote service diagnostic facility should be available.
6.xv) All future software upgrades including associated hardware during warranty and CMC period shall be free of cost.	6.xv) All future software **updates** including associated hardware during warranty and CMC period shall be free of cost.
7.xvii) One dose drawing module for F-18 FDG	7.xvii) **This line may be deleted.**
7.xxi) Two mobile lead barriers/screens.	7.xxi) Two mobile lead barriers/screens **having 4 ft length, 3ft width and 2 cm in thickness of Capintec / Biodex make.**
8.ix) Onsite training by trained engineers and application specialists (both, PET and CT applications) working in good PET centres abroad to physicians and technologist for at least 4 weeks period, in two shifts.	8.ix) Onsite training by trained application specialists (both, PET and CT applications) working in reputed PET centres to physicians and technologist for at least 4 weeks period, in two shifts.

All other terms and conditions of the tender enquiry document shall remain unchanged.
Prospective bidders are advised to regularly visit HSCC website/ CPP as corrigendum /amendments etc. if any, will be notified on this portal only, no separate advertisement will published in the news papers.

Chief General Manager, HSCC (I) Ltd
For & on behalf of Director CNCI, Kolkata