

**Annexure-A**

**Item A:- Mobile Operating Table**

**Technical Specifications:-**

1. Should be Mobile modular operating table for Surgery, electro-hydraulic drive, with Backlit corded hand control, with upper back plate, with leg plates, with head rest, with SFC padding of 80 mm.
2. **Should have following features:**
  - i. Battery (1 week/60-70 operations on Single Charge) and mains operation.
  - ii. Stable base construction with 4 double swivel castors for easy motion and maneuvering (locking of the double swivel castors via 2 foot pedals).
  - iii. Base cover and cover for the override control panel made of CrNi steel, resistant to impact, breakage and disinfectants.
  - iv. SFC padding (Special Foam Core – 80 mm) with multi-layer construction for exceptional comfort during patient positioning and utmost patient safety
  - v. Safe patient positioning due to optimum covering of table top joints.
  - vi. Should have short motorized back plate.
  - vii. Column casing made of CrNi steel.
  - viii. Supporting bars for the seat and back section, leg plate sockets, joint covers and side rails made of CrNi steel.
  - ix. Operating table top subdivided into 5 sections: head rest, upper back plate, lower back plate, seat plate & leg plates.
  - x. In the event of failure of the electronics the table shall be capable of working through an override control key panel system mounted on the top of the column.
  - xi. Should be able to be used in Normal & Reverse Position.
  - xii. Entire table top without crossbars, allowing intra-operative fluoroscopy.
  - xiii. Longitudinal shift should be minimum 310 mm on the head side
  - xiv. Operating elements: Backlit corded hand control, override panel, foot switch (optional).



- xv. Radiolucent back plate without any barriers, integrated cassette channel
- xvi. Backlit hand control – light in darkness.
- xvii. FLEX/REFLEX and 0 – level are integrated for quick positioning.

**3. Should meet following Electrical Standards:**

- i. Special-design, maintenance – free batteries with a capacity for about a week’s use in the operating room
- ii. Battery charge level: electronic monitoring with optical indicator
- iii. Recharging of the batteries & supply of operating table by means of a mains cord
- iv. Nominal mains voltage 220/230-240 V
- v. Class II, Type B ; IEC 60601-1
- vi. Mains frequency 50/60 Hz.

**4. Should meet following technical data:**

- |      |   |              |
|------|---|--------------|
| i.   | Length of table                                   | – 2140 mm    |
| ii.  | Width of seat/lower back plate without side rails | – 540 mm     |
| iii. | Width of seat/lower back plate with side rails    | – 590 mm     |
| iv.  | Max. Patient Weight ( with accessories)           | – 300-350 kg |

**5. Should have following Electro hydraulic adjustments:**

Via backlit corded hand control or override control panel, with status indicators for battery charge level and base brake feature, located at the column head.

**6. Adjustment options via corded hand control or IR remote control:**

- |      |                                     |             |
|------|-------------------------------------|-------------|
| i.   | Height without padding              | 575-1000mm  |
| ii.  | Trendelenburg/reverse trendelenburg | +25° / -25° |
| iii. | Lateral Tilt                        | 15°         |
| iv.  | Lower back plate                    | 70° / -40°  |
| v.   | Leg plates                          | 5° / 95°    |
| vi.  | Longitudinal Shift                  | 310 mm      |

**7. Should be supplied with Basic Equipment:**

**Standard Accessories: OT Table**

i. Arm board with SFC pads and clamp	2 nos.
ii. Double Articulation Head Rest with SFC padding	1 no.
iii. Adaptors for head rest	1 no.
iv. Extension Segment	1 no.
v. Cable connected hand control	1 no.
vi. Body Strap for fastening on the side rails	1 no.
vii. Anesthesia screen with Radial Setting clamp	1 no.
viii. Pair of leg plates	1 no.

**8. Accessory for sitting position:**

i. Cross bar attachment	1 no.
ii. Radial setting clamp	2 no.

**9. Accessory for General/GI Surgery:**

i. Lithotomy position with seat elongation	1 no.
ii. Lateral position	1 no.
iii. Facility for X-Ray access	1 no.
iv. Total radiation Translucent table.	1 no.



( Prof. S. Rita Devi )

Director,

Regional Institute of Medical Sciences,  
Imphal.