

Amendment no VIII Dated 17.04.2018
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
12	Pulse Oximeter	24.04.2018, up to 13.00hrs IST	24.04.2018, 14.00hrs IST	24.04.2018, 14.30hrs IST	17.04.2018	Technical specification updating
14	Syringe Infusion Pump					
15	Volumetric Infusion Pump					

Tender Specification	May please read as
ITEM NO.12 PULSE OXIMETER	
TFT screen size 5”or more	No Change
Internal replaceable rechargeable battery allows operation for at least four hrs in event of power failure. Battery charger to be integral to mains power supply & to charge battery during mains power operation unit.	Internal replaceable rechargeable battery allows operation for at least two hrs in event of power failure. Battery charger to be internalto the system and integral to mains power supply & to charge battery during mains power operation unit.
ITEM NO.14-SYRINGE PUMP	
Tender Specification	May please read as
Flow rate for 50 ml syringe should be programmable from .1 to 1000ml/hr or more in steps of 0.1ml/hr with user selectable flow set rate option. SAVE last infusion rate even when the AC power is switched off.	No change
Should accept all makes of 5ml, 10ml, 20ml, 50ml & 60ml syringes	Should accept all makes of 5ml, 10ml, 20ml, 50ml & 60ml syringes
Manual Bolus rate should be programmable in the range of 100-1000ml/hr or more within fused volume display.	No Change
Reminder audio after every 0.5ml delivered bolus.	No Change
Display of drug name and total infused volume with a provision of memorising 10-15 names by the operator	Display of drug name and total infused volume with a provision of memorising 100 or more names fed in by the operator
Selectable Occlusion pressure trigger levels selectable from 300/500/700mmHg or higher limits.	No Change
Should have digital & analog display of occlusion pressure indicator	Should have digital & visual display of occlusion pressure indicator with audio alarm
Should have comprehensive alarm package including: Occlusion limit exceed alarm, near end of infusion pre-alarm & alarm, volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm & alarm, Occlusion pressure pre-alarm & alarm, AC power failure, Drive disengaged & preventive maintenance.	No Change

Should display remaining battery life in hrs& minutes on operating flow rate.	No Change
System Configuration Accessories, Spares & Consumables for each pump	
Mounting device/Docking Station for two or four pumps as per requirement so as to enable to power up to 2-4 pumps with one power cord when mounted on IV pole-01	No Change
Power Supply	
Resettable over current breaker shall be fitted for protection	No Change
Standards, Safety and Training	
Should be FDA approved product.	Should be US FDA /European CE with four digit notified no. approved product.
Drop Test-Withstands 1 meter drop to any edge, corner or surface.	No Change
Should meet IEC 529 Level-2(IP2X) for enclosure protection solid foreign object index	No Change
Should meet IEC 529 Level -3 (IP3X) (spraying water) for enclosure protection, water ingress	No Change
System Configuration Accessories, Spares & Consumables for each pump	
Mounting device/Docking Station for two or four pumps as per requirement so as to enable to power up to 2-4 pumps with one power cord when mounted on IV pole-01	No Change
Documentation	
Must submit user list & performance report within last 5 yrs from major hospitals.	Must submit user list & performance report within last 5 yrs from major hospitals in India.
ITEM NO.15-VOLUMETRIC INFUSION PUMP	
Tender Specification	May please read as
Rate can set in volumetric: 1ml to 300 ml/hr (normal drip set) & 0.1 ml to 1200 ml/hr(micro drip set) (Increment: 0.1ml/h)	Rate can set in volumetric: 3 ml to 300 ml/hr with increment of 1ml/hr (normal drip set) & 0.1 ml to 1200 ml/hr(micro drip set) with Increment: 0.1ml/h
Rate can set in drop: 1 drop to 666 drop/min (normal drop) & 1 drop to 100 drop/min(micro drip set)	No Change
Displayed information: Infusion rate, pre-set volume, Accumulated infusion volume, Bed No., battery capacity, pressure value, AC power indicator, etc.	Displayed information: Infusion rate, pre-set volume, Accumulated infusion volume, Bed No.(preferably), battery capacity, pressure value, AC power indicator, etc.
Displayed Information: Mode. Rate. Accumulated Injection Volume, Syringe Size, Battery Capacity, Bed No., AC Power Indicator, Battery Charge Indicator	Displayed Information: Mode, Rate, Accumulated Injection Volume, Battery Capacity, Bed No(preferably), AC Power Indicator, Battery Charge Indicator
Air-bubble detection mechanism: ultrasound sensor	1Air-bubble detection mechanism: ultrasound sensor/ IR
Drop-detection method: by infra-red beam	No Change
Weight: Less than 2 kg	No Change
OPERATIONAL PARAMETERS AND ELECTRICAL	No Change
<ul style="list-style-type: none"> KVO: OFF; 0.1-5.0 adjustable 	
SAFTY SPECIFICATION	No Change
<ul style="list-style-type: none"> Water-Proof Grade : IPX21 	

Should be able to provide training of all healthcare personnel during first 1 month of installation in the group of 5 trainees per session	No Change
ADDITIONAL POINT TO BE ADDED	Should be US FDA /European CE with four digit notified no. approved product.

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**