

Amendment -II dated 12.11.2015

IFB: HSCC/KCGMC/Medical Equipment /2015-03 dated 22.10.2015

Department of Medicine: Item no. 4,6 & 7		
Item no.	Tender Specification	Tender Specification may please read as
04 Haemodialysis Machine (Regular)	1.9*Wide dialysate flow rate option (300-700 ml/min <u>with increments of 100 ml/mt</u>).	As per tender specification
	1.18. High resolution color touch screen with functional keys.	LCD display with touch pad or touch screen
	2.16. COMPULSORY accessories, which are must for smooth and safe running of machine must be quoted along with machine including data processing computer and printer if required.	COMPULSORY accessories, which are must for smooth and safe running of machine must be quoted along with machine including data processing computer and printer.
	3.20. Suitable servo controlled stabilizer/CVT/UPS should be supplied, if required.	Suitable UPS should be supplied
	4.2 Should be FDA/European- CE/IVD certified	USFDA or European CE certified
	5.7.List of important spare parts and accessories with their part number and cost should be provided	To be covered by vendor under warranty
	5.11. If some component/ part of machine or its accessories are to be provided by Indian counterpart/agent that should be very clearly defined in the bid and its cost should be clearly separated out	To be covered by vendor under warranty
06 Upper GI Endoscope	3.1 (2)*Minimum of 130 degree of field of view	120-140 degree or more
	3.1(3) Range of observation atleast from 5 mm to 90 mm	5mm to 100mm or better
	3.1 (4) Angulations of tip up at least 180 degrees and down 90 degrees with right and left movement of at least 100/100 degrees	Up : 180 degree or more Down : 90 to 120 degree or more Right : 100-120 degree or more Left : 100-120 degree or more
	3(10)* -Colour adjustment: Chroma (Red & Blue Color) control with approx. 14 increments Edge /structures ENH: 4 to 8 4/5 levels of switchable settings (for Both edges &structures)	3(10) *Colour adjustment: Chroma (Red & Blue Color) control with approx. 14 increments Edge/ Structure /surface ENH: 4/5 levels of switchable settings (for Both edges/structures/surface)
	-Image Display Size: 3 or 4 different sizes of Image display on monitor possible for Small/Medium/ procedural Convenience Full Height)	Point Stands Deleted
	3(11)*Emergency Lamp: Halogen 12V 100 Watts with apprx 100hrs or more life.	3(11) * Emergency Lamp: Halogen 12V 100 Watts / LED with apprx 500hrs or more life. (With Twospare bulbs)
	14'' Flat Screen color LCD Monitor (high Resolution)	Compatible 19 inches or more HD medical LED monitor
		4. System Configuration Accessories, spare & consumables: point 5 to 12 Stands Delete
	7.2 Should be FDA, CE,UL or BIS approved product	7.2 European CE or USFDA
		To be added: Trolley & UPS atleast 20 min. backup

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<p>07 Channel Video EEG Machine Digital with Simulator with Central Reading Station</p>	<p>64 Channels Amplifier (64) including 9 active/references and <u>eight additional channels for polysomnography (ECG, EMG, Breath, oral nasal flow, respiratory belt etc)</u> also any two channels can be configured as Bipolar, AC or DC through software wired(Ethernet 100 baseT, IP addressable, DHCP capable) including additional should transmit for any number of days using hot swappable batteries without interfering in each others transmission.</p> <p>Detachable 32 channels 10-20 electrode system (Quick Disconnection Box) with amplifier. It is mandatory that patient can go anywhere with detachable 32 channels 10-20 electrode system without any loss of EEG data</p> <p>The amplifier unit shall include two isolated ground and reference connections and (min) 12 Hours Battery Backup with 32 GB onboard memory to facilitate data catch up automatically when patient is out of range. Additional 2 Nos. of hot swappable rechargeable batteries for system</p> <p>The system should have facility to do proper polysomnography with synchronised CPAP titration.</p> <p>Sampling Rate:20 KHz and higher</p> <p>Hot swappable Lithium ION Batteries with extra charger set for the system</p> <p>High Filter: Adjustable between 15 to 2000 Hz</p> <p>Built in Memory card of 32 GB or higher having capability to record EEG Data while the patient is not connected to Ethernet (i.e Exams within hospital &/ or going to toilets etc). There should be facility to automatically transfer the recorded data from the on board memory as soon as the amplifier is connected to Ethernet again.</p> <p>Water proof pouch with belts etc for easy carrying & safety to the amplifier. 2 Waterproof cover for system for use during washing hours.</p>	<p>32 Channels Amplifier (32) including 6 bipolar channels wired connectivity (Ethernet/USB)</p> <p>Deleted</p> <p>Deleted</p> <p>Deleted</p> <p>Deleted</p> <p>Sampling rate 1 KHZ or more</p> <p>Deleted</p> <p>Deleted</p> <p>Deleted</p> <p>Deleted</p>
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	<p>Amplitude Integrated EEG(aEEG)- both bipareital and cross cerebral method. EEG Amplitude- Trend and Number Spectral Edge Frequency-Trend and Number EEG Power Spectrum Comparison of signals from both hemispheres. Brain Mapping through software. Latest Spike and seizure detection & Polyomnography scoring software to be available with the system.</p> <p>Review Software(1 No for main system, 1 for additional review station which will be install in Neurology faculty room and connected to main system through proper networking/LAN total 02 software keys)</p> <p>Compatible EEG net caps 3 of each small, medium and large size saline applicable (total 09)</p> <p>Ten 20 Paste, 228 Gms Jar-50 Nos. Nu-Prep Gel, 114 Gms tube-50 Nos.</p> <p>Comprehensive warranty for 5 years & 5 years CMC after warranty. No extra charges for warranty or CMC for above duration.</p> <p>7.2 Should be FDA , CE,UL or BIS approved product</p>	<p>Deleted</p> <p>Review Software 1 No for main system to be connected to main system through proper networking /LAN</p> <p>Deleted</p> <p>EEG Conductive paste, 228 Gms Jar-50 Nos Skin preparation Gel, 114 Gms tube- 50 Nos</p> <p>Warranty 2 years + 5 years CMC</p> <p>Should be US FDA or European CE</p>

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Department of Psychiatry: Item no.02		
Item no.	Tender Specification	Tender specification may please read as
02 EEG Machine	Unlimited montage formation can be possible	1 TB Storage or more
	A/D conversion 14 bit in hardware	A/D conversion 14 bit or better in hardware
	-Compatible with Windows 98 and windows millennium.	Desktop PC having core i5 or better processor , 4GB RAM, atleast 1TB HDD, windows7 or windows 8 or latest OS
	Accessories : Re-usable patient leads, EEG, Jelly, PC Cable etc	Accessories : Re-usable patient leads- 02 sets, EEG conductive Jelly- 05 nos, all PC Cable skin prepping Gel Nuprep- 50 nos.
		added System must have European CE or US FDA certificate
	-Facility to achieve data on <u>CD</u>	Facility to achieve data on CD/DVD
	-User editable photic sets with frequencies ranging from 1 to 30 Hz.	User editable white LED photic sets with frequencies ranging from 1 to 30 Hz
	- Compatible with Windows 98 and windows millennium. Fully compatible with Celeron Pentium - P - III, Pentium - IV and (Hardware).	Branded PC with atleast 1TB Hard disk, 4 GB RAM,i5 processor, 19" TFT
	- Sensitivity / LF / HF / Notch / <u>Muscle Rej</u> / Montage implemented in a only for display / Printouts.	Sensitivity / LF / HF / Notch / Montage implemented in a only for display / Printouts
- Muscle Rej. ON / 00, 30 Hz double pole	Deleted	