

Technical specification for Procurement of Three Para monitor.

- 1) The screen display size must be at least 10" with Colour TFT.
- 2) The Three Para must be with ECG sweep speed 12.5, 25,50mm/sec.
- 3) Machine must be light weighted.
- 4) Machine must be touch screen key operation.
- 5) Machine must have SpO₂, NIBP, ECG, Plethysmograph display with 48 hour trend display.
- 6) Machine must be with rechargeable battery with 1-3 Hr battery back up.
- 7) Machine must have SpO₂ range of 0-100% with accuracy of $\pm 2\%$.
- 8) Machine must have pulse rate range of 25-250 BPM.
- 9) Machine must be with automatic oscillometric NIBP.
- 10) Machine must have NIBP display parameter as SYS/DIA/PR/Arterial pressure with pressure unit mmHg/kPa
- 11) Machine must have NIBP accuracy of $\pm 3-5\%$
- 12) Machine must have Auto/Manual/Stat NIBP mode facility.
- 13) Machine must have NIBP cuff pressure range of 0-300mm Hg for Adult and child.
- 14) Machine must be with ECG calibration of 1mv.
- 15) Machine must have ECG lead selection facility.
- 16) Machine must have facility of visual & beep alarm.
- 17) Machine must have ECG heart rate range of 10-350 BPM.
- 18) Machine must be with QRS Indicator.
- 19) Machine must have protection against electrosurgical interference and defibrillation shock.
- 20) Machine must be attachable to Central Nursing Station.
- 21) The machine must be supplied with all the essential accessories eg Power cord, ECG Patient cable, NIBP cuff, SpO₂ sensor, AC adapter etc in 2 set & one carry bag
- 22) Machine must be provided with wall mountable stand .
- 23) Tender should be filled by original manufacturer only.
- 24) Machine should have warranty of 2 years.

Minor Parameter

- 1) Firm may submit its past supply performance/ credential e.g ISO certificate.
- 2) The company should submit the list of major hospitals where same kind of equipments has been installed in last three years, and also submit a satisfactory certificate of the same.
- 3) The firm should have an authorized service centre in Jabalpur or should clearly mention about the service centre, which can provide the service within 24 hours of registering complaints.
- 4) Firm must confirm for entering in to AMC/CMC with consignee after expiry period.

Technical specification for Procurement of Multi Para monitor.

- 1) The screen display size must be at least 10" with Colour TFT.
- 2) Machine must be light weighted.
- 3) Machine must be touch screen key operation.
- 4) Machine must have SpO₂, NIBP, ECG, Resp, Temp, and display with 48 hour trend display.
- 5) Machine must be with rechargeable battery with 1-3 Hr battery back up.
- 6) Machine must have SpO₂ range of 0-100% with accuracy of $\pm 2\%$.
- 7) Machine must be with automatic oscillometric NIBP.
- 8) Machine must have NIBP display parameter as SYS/DIA/PR/Arterial pressure with pressure unit mmHg/kPa
- 9) Machine must have NIBP accuracy of $\pm 3-5\%$
- 10) Machine must have Auto/Manual/Stat NIBP mode facility.
- 11) Machine must have NIBP cuff pressure range of 0-300mm Hg for Adult and child.
- 12) Machine must have NIBP repeat cycle facility for 1-10, 15-30, 60, 90,120 minutes.
- 13) Machine must be with ECG calibration of 1mv.
- 14) Machine must have ECG lead selection facility.
- 15) Machine must have facility of visual & beep alarm.
- 16) Machine must have ECG heart rate range of 10-350 BPM.
- 17) The Multi Para must be with ECG sweep speed 12.5, 25,50mm/sec.
- 18) The machine must have ECG gain adjustment facility.
- 19) Machine must be with QRS Indicator.
- 20) Machine must have protection against electrosurgical interference and defibrillation shock.
- 21) Machine must be attachable to Central nursing station.
- 22) Machine must have up gradation facility for Co₂, Cardiac output, Dual IBP, Multi gas monitoring whenever required.
- 23) Machine must be provided with wall mountable stand.
- 24) Tender should be filled by original manufacturer only.
- 25) The machine must be supplied with all the essential accessories eg Power cord, ECG Patient cable, NIBP cuff, SpO₂ adult sensor probe, Temperature probe, power cord, AC adapter etc in 2 set & one carry bag.
- 26) Machine should have warranty of 2 years.

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- 2) The company should submit the list of major hospitals where same kind of equipments has been installed in last three years, and also submit a satisfactory certificate of the same.
- 3) The firm should have an authorized service centre in Jabalpur or should clearly mention about the service centre, which can provide the service within 24 hours of registering complaints.
- 4) Firm must confirm for entering in to AMC/CMC with consignee after expiry period.

Technical specification for Procurement of CNS.

- 1) The machine must be with continuous monitoring of chosen critical patients.
- 2) Machine should have connectivity to single Para, two Para, three Para, and multi Para monitor
- 3) Machine should have facility for major data monitoring/ review facility and print facility.
- 4) Machine must have freezing & zooming facility for particular patient.
- 5) Machine should have multiple display facility.
- 6) Machine should have facility for event marker.
- 7) Machine should have facility for visual & audible alarm facility.
- 8) Machine must be with Ethernet interface.
- 9) Machine should have facility for data transmission via internet.
- 10) Machine should have auto saving facility.
- 11) Machine should have facility for print/ save/ & send in PDF format.
- 12) Machine should have data monitoring facility for at least 8-12 beds which should be extendable in future if need arises.
- 13) Machine must be with display monitor of atleast 21"Width.
- 14) Machine must be with A4 size paper support.
- 15) Machine should have warranty of 2 years.
- 16) Tender should be filled by original manufacturer only.

Minor Parameter

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- 2) The company should submit the list of major hospitals where same kind of equipments has been installed in last three years, and also submit a satisfactory certificate of the same.
- 3) The firm should have an authorized service centre in Jabalpur or should clearly mention about the service centre, which can provide the service within 24 hours of registering complaints.
- 4) Firm must confirm for entering in to AMC/CMC with consignee after expiry period.