

Dr Baba Saheb Ambedkar Hospital
(Govt of NCT of Delhi)
Sector-6, Rohini, Delhi – 110085

Hospital Open Tender – List of Items (Medicine Department)

Tender ID – 2017_BSAH_130983_11

S. No.	Name Of The Items	Specification If Any	Unit(s) required*
1	CARDIAC DEFIBRILLATOR	<ul style="list-style-type: none"> ➤ Display: 7" colour TFT (minimum 7") ➤ Battery: Rechargeable ➤ LED indicator: low battery and battery charging ➤ Event recorder ➤ Built in ECG printer Defib: ➤ Operating Mode: manual ad automatic external defibrillation ➤ Waveform: BIPHASIC ➤ Energy: 2 to 330 joules ➤ Adult and paediatric paddles support should defibrillate though paddles and pad ➤ Charging time: Less than 8 Sec. ➤ Synchronous cardio version: ➤ Adults and paediatric paddle assembly ➤ Should have facility to charge battery within and outside defibrillator though external charger ➤ Should have external pacemaker pads facility ➤ Should be CE / FDA approved ➤ Should have optional SPO2 monitoring probe 	Total 06 (Six) Nos. including 04 (FOUR) Nos. for deptt of Medicine & 02 (Two) Nos. for Emergency /Casualty

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		<ul style="list-style-type: none"> ➤ All the accessories for above mentioned functions should be supplied with equipment and replenished for the life of equipment (Expendable, as and when required) 	
2	CARDIAC MONITOR	<ul style="list-style-type: none"> ➤ Standard parameter ECG, Resp. Rate, NIBP, SpO₂, Temp, PR (Pulse Rate) ➤ Minimum 12 inch screen ➤ 7 Lead ECG wave form display ((E+1 rhythm) ➤ Recording facility for ECG wave forms ➤ Digital SpO₂ probe ○ Arrhythmia Alarm ○ Protection of pacemaker ➤ Protection against interference from defibrillation and electro surgical unit ➤ Adjustable audio and visual alarm for events ➤ Applicable to ICU CCU, adult & Paediatric patients ➤ Built in high capacity battery, battery-low indicator upto 2 hours working time ➤ All the accessories for above mentioned functions should be supplied with equipment and replenished for the life of the equipment (Expendables, as and when required) 	16 (SIXTEEN) Nos.
3	FIBEROPTIC BRONCHOSCOPE	<ul style="list-style-type: none"> ➤ Fiber optic Bronchoscope ➤ A forward looking flexible bronchoscope system capable of diagnostic and therapeutic procedures in pulmonary diseases is required. The system should be portable within the hospital. 	1 (ONE)

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	<ul style="list-style-type: none"> ➤ Field of view- in excess of 110 degree ➤ Depth of field – from 3 mm to 50 mm ➤ Distal end outer diameter – less than 5 mm ➤ Insertion tube outer diameter – less than 5 mm ➤ Working length – 600 mm ➤ Channel inner diameter – 2.2 mm or more ➤ Minimum visible distance from end – 5 mm ➤ Angulations achieved – up 180 degree, down 130 degree ➤ Total length – 900 mm ➤ Compatible light source, suction pump, leak tester and trolley in which entire assembly may be mounted ➤ Must meet American/European standards of safety ➤ Standard accessories set for diagnostic purpose to be provided with extra fenestrated and alligator forceps no 2 each ➤ Bronchoscope and accessories should be easily disinfected and sterilized with commonly available methods ➤ Training of staff in operating the system and disinfection procedures to be provided ➤ Certificates of satisfactory provision of service issued by large hospitals based in Delhi is desired ➤ Must meet all warranty/penalty conditions that may be applicable according to Delhi Government central purchase authority rules. 	
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4	BI LEVEL POSITIVE AIRWAY PRESSURE MACHINE (BI PAP)	<ul style="list-style-type: none"> • Should be strong, compact and light weight unit • Simple to operate there should be following ventilation modes <ul style="list-style-type: none"> ➤ Spontaneous (S) ➤ Spontaneous Timed (S/T) ➤ Pressure Control (PC mode) ➤ Timed (T) ➤ Hybrid ventilation ➤ mode (AVAPS or IVAPS) • Should have digital auto tracking for optimal patient / ventilator synchrony • Should be able to automatically adjusts the variable trigger • Should be able to adjustable comfort levels for optimum patient comfort • Should have a SD card for recording data for better patient management • Technical parameters <ul style="list-style-type: none"> ➤ IPAP – 4-30 cm H₂O ➤ EPAP – 4-30 cm H₂O ➤ CPAP – 4-20 cm H₂O ➤ Breath Rate – 0 – 30 BPM ➤ Ramp Duration – 0-45 minutes, adjustable in 5 mts increment ➤ Inspiration time – 0.5 secs to 3 secs ➤ Digital auto track 	Two (2) units
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		<ul style="list-style-type: none"> ➤ Rise time – 100 msc – 600 msc • Display ➤ Backlit LCD: Should display the following parameters – pressure, respiratory rate, minute ventilation, Vte, leak ➤ Alarms: audio visual alarms for power failure, low/high pressure, apnea, Low minute ventilation, patient disconnect • Should be supplied with 1 reusable Full Face Mask, made of silicon • Should have built in heatable humidifier with 5 heating settings with no spilling of water to prevent damage to the unit • External power supply • Low noise: <30dB • Power input 100 – 240 VAC, 50/60 Hz with Indian plug • Provider should have good service facility in Delhi for good service back up • The device should have US FDA approval 	
5	ECG MACHINE (THREE CHANNEL)	<p>ECG MACHINE (THREE CHANNEL)</p> <p>The Machine should have:</p> <ol style="list-style-type: none"> 1. Should have inbuilt battery, and should be able to run on electricity point. 2. Should be able to do minimum of 2 hours of Battery back-up. 3. Should have minimum of 3” LCD display (Coloured) 4. Should give 12 leads ECG, in 3 channel format. 	04 (Four) Nos. for ECG Deptt. (Medicine)

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		5. Should have electrodes with clips supplied with the machine (4 limb leads), (six chest leads with Bulb)	
6	PHARMACEUTICAL REFRIGERATOR 300 LTRS		Total 06 (Six) Nos. including 02 (TWO) Nos. for Medicine Store & 02 (Two) Nos. for pitampura Polyclinic & 02 (Two) Nos. for Sector-4 Polyclinic /Casualty
7	TEMPERATURE MONITORING DEVICE FOR REFRIGERATOR (digital thermometer)		07 (SEVEN) Nos. for medicine stores

*The quantity is approximate and may vary at the time of placing orders.