

Amendment I

HSCC/SJH/MED.Equt./2017/33

Dated: 18.09.2017

Ref: Tender No. HSCC/SJH/Med. Eqpt./2015/33 dt. 18.09.2017

Subject: Procurement of Medical Equipment for New Emergency Block& Super-Specialty Block at Safderjung Hospital, New Delhi

Existing As :	To be Read as :
CTVS OT Tables (6 Nos.) for CTVS Deptt. in Super Specialty Block	CTVS OT Tables (6 Nos.) for CTVS Deptt. in Super Specialty Block
EMD INR -2,50,000.00	EMD INR -1,80,000.00

Existing As:

Item No. 1

Technical Specification for Spine Operation Table

Fully radiolucent modular table for spinal surgery. Should be versatile for lateral positioning, prone and supine of all types of cervical, dorsal and lumbar spine surgeries. Anterior and posterior approach by 180 / 360 rotating of patient on table top. C- Arm compatible offering free unhindered movement on the C-Arm. Battery Operated, Remote Controlled. The mechanism of operating table should be completely oil free motor driven. Should have interchangeable and replaceable table tops for specific surgery procedures.

Dimensions and limits:

1. Patient maximum safe working load : 150 kg or more.
2. Table height : 650 mm to 1000 mm & above
3. Position for Trendelenburg / Anti Trendelenburg
4. Lateral Tilt : 20 - 25 °

The table must come with the following equipment's and accessories :

- 1) Radiolucent Table Top
- 2) Centrally locking castors
- 3) Display units should be provided
- 4) Patient Chest Pad – 2
- 5) Cervical traction Vector – 1
- 6) Universal Side Rail adaptor – 2
- 7) Cervical Management Base Unit – 1
- 8) Anterior Extension Positioner, pad – 1
- 9) Skull Clamp – Aluminium – 1
- 10) Medical pillow for positioning

- 11) Clark socket – 2
- 12) Wilson Frame Cover in Silicon – 1
- 13) Lateral Arm Board set with Pads – 1
- 14) Cross Arm support with Pads – 1
- 15) 3 piece Lateral Positioner along with 2 side Rail Clamps and One Clark Socket – 1
- 16) Rail mounted IV Pole
- 17) Anaesthesia Screen
- 18) Mayfield adaptor with skull clamp with positioner
- 19) Attachment with pad for paediatric patients
- 20) Body positioners for probe position including lap supports
- 21) Safety straps to be provided
- 22) Equipment Cart – 1
- 23) Rates of all consumables if any to be freezed for 5 years, and to be quoted in tender document.
- 24) European CE & USFDA approved
- 25) Physical demonstration (if required)
- 26) Warranty 5 years + CMC 5 years
- 27) L1 will include CMC cost also.
- 28) Preventive maintenance every 3 months with log book entry
- 29) Company should have service centre in Delhi/ India and should provide service 24x7.
- 30) Spares parts should be available for 10 years
- 31) Should have installation at minimum two centres (Govt or Private) and should submit installation and performance certificate.

Amended As:

ITEM No. 1

Specification for Operation Table for CTVS Surgeries

1. It should be a latest electro hydraulic operating table with five sections table top with thoracic/kidney elevation and having specialized accessories.
2. Column with stainless steel pedestal base should be with four castors and having special attachment with a fifth motorized wheel battery drive, 360 deg. Rotatable through hand controls to move OT Table with patient from OT to recovery bed.
3. Radiolucent table top should have 5 sections and motorized sections for Kidney break/ elevation, back/leg enabling preferably different pre-programmed positions like Flex/Reflex/Kidney break position/Beach Chair Position/Bariatric Lower Seat Section etc.
4. Specific table top reconfiguration should be quick and uncomplicated . Should have head rest with gas spring , double articulation type.
5. It should have all powered motorized movements including Trendelenburg, Anti – Trendelenburg, Lateral tilt, Leg section, Back section, Slide, all must happen with electro hydraulic drives.

6. The table top should be made up of scratch – less X ray / C arm translucent material and should provide full access for C-arm permitting high quality images and should allow easy x ray with cassette holder bracket.
 7. Table and radiolucent table top and extensions should be made of stainless steel / aluminum and carbon and table top should be made of scratch resistant.
 8. Should have removable and interchangeable head and leg sections with an auto locking mechanism to suit different functions and orientation identifiable.
 9. Should have latest cordless/ Bluetooth/IR hand control for all movements. The LED/LCD screen should be with backlit for endoscopic procedures and to provide pictorial display of memory programmed table and patient positions for quick adjustments.
 10. Should achieve zero level position by pressing single button from the handset.
 11. The table should be equipped with both electronic override standby control panel on the column body offering most motorized controls as in the hand controller with manual foot operated backup.
 12. The system should have electrical and functional impact collision prevention safety with microprocessor sensors to avoid collisions between the motorized sections and the table or the floor.
 13. Mattress polyurethane foam must be moulded, antistatic with no seams and easy to fix Velcro/Pins system to stop slippage.
 14. Should have maintenance free batteries which can be charged via a separate charging cable that also serves for direct mains operation, if needed. Should have battery discharge status on handset.
 15. Should have safe patient weight load capacity of at least 270 kg or more in all positions. The stationary patient weight capacity. Should be 350 kg or more. The literature should support both types of weight capacities for table.
 16. The table should have additional foot operated control unit for Trendelenburg / anti-trendelenburg , tilt and height.
 17. It should have polished stainless steel base with fully accessible bellows, easily cleanable for disinfections to improve hygiene and working conditions in the O.T.
- 18. Technical Specifications:-** +/- 5% deviation is allowed Trendelenburg / anti-trendelenburg \geq +/- 30 deg. Lateral tilt : +/-20 deg. Standard leg section up/down : +10 deg. To -90 deg Motorized back: +80deg./-40deg.
- i. Motorized longitudinal slide 350-400mm on both side leg and head of the patient weight support up to 350 kg.
 - ii. Length: 2100-2200mm
 - iii. Width across side bars: 520-580mm

- iv. Minimum height: 620-670mm
- v. Maximum height: 1100-1150mm
- vi. Head section tilt adjustment: +/-45deg. And slide feature on double articulated.
- vii. Flex/reflex: 220deg./120deg.
- viii. Thoracic/kidney elevator or table break with elevation of minimum 3 inches. Power input to be 220-240VAC, 50Hz. Fitted with Indian plug.

19. SET of accessories from same source as table :

- a. Arm positioning support with radiolucent pad and clamps- one pair
- b. Shoulder supports with clamps -one pair
- c. Anesthesia traction type clamps – 1 pair
- d. Infusion pole – 1 no
- e. Body strap with locking clamps -2 nos. (one large and one extra large)
- f. Raised arm support-one
- g. Lateral support type : articulate both vertically and laterally -one pair
- h. Leg/thigh support pads with vertical post ball socket type: 1 pair with gel pad pressure management
- i. HEAD Gel pad rings : 2 nos (one each for adult and paediatric use)
- j. Set of Gel 3 D pads for supporting – Sacral pad , heels pads (pair) and lateral body positioned gel pad – 1 each

20. Table base should be small compatible with da Vinci Robotic System.

21. Terms:

- 1. The quoted equipment should be having USFDA approval, European CE certification and should confirm to CE & IEC Standards for such category of equipment meeting safely standards as per 93/42 EEC. Should meet IEC 601-2-46 (EN 60601-2-46) safety regulations applicable only to surgical tables.
- 2. Original catalogue and literature to be enclosed.

Amendment to be issued will be uploaded on websites www.tenderwizard.com/HSCC & www.hsccltd.com.

All other tender terms and conditions remain unchanged.

Medical Superintendent
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New Delhi