S.No.	Equipment	Specifications
1	Polysomnograph & related equipment	• Diagnose sleep apnea breathing disorder • Detailed heart rate variability analysis • Record periodic limb movement disorder for restless legs syndrome • Identify Narcolepsy and sudden attacks of sleep • Rapid Eye Movement sleep Behaviors track • Detect unusual behaviors during sleep • Unexplained chronic insomnia screening • Upto 24/32 Channels of Acquisition • Light Weight and Compact amplifier with High quality of Electrodes • Unlimited continuous recording • Nonin SpO2 supported • Facility to mark pages for printing in review • Inbuilt 24 channel dedicated EEG with brain mapping and advance CSA/DSA • Synchronized photic flash for EEG • CPAP and BiPAP Interfacing for titration • Ethernet enabled (Remove Monitoring) over the LAN • Make Autorun CD/DVD which can be played on any system with the software setup • Unlimited continuous Synchronized full HD video with IR for PSG recording • Warranty = 3 years atleast **Technical Specification** A/D Conversion 16 bit ADC Sampling Rate 1024 Hz Sensitivity 1 to 1500 µV/mm & user definable Low pass filter 0.1, 0.3, 0.5, 1, 3, 5, 7 Hz & user definable High pass filter 0.1, 0.3, 0.5, 2, 10, 15,35, 70,99 Hz and user definable Notch Filter 50/60 Hz Input Impedance > 10 M Ohms CMRR > 100 db Noise level < 0.3 µV RMS EEG channels 19 Polygraphic channels 6 SLEEP STAGING EOG channels 2 EMG channels 2 RESPIRATORY MONITORING Channels for: Pulse 1 Pressure airflow sensor (cannula) 1

		Thorax respiratory effort sensor 1 Abdominal respiratory effort sensor 1 Snoring sensor Body position sensor 1 ECG channel 1 SpO2 channel 1(Nonin) Limb movement 1 Weighing machine 1 Digital sphygmomanometer 1 Herpenden skin fold caliper 1 Respiratory exerciser (spirometer) for 100 patients 100 OS: Windows 10 Professional 32/64bit or higher, Processor:i3 or higher, RAM:4GB or higher, 500 GB hard disk or higher, CD/DVD Optical Drive, Screen Resolution 1024*768 or higher Wooden trolley for keeping computer and printer (laserjet for printing multicolored waveforms with sufficient A4 sheets and cartdridges for 3 years) alongside 6 ftX 3 ft bed/ diwan (wooden) with comfortable height Mattress (good quality)+ 5 white cotton bed sheets 2 Pillows (good quality) + 10 white cotton pillow covers 2 comforters/2 Blankets for summers/ winters Sufficient cotton, gel, disposable electrodes etc. for 100 patients

Annexure –A