

Technical Specification For Delivery Beds for Dept. OF OB & G

1. General Technical Specifications:

- 1 Should be suitable for patient stay & at the time of need convertible to delivery table
- 2 All required accessories i.e. Patient hand grip, Leg/Calf rest should be integrated to bed & can be rotate & fix.
- 3 Should have 3 sectional foam mattress with PVC cover and with removable head & leg section . Three section laminated top with perennial "U" notch. Backrest, heightand trendelenburg and reverse trendelenburg adjustments electricallyoperated on actuators with user friendly handse/remote.
- 4 Bed must be designed egonomically to avoid sliding of mother/patient and better comfort.
- 6 All sections have to be compact, closed, without sharp edges
- 7 Foot rest has to be:
 - Fully manual adjustment
 - Foldable / swivel
 - Angle of the foot rest adjustment: 0° - 25°
 - Middle position of the foot rest can be used as safety board for safety of new born baby
- 8 Leg holders (pair) have to be:
 - Removable from the main body of the delivery bed
 - With integrated prop-holders for the woman (removable)
 - With upholstery
 - Lever system – easy to adjust, easy to read if it is fixed or loosen
- 9 Must be supply with with SS tray, SS Telescopic IV Pole, SS Hand grips, PaddedLithotomy Crutches (pair) and Rubber buffers. PU foam mattress covered with rexine
- 10 Should have integrated plastic bowl & possible to hide under the seat part
- 11 Should have Remote hand controller with the spiral wire/embedded control panels
- 12 Side supports should be fully removable /Dropdown
- 13 Must be equiped with heavy duty castors of 150 mm dia, with central and directional locking system. Battery back-up with built-in charger.
- 14 Must be Pretreated and powdercoated finish.
- 15 Leg section can be telescoped under the backrest section for lithotomicpositions
- 16 Must have removable ABS head & foot boards
- 17 **Dimensions of Chair**
- 18 Total Length of the loading area (including the foot rest): min. 2000mm $\pm 5\%$
- 19 Total width: min. 1000mm $\pm 5\%$
- 20 Electrical adjustment by the remote hand controller / by the wireless foot controller
- 21 Up-Down: From 550-900 mm $\pm 5\%$
- 22 Angle of back part adjustment: $(0-70^{\circ}) \pm 5\%$
- 23 Angle of seat part adjustment: $0^{\circ}/+20^{\circ} \pm 5\%$
- 24 Angle of Trendelenburg position: $(-12^{\circ}$ and $+ 12^{\circ}) \pm 5\%$
- 25 4 castors with diameter 125-150 mm with central breaking facility for uptimum stability & manoeuvrability.
- 26 Integrated holders for the telescopic infusion stand/Iv rod on the both sides of the bed within the shape of bed
- 27 **Upholstery (mattress) :**
 - a Back part and seat part (one piece) with Thickness: 75mm $\pm 5\%$.
 - b Should be seamless, fully removable.
 - c Foot part mattress: Thickness: 50mm $\pm 5\%$, Seamless, fully removable,Compatct surfaces for easy cleaning
- 19 Safe working load :-Minimum 200kg ?
- 20 Dual side Manual CPR levers to lower the back rest instantly in the event of an emergency
- 21 Battery back up for all the movements in the event of mains failure .

Mamika
9/15/24

Hanna
9/15/24

Amr
09/10/24

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Saba
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2. Accessories (To be supply along with the system)

- 1 Deliver Bed
- 2 IV Rod :-2 nos
- 3 SS Fluid collection bowl:-1
- 4 Leg Supports :-1 pair

3. Documentation:

- 1 User / Technical / Maintenance manuals to be supplied in English.
- 2 Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
- 3 **Cost consumables and accessories(not listed in BOQ) which are not covered under warranty(no spare parts will be considered as consumables /accessories) & CMC period has to quote in schedule XI as percentage value in the Technical Bid, or else will be consider to be cover throughout the warranty & CMC period.**
- 4 Calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual has to be done throughout the warranty & CMC period.
- 5 Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / Para number of original catalogue / data sheet and the offer details has to submit in the technical bid. Any point, if not substantiated with authenticated catalogue / manual, will not be considered.
- 6 Certificate of inspection and quality control indicating the S / N for all non-consumable items with date at the time of installation.

4. Environmental factors & safety :

1. Shall meet IEC-60601-2 (Or Equivalent BIS) General Requirements of safety for Electromagnetic Compatibility or should comply with 89/366/ECC; EMC-Directive. Certificate copy must be submitted in the technical bid.
2. The unit shall be capable of operating continuously in ambient temperature of 30-40 deg C and relative humidity of 15- 90 % .
3. The unit shall be capable of being stored continuously in ambient temperature of 10-50 deg C and relative humidity of 15 – 90 %

21. Warranty and Maintenance

1. Warranty for 5 years followed by CMC for 5 years including Spares & service.
2. Mandatory 2 PMs / Year with unlimited breakdown calls has to be attended by the bidder/manufacturer throughout the warranty & CMC period at site.i.e. NEIGRIHMS, SHILLONG
3. Duly signed Mandatory PM reports has to be submitted periodically, falling which necessary action will be initiated as per term& condition of the tender .

Maunika
9/5/24

Xylo
9/5/24

Cherry
09/05/24

Alans

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