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MADHYAMGRAM MUNICIPALITY

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Ref No: MM/E.O./HOSP/MONITOR/NIQ-111/25-26
SECOND CALL

Date: 01/08/2025

ANNEXURE-I

SL NO	Name of the Articles	Pack size
1	<u>MULTIPARA PATIENT MONITOR</u>	1 NO.

FOLLOWING SPECIFICATION & FEATURES ARE REQUIRED FOR MULTIPARA PATIENT MONITOR FOR GYNO WARD.

TECHNICAL SPECIFICATION OF MULTIPARA PATIENT MONITOR

POWER SUPPLY – 100-240 V, 50/60/Hz, adopts 12.1" color TFT LCD DISPLAYING REAL -TIME DATE AND WAVE FORM. SYNCHRONOUSLY DISPLAY EIGHT - CHANNEL WAVEFORM AND FULL MONITORING PARAMETERS EQUIPPED WITH AN OPTIONAL 48MM THERMAL RECORDER.

.REPLACEABLE INTERNAL BATTERY BRINGS LOT OF CONVENIENT FOR PATIENT MOVING.

THE REQUIRED MONITOR DEVICE SUCH PARAMETERS AS ECG, RESP, NIBP, SPO2, & DUAL – CHANNEL TEMP., ETC.

FEATURES :

- 33) 12.1 INCH TFT COLOR LCD , MULTI LANGUAGE INTERFACE.
- 34) FANLESS DESIGN , QUIET, ENERGY- SAVING AND CLEAN, WHICH REDUCES THE POSSIBILITY OF CROSS- INFECTION.
- 35) ALL- ROUND MONITOR FOR ADULT , PEDIATRIC AND NEONATE.
- 36) WITH STANDERD INTERFACE , OXYGEN GRAPH, TREND GRAPH, BIG CHARACTER INTERFACE AND VIEW BED, CONVENIENT TO OBSERVE.
- 37) FINISH ALL OPERATION BY KEYS AND KNOBS.
- 38) MAXIMUM 8- CHANNEL WAVEFORM SYNCHRONOUS DISPLAY.
- 39) DISPLAY 7-LEAD ECG WAVEFORM ON ONESCREEN, CASCADE ECG WAVEFORM DISPLAY.
- 40) ADOPT DIGITAL SPO2 TECHNOLOGY, ANTIMOTION AND ANTI- AMBIENT LIGHT INTERFERENCE, AND MEASURMENT CAN BE PERFORMED UNDER THE CIRCUMSTANCE OF WEAK FILLING.
- 41) HEART RATE VARIABILITY (HRV) ANALYSIS FUNCTION.
- 42) NIBP MEASURMENT MODE: MANUAL/AUTO/STAT, STORAGE FOR 4800-GROUP NIBP DATA.
- 43) REVIEW FOR 71 ALARM EVENTS OF ALL PARAMETERS AND 60 ARRYTHMIA ALARM EVENTS.
- 44) DRUG CONNECTION CALCULATION AND TITRATION TABLE FUNCTIONS.
- 45) ONE-TOUCH PRINTING OF TREND GRAPH.
- 46) CONNECT TO CENTRAL MONITORING SYSTEM BY 3G, WIFI OR WIRED MODE.
- 47) AC/DC, BUILT- IN RECHARGEABLE LITHIUM BATTERY ACHIEVE UNITERRUOTED MONOTORING.
- 48) ANTI- HIGH FREQUENCY SURGICAL UNIT, DEFIBRILLATION – PROOF (SPECIAL LEAD ARE NECESSARY).

PERFORMANCE

ECG

LEAD MODE: 3LEAD OR 5LEAD

LEAD SELECTION: I,II,III, aVR,aVL,aVF,V

Wave form : 5 lead, dual – channel, 3 lead, single channel

Gain : 2.5mm/mV, 5.0mm/mV, 25mm/s, 50mm/s

HR: measurement and alarm range : 15 to 350bpm

Accuracy: (+,-) 1% or (+,-)1bpm, whichever is greater

Alarm accuracy : (+,-)2 bpm

Resolution : 1 bpm

St- segment monitoring:

Measurement & alarm range : -2.0mVto +2.0mV

Accuracy : -0.8mV to + 0.8mV(+,-)0.04mV or +,-10% , whichever is greater

Arrhythmia analysis : ASYSTOLE, VFIB/VTAC, COUPLET, BIGEMINY, TRIGEMINY, RONT , VT>2,PVC, TACHY, BRADY, MISSED BEATS, PNP, PNC

Thanking you,



Executive Officer

Madhyamgram Municipality