Amendment no X Dated 24.04.2018

HSCC/PUR/CNCI/Kolkata/Medical Equipment/04 dated 03.01.2018

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
1	High Dose-Rate Brachytherapy	02.05.2018, up to 13.00hrs IST	02.05.2018, 14.00hrs IST	02.05.2018, 14.30hrs IST	24.04.2018	Technical specification updating
2	ABG Analyzer					
3	Anesthesia Work Station					
4	Defibrillator -					
5	ECG Machine -6					
6	ECG Machine -12					
7	Patient Warming System					
8	ICU ventilator					
9	Multipara monitor					
10	Paediatric Flexible Video Bronchoscope					
11	Portable Ultra sound					
12	Pulse Oximeter					
13	Rigid Video Laryngoscope					
14	Syringe Infusion Pump					
15	Volumetric Infusion Pump					

Tender Specification	Bidder representation	Amended as
Item no. 03 Anaesthesia Work station		
1. The quoted model of Anaesthesia workstation, Vaporizer, Airway Monitor & Ventilator should be **US FDA approved.** The patient monitor should be US FDA approved (preferable)/European CE with four digit approval mark.	The quoted model of **Anaesthesia workstation, Vaporizer, Airway Monitor, Ventilator & patient monitor should be US FDA/ European CE approved with four digit notified body no.**	No Change
5. The Anesthesia System should have an integrated passive scavenging system with pressure relief valve.	The Anesthesia System should have an integrated passive or Active scavenging system with pressure relief valve"	The Anaesthesia System should have an integrated scavenging system with pressure relief valve
10 (b) Should have adjustable pressure relief valve from **0. 5 to 75** mbar.	Should have adjustable pressure relief valve **from 5 to 75** mbar.	Should have adjustable pressure relief valve **from 5 to 70** mbar.
10 (m) All sensor connections to the ventilator shall be internal to help prevent disconnection. The system should have **autoclavable swappable flow sensors** at both inspiratory and expiratory end.	All sensor connections to the ventilator shall be internal to help prevent disconnection. The system should have **reusable flow sensors** at both inspiratory and expiratory end **& life should be more than 1 year**	All sensor connections to the ventilator shall be internal to help prevent disconnection. The system should have **autoclavable flow sensors** at both inspiratory and expiratory end.
11 (l) Flow trigger : **0.2 to 10L/ min & Peak flow : 120 L/ min + fresh gas flow**	Flow trigger : **1 to 10L/ min & Peak flow : 110 L/ min + fresh gas flow**	No Change

14(f) **etCO2: Infrared side stream analyser for CO2, capable of monitoring of etCO2 of intubated patient, Display: waveform & digital Range: 0 to 15 volume percent or 0 to 15KPa or 0 to 113 mm of Hg**	**This point should be deleted** because in Anesthesia machine AG module is already asked	If the item is available in airway monitor, no need in patient monitor.
14 "J" Neuro muscular transmission monitoring with required accessories for 50 patients	We request you to remove this specification for wide participation as it is available with one or two companies only. OR Alternatively we would like to request you to amend as "Neuro muscular transmission monitoring system can be part of monitors or stand alone with required accessories for 50 patients.	No Change

Item no. 04 Defibrillator

Tender Specification	Bidder representation	Amended as
3. Patient cable-02	**This point should be deleted** because as per tender specs. ECG, SpO2 cables and paddles are separately asked & clarify this patient cable?	3.4. To be read as Ecg truncable 3.12. To be read as complete set of ECG Lead wire.
6(1) **Should be FDA approved product.**	Should **be FDA/ European CE approved with 4 digit notified body no.**	No Change
6(4) Drop Test With **stands 1 meter drop to** any edge, corner or surface.	Drop Test With **stands 0.75 meter drop to** any edge, corner or surface.	Drop Test With **stands 0.75 meter drop to** any edge, corner or surface.

Item no. 08 ICU Ventilator.

1. All the material/equipment should **be US FDA certified**	All the material/equipment should **be US FDA / European CE approved with 4 digit notified body no.**	No Change.
14. Should have **built-in ultrasonic nebuliser** and Nebuliser assembly should be compatible with ventilator and circuit	Should have **built-in pneumatic nebuliser** and Nebuliser assembly should be compatible with ventilator and circuit.	Should have **built-in nebuliser with particle size less than 3 micron** and Nebuliser assembly should be compatible with ventilator and circuit
25. Should have **paramagnetic cell** for O2 analysis.	Should have **Galvanic / paramagnetic cell** for O2 analysis **& covered under warranty as well as CAMC.**	Should have **non-depleting type O2 measurement** for O2 analysis.
Added point Respiratory Mechanics to be added with • Auto-PEEP • Compliance(static &dynamic) • P 0.1 • NIF • Resistance(Ri&Re) • RSBI • **Vital Capacity**	**Vital Capacity should be deleted**	Respiratory Mechanics to be added with • Auto-PEEP • Compliance(static &dynamic) • P 0.1 • NIF • Resistance(Ri&Re) • RSBI • **Vital Capacity/Work of Breathing**

Item no. 09 Multipara Monitor.

1. Advanced high end modular patient monitor of **screen size 12 inches** or	Advanced high end modular patient monitor of screen size**min. 17 inches**or more, having integrated non-	

more, having integrated non-invasive and invasive measurements and features suitable for paediatric and adult patients	invasive and invasive measurements and features suitable for paediatric and adult patients	No Change
10. Monitor must be USFDA & European CE approved	**Quoted model should confirm US FDA OR European CE with 4 digit notified body number for the specified equipment.**	No Change
14. **One module each for IBP, CVP,etCO2** must be provided for two monitors each	**One module etCO2** must be provided for two monitors each	**One module etCO2** must be provided for two monitors each **One module for third IBP**must be provided for twelve monitors each
Added Point	**The monitor should be upgradable to HIS, PACS/ DICOM Viewer & Web browsing facility.**	**The monitor/central station should be upgradable to HIS, PACS/ DICOM Viewer & Web browsing facility.**

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.

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