

HSCC (I) Ltd

Amendment –III Dated 28.01.2020

Tender Ref : HSCC/AIIMS-RAEBARELI/Hospital/3/2019 Dated : 23.12.2019

Department: A. Anesthesia Department Hospital Block

Item No. 1of A: Blood and Fluid Warming Device

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 3	Should have digital temperature display of fluid	Should have digital temperature display of recirculating solution or cartridge.
	New Point Added	<u>READ AS-</u> Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: A. Anesthesia Department At Hospital Block

Item No. 2 of A: Non Invasive Ventilator

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
	New Point Added.	<u>READ AS-</u> Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 3 of A: Recovery Trolley

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 5	Should have hydraulic height adjustment with a foot paddle on either side of the trolley	Should have hydraulic height adjustment with a foot paddle on both side of the trolley
Point No 15.c	Dimension; Height Min.. 54 cm or less	Height min 60cm or less
	New Point Added	<u>READ AS-</u> Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 4 of A: ICU Monitor with CNS

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point 1	Advance high end modular/ New Modular patient monitoring having integrated non- invasive, invasive measurements & feature suitable for neo, pediatric & adult patients.	Advance high endModular patient monitoring having integrated non-invasive, invasive measurements & feature suitable for neo, pediatric & adult patients.
BOQ Point 7	Laser Printer- 5 Nos.	Laser Printer- 5 No. one with each Nursing station (CNS)

Point No 16	EtCO2 sample line: 10 Nos. (if applicable)	“EtCO2 Airway adapter/sample line: 10 Nos
Point No 17	CNS of 19” LED to be provided with one laser printer and one 21” slave monitor. The cabling has to be done by bidder in the ICU. One CNS with 16 monitors.	CNS of at least 21” LED to be provided with one laser printer and one at least 19” slave monitor. The cabling has to be done by bidder in the ICU. One CNS with 16 monitors.
BOQ. Point No .22, 23,24,25	Module for CO (Thermodilution), BIS Electrode, Module for BIS/Entropy, Module for inbuilt NMT resp.	Module for CO (Thermodilution), BIS Electrode, Module for BIS/Entropy, Module for inbuilt NMT resp.(To Quote price separately)
	New Point Added	READ AS- Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 5 of A: Recovery Ward Monitor

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 1	Modular / New Modular monitor with integrated non invasive measurements and features suitable for Neonate , Pediatrics and Adults patients	Modular monitor with integrated non invasive measurements and features suitable for Neonate , Pediatrics and Adults patients
Point No 15	CNS of 19” LED to be provided with one laser printer, The cabling has to be done by bidder in the HDU One CNS with 10 monitors (Optional)	CNS of at least 21” LED to be provided with one laser printer. The cabling has to be done by bidder in the HDU One CNS with 08 monitors
Point No. BOQ 13	CNS of 19” LED to be provided with one laser printer, The cabling has to be done by bidder in the HDU One CNS with 10 monitors (Optional)	CNS of 21” LED or more to be provided with one laser printer, The cabling has to be done by bidder in the HDU One CNS with 10 monitors
	New Point Added	READ AS- Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 6 of A: Transport Monitor

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
	New Point Added	READ AS- Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 7of A: Anesthesia Workstation with monitor and Ventilator for Anesthesia

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 4	There should be digital control and display for oxygen & electronic gas mixing.	There should be digital control and display for oxygen & electronic gas mixing along with digital display of cylinder and pipeline pressures.
Point No 5b	Should be provided with Pneumatic /Electronic Hypoxia guard	Should be provided with Electronic Hypoxia guard
Point No 8	Should be able to hold two selectatec vaporizers (Isoflurane, Sevoflurane and Desflurane) simultaneously. Vaporizers should be maintenance fee.	Should be able to hold two selectatec vaporizers (Isoflurane, Sevoflurane and Desflurane) simultaneously. Vaporizers should be maintenance free.

	Cost of vaporizers will be supplied as standard. The Anesthesia machine should provide desflurane compensation.	
Point No 18	Should have battery backup of at least 60 min.	Should have battery backup of at least 30 min or more
Point No 14	It should have colored screen.	It should have 12" colored touch screen.
Point No 20	Bidder must ensure regular supply of medical grade Sodalime with rate quoted separately.	Bidder must ensure regular supply of medical grade Sodalime 20 kg to be supplied with each machine .
II – Monitor Point No 2b	Should have atleast 15" or more TFT color display with up to 10 waveforms at a time.	Should have atleast 19" or more TFT color display with up to 10 waveforms or more at a time.
II - Monitor Point No 4d	Multigas analysis with auto detection of anesthetic agents	Multigas analysis with auto detection of anesthetic agents (either in anesthesia machine or monitor).
II - Monitor Point No 13	Display of Anesthesia ventilator data like waveform for flow, pressure Agent and loops and trendson patient monitor	Display of Anesthesia ventilator data like waveforms for flow, pressure, agents and loops and trends on Anesthesia Machine.
II - Monitor Point No 15	System should have anesthesia Charting facility. (Optional- Price to be quoted separately).	The System should be upgradable to have Charting facility. (Price to be quoted separately).
III	Anaesthesia Machine with Ventilator, Anaesthesia Charting and patient monitor should be from the same manufacturer.	Anaesthesia Machine with Ventilator, and patient monitor should be from the same manufacturer
BOQ Point No. 4	Desflurane Vaporizers-1No.	Desflurane Vaporizers is optional (Price to be quoted Separately)
BOQ Point No. 10	Module for CO (Thermodlutlon)-1 No.	Module for CO (Thermodlutlon)- is optional (Price to be quoted Separately)
BOQ Point No. 13	Anesthesia Charting (Optional)	Deleted
BOQ Point No. 23	Sodaline per kg (optional) 1 Kg	Medical grade Sodalime 20 kg to be supplied with each machine
	New Point Added	READ AS- Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 8 of A: Blood Gas Analyser

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 2	Essential Measured parameters; pH, pCO ₂ , pO ₂ , SaO ₂ with co-oximetry, tHb, Lactates/Glucose, Na ⁺ , K ⁺ , Ca ⁺⁺ , Cl ⁻ , All these parameters should be measured simultaneously.	Essential Measured parameters; pH, pCO ₂ , pO ₂ , tHb, Lactates and Glucose, Na ⁺ , K ⁺ , Ca ⁺⁺ , Cl ⁻ , All these parameters should be measured simultaneously. With relevant calculated parameters
Point No 4	Sample volume less than 150 micro litre.	Sample volume less than 200 micro litre.
Point No 11	Built in auto Quality Control Facility.	Built in auto Quality Control Facility on daily basis.
Point No 13	Cost of reagents/ Cartridge (including electrode if applicable) to be quoted for	Cost of reagents/ Cartridge (including electrode if applicable) to be quoted for

	comparative evaluation. Reagents for two year and extendable for another three years @ at least 20 samples/day for all test should be quoted and it will be taken for price comparison.	comparative evaluation. Reagents for two year and extendable for another three years @ at least 50 samples/day for all test should be quoted and it will be taken for price comparison
	New Point Added	READ AS- Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 9 of A: Nerve Stimulator

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 6	Impedance measuring range: 1 kΩ – 90 kΩ for target stimulation current > 0.5 mA	Impedance measuring range: 1 kΩ – 60 kΩ for target stimulation current > 0.5 mA
BOQ Point 5	Needle for continues plexus block of different size	5 cm, 7 cm and 10 cm long needle- 10 Nos. Each size.
	New Point Added.	Should be US-FDA or European CE with 4 digit notified body number or BIS

Item No. 10 of A: Fiberoptic Bronchoscope with Monitor and recording facility for adult and Pediatric

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Pediatric Scope : Point No.1	Field of View should be 120 degree or more	Field of View should be 90 degree or more
Pediatric Scope : Point No.3	Distal and Diameter should be 2.4 mm or less for adult	Distal end diameter 3.1 mm or less
Pediatric Scope, Point No.9	Up & Down angulations should be 180 degree and 120 degree or better	Up & Down angulations should be 120 degree or better
Video Processor and Light Source Point No. 1	Outputs : RGB, Y/C, VBS Composite XGA, &DV Simultaneous	Outputs: DVI/RGB/YC Composite and DVI simultaneous
Video Processor and Light Source Point No. 10	One spare LED Lamp should be supplied	LED lamp to have warranty as per tender conditions.
Trolley	Suitable Trolley to mount monitor, scopes, Light source and all accessories.	Suitable Trolley with castors to mount monitor, scopes, Light source and all accessories.
BOQ	New Added	UPS for complete System with minimum 30 minutes Backup(min 2 KVA)
	New Point Added.	Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 1 of E: Drug Cart/Crash Cart

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No. 5a.	Emergency Cart constructed of SS/aluminium and high density resin.	Emergency Cart constructed of SS material.
	New Point Added	Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 2 of E: Portable Ventilator

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No. 2.1	The portable ventilator should be light weight (<13 kg)	The portable ventilator should be light weight less than 10 kg.
Point No. 3.4b	PEEP/CPAP – 0-25cm H2O	PEEP/CPAP – 0-20cm H2O or more
Point No. 3.4d	RR up to 40bpm	RR up to 50bpm
Point No. 4.5	Air Hose-01	Deleted
Point No. 4.6	Rechargeable Batteries- 01 set	Deleted
Point No. 5.1	The unit shall be capable of being stored continuously in ambient temperature of 0 -50° C and relative humidity of 15-90%	The unit shall be capable of being stored continuously in ambient temperature of 0 -50° C and relative humidity of 15-90%
	BOQ Point 6&7	Deleted
	New Point Added	Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 3 E: ICU Ventilator

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 2	Screen should be minimum of 12" or more and integrated single screen.	Screen should be minimum of 15" or more and integrated single screen.
Point No 3	Com pressed air/oxygen driven.	Compressed air and oxygen driven.
Point No 4e	Advanced/intelligent mode like Pressure Regulated Volume control, closed loop Adaptive ventilation mode.	Advanced/intelligent mode like Pressure Regulated Volume control or closed loop Adaptive ventilation mode with automated weaning.
Point No 5j	Inspiratory flow and pressure trigger Sensitivity.	Inspiratory flow and/or pressure trigger Sensitivity.
Point No 7	In- line Nebulizer with capability of producing <3 micron drug particle	Inline / Integrated Nebulizer with capability of producing <3 micron particle .
Point No 9	Compiled trend analysis at least for 24 hours for all measured parameters.	Compiled trend analysis at least for 48 hours for all measured parameters.
Point No 12	Should display minimum 2 curves/graphs/loops simultaneously on the screen	Should display minimum 3 curves/graphs/loops simultaneously on the screen

Point No 19	Ventilator should have external compressor, from the same manufacturer (Price to be quoted separately)	Ventilator should have external/internal compressor from the same manufacturer (Price to be quoted separately)
Point No 21	Oxygen sensor should be paramagnetic /ultrasonic/galvanic and covered under warranty and cmc and will be supplied free of cost during warranty and cmc period.	Oxygen sensor should be paramagnetic /ultrasonic and covered under warranty and cmc and will be supplied free of cost during warranty and cmc period.
Point No 22	Should provide ET-tube leak compensation.	Should provide automatic compliance, leakage and ET Compensation.
	New Point Added	Should have Weaning parameters such as P0.1, Negative inspiratory force, vital capacity
	New Point Added	Should have EtCO2 module - side stream or main stream
	New Point Added	READ AS- Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 4 E: DVT Pump

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 1	Provide graduated ,sequential compression and rapid impulse inflation to calf, foot and thigh	Provide graduated ,sequential compression or rapid impulse inflation to calf, foot and thigh
Point No 5	Should deliver constant pre set pressure ranges- Digital 52 plus minus 10%mmHg	Should deliver constant pre set pressure ranges- Distal 50-130 mmHg \pm 10%
Point No 6	Pro 45 plus minus 10%mmHg	Proximal 40 mmHg \pm 10%
BOQ Point 2	Cuff of Universal Size : Calf, Thigh, Foot -6 Each	Cuff of Universal Size : Calf-20 Nos., Thigh-15 Nos., Foot-10Nos.
	New Point Added	Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 5 E: Patient Warming System

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 2	Should have two air flow settings for the air flow 48cfm/49.9cfm/32cfm for adult and infant patient in same machine	Should have one or more air flow settings for the air flow 48cfm/49.9cfm/32cfm or better for adult and infant patient in same machine
Point No 6	Should have digital hour meter	Should have digital hour meter or have a specific life of filter
Point No 7	Should have microprocessor control system to allowed a multi-staged heater	Should have microprocessor control system
Point No 8	Three heater element to eliminate flicker of or lighting	Deleted
Point No 9	Should have temperature Range Ambient 43 degree Celsius plus minus 1.5 degree Celsius max.	Should have temperature Range Ambient to 43 degree Celsius or better
Point No 12	Should distribute even temperature across the blankets and patients	Should distribute even temperature across the blanket
Point No 13	Blanket should not be more than 160 gm. Weight	Blanket should be 200 gm or less weight
Point No 15	Should ensure even temperature from head to toe.	Should ensure even temperature at all points of blanket.
Accessories 3	Adult Under Body Blanket 10	Adult Upper Body Blanket 10 No.
Accessories 4	Pediatric Under Body Blanket 5	Adult Lower Body Blanket 5 No.

Accessories 5	Large Pediatric Under Body Blankets 5	Pediatric Under Body Blankets 5 No.
	New Point Added	Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 6 E: Defibrillator with CPR Capability

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 2	The defibrillator should be Biphasic waveform with 3 waveform display.	The defibrillator should be Biphasic waveform with minimum 3 waveform display
Point No 6	In manual mode, the unit should provide energy selection at (1-10, 15,20,30,70,85, 100,150,200) joules and AED mode of up to 150 J.	In manual mode, the unit should provide energy selection from 0 to 200J and AED mode of up to 150 J.
Point No 14	In addition to standard accessories following items to be supplied with each unit: Li-Ion battery Reusable airway adaptor to be used with etCO2 sensor and cable Reusable CPR feedback sensor / or similar product reused at least 90 patients.	It should have built in battery of Li-Ion /Ni-MH
BOQ Point No 8	Li-ion smart battery	Deleted
BOQ Point No. 7	Reusable Airway adaptor to be used with etCO2 sensor and Cable -1 No	Reusable Airway adaptor to be used with ETCO2 sensor and Cable(side stream /main Stream) -1 No.
BOQ Point 9	Malfunctioning Defibrillator /pacing padz (Disposable)-10 Nos.	Malfunctioning Defibrillator /pacing padz (Disposable)-20 Nos.
BOQ Point 11	ECG Rolls -10 Nos.	ECG Rolls - 50 Nos.
	New Point Added	<u>READ AS-</u> Should be US-FDA or European CE with 4 digit notified body number or BIS

Department: E. Other Equipments in Hospital Block

Item No. 7 E: Volumetric Infusion Pump

Spec. Sr. No.	TENDER SPECIFICATION	READ AS
Point No 3.1	Battery backup operating time 5 hrs.	Battery backup operating time should be at least 4 hrs.
Point No 3.3	Alpha numeric programming keyboard.	Numeric programming keyboard.
Point No 3.7 & 3.8	Flow rate range (Primary) 0.1 – 99.9ml/hr (0.1ml increments) and 1 – 1200 ml/hr	Flow rate range 1 – 1200 ml/hr with 1 ml increment.
	New Point Added	Should be US-FDA or European CE with 4 digit notified body number or BIS

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For Nephrology Department (D) Specifications are remain unchanged for all items.

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Clause	TENDER Condition	READ AS
GIT 27.4 –(i)	The following are some of the important aspects, for which a tender shall be declared non – responsive and will be summarily ignored; (i) Tender form as per Section IX (signed and stamped) not enclosed	Tender shall not be declared non-responsive if Tender Form as per section –IX is not submitted in on-line bid.

In the view of the above, it is extend the bid submission date for Equipment under Anesthesia Department, Nephrology Department and Other Equipment from 28.01.2020 to 06.02.2020.

Amendments of Equipment under Cardiology Department, Dental Department & Equipment for Medical College are pending, However, their bid submission date is also extended to 06.02.2020.

All other terms and conditions of the tender enquiry documents including Amendments issued so far shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/CPMP Website for the Corrigendum/amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the newspaper in this regard.

**For CGM (P)
HSCC (I) Ltd**