

Annexure-A

No.81-E/URO/RIMS-15

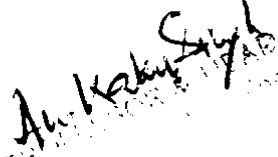
Imphal the 24<sup>th</sup> July 2015

**Item A :- Mobile Operating Table For Urology**

**Technical Specifications :-**

- 1. Should be Mobile modular operating table for Surgery , C-arm compatible , electro hydraulic drive , with Backlit corded hand control , with upper and lower back plate , with seat plate and leg plates , with head rest , with SFC padding of 80 mm.**
- 2. Should have the 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 .**

  
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- xii. Entire table top without cross bars , allowing intra-operative fluoroscopy .
- xiii. Longitudinal shift should be minimum 310 mm on the headside .
- 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 :**

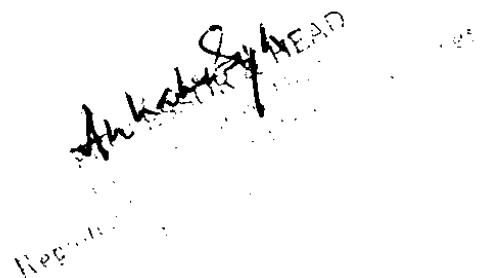
- i. Special-design , maintenance – free batteries with a capacity for about a week's use in the operating room .
- ii. Battery charge level : electronic monitoring with optical indicator.
- iii. Recharging of the batteries & supply of operating table by means of a mains cord.
- iv. Nominal mains voltage 220/230-240 V.
- v. Class II, Type B ; IEC 6060 – 1.
- vi. Mains frequency 50/60 Hz

**4 . Should meet following technical data : (approximate)**

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



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**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:**


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

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

**Standard Accessories: OT Table**

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

  
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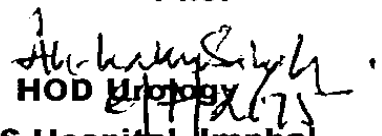
  
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**8. Accessory for Lithotomy position with seat elongation :**

- |  |               |
|--|---------------|
| <b>i. Goepel Knee Crutch</b>   | <b>2 nos.</b> |
| <b>ii. Radial setting clamp</b>  | <b>2 nos.</b> |
| <b>iii. Seat plate extension and leg holders</b>                                 | <b>1 no.</b>  |
| <b>iv. TUR Drainage set, drainage bowl with frame, sieve and discharge hose.</b> | <b>1 no.</b>  |

**9. Lateral position for kidney surgery:**

- |  |               |
|--|---------------|
| <b>i. Fixture for body supports</b>          | <b>2 nos.</b> |
| <b>ii. back buttock support</b>              | <b>1 no.</b>  |
| <b>iii. Lateral support</b>                  | <b>1 no.</b>  |
| <b>iv. Tunnel cushion</b>                    | <b>1 no.</b>  |
| <b>v. Facility for X-Ray access</b>          | <b>1 no.</b>  |
| <b>vi. Total radiation Translucent table</b> | <b>1 no.</b>  |

  
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