

Annexure-A

Item A:- Mobile Operating Table

Technical Specifications:-

1. Should be Mobile modular operating table for neurosurgery, 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.
- xviii. It should be CE marked.

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 $+25^{\circ}/-25^{\circ}$
- iii. Lateral Tilt 15°
- iv. Lower back plate $70^{\circ} / -40^{\circ}$
- v. Leg plates $5^{\circ} / 95^{\circ}$
- 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. Optional Accessories:

NEURO

i. Connecting Bracket	1 no.
ii. Horse shoe shaped head rest 2 piece	1 no.
iii. Standard holder for skull clamp	1 no.
iv. Clamp adaptor for skull clamp	1 no.
v. DORO skull clamp	1 no.
vi. Pin for adults	3 nos.
vii. Pin for Children	3 nos.

9. Accessory for sitting position:

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

10. Accessory for Lumbar Spine Surgery in Prone Position:

i. Prone head rest for adults	1 no.
ii. Pad for spine surgery	1 no.
iii. Heel protectors	2 nos.
iv. Bolster	2 nos.

Item B:- OT TABLE MANUAL HYDRAULIC

TECHNICAL SPECIFICATIONS:-

1. The table should have minimum 4 sections.
2. The table should have easily detachable split leg and easily detachable head section.
3. The table top should have a minimum height of 765mm or lesser.
4. The table top should have a minimum vertical stroke of 250mm.
5. Should have sealed hydraulic mechanism to avoid oil spillage.
6. Should have at least 25° trendelenburg and reverse trendelenburg.
7. Should have at least 20° lateral tilt movement.
8. Should have at least 80° back up movement with gas spring mechanism.
9. The head section should have up and down movement.
10. The leg section should have 90° down movement and should move side wards to a minimum of 90 degree.
11. The table should have a heavy and sturdy base and compact to provide adequate foot room for the operating team.
12. The table should be mounted on heavy duty casters which offer enhanced weight bearing capacity and free mobility.
13. The table should have a single lever foot operated brake pedal.
14. Should have a minimum patient weight bearing capacity of 100 Kgs.
15. Base should be made of cast iron and all other parts and accessories should be completely made of Stainless Steel 304 grade except the cushion, gas spring and hydraulic system which should be made of any non-resting metals like brass etc.
16. The table should be supplied with the following accessories.
17.
 - a . Mattress for the complete table top in sections 1 set
 - b. A pair of arm boards with pad and fixing clamp -1
 - c. A pair of padded shoulder support with clamps -1

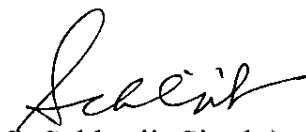
- d. A pair of padded lateral support with clamps -1
- e. A pair of leg crutches with clamps -1
- f. Anaesthetic screen frame with clamp-1
- g. Patient restraint strap-1

18. The table should have the facility for easily detachable kidney bridge attachment and the price shall be quoted optionally.

Item C:- Hand- held Video Laryngoscope:-

TECHNICAL SPECIFICATIONS:-

- i) LED display with 260 degree display.
- ii) Display screen size of minimum 6 cm.
- iii) Light weight & portable.
- iv) Channeled & without channeled blade option.
- v) Video output port.
- vi) Computerized power management system.
- vii) Camera with anti-fog lens.
- viii) Camera resolution of 640x 480 VGA.
- ix) Battery back-up of minimum 90 minutes.



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