



Notice Inviting e-Tender

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Procurement, supply and installation of Remote Controlled Electro-Hydraulic Operation Table in the Hospital and Medical College of the Government of West Bengal
(Submission of Bid through online)

Bid Reference No.: WBMSCL/NIT-714/2025

Dated-20.08.2025

The following amendment have been made in the tender document,

Amendment –I (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Remote Controlled Electro Hydraulic Operation Table

The Table must meet the following requirement

- Auto The table should have an electrical /electro hydraulic longitudinal shift of 310mm or more, Electrical longitudinal shift both cranial and caudal to create perfect access to the patient during induction.
- OT Table should have an Auto Drive function with directional motorized 5th wheel for helping safe movement of table within the Operating Room and corridor, without operator strain. For user-controlled movement of the operating table.
- Hand Control should have minimum 6 to 10 free selectable memory positions to support preparing complex positions like predefined table positions like beach chair facilitate patient positioning.
- In case of failure of the hand control an electrical override key panel on the table column should be provided and manual override for all the functions.
- Patient orientation should be possible on both sides of the table top. The patient orientation should be able to be locked into memory.

General requirement

- The Operation Table should necessarily have all movements electro-hydraulically operated on high storage capacity batteries housed within the table base or column. Complete return to 'O' position must be possible by pressing one button on the corded hand control box.
- Base of table should be made of stainless steel, resistant to impact, fracture, and disinfectants, grey-dyed with scratch resistant coat.
- Table should have supporting bars for the seat section and back section, leg plate sockets, joint covers, and Side rails made of medical grade steel.
- Operating table top subdivided into five sections head rest, lower back plate, seat plate, leg plates, with **Electric** /Electro hydraulic longitudinal shift.
- Table should have symmetrical accessory interfaces for NORMAL and REVERSE positioning.
- Table top should be designed without cross bars to permit radiography during surgical interventions.
- The table should offer consistent radiolucency of more than 1600mm.
- OT Table should have a stable three-point stance ensures the safety of patients, base of the OT Table should come on ground, and wheels should retract for stability, so as to provide total stability of the operation table of patient load up to 450 kg or more, and unrestricted capacity of 250 kg.
- Motorized leg plate adjustment.
- Hand control must be wireless & can show the Graphical position of the Table. Should supply with charger of hand control.
- The LCD display at the hand control shows status notifications.
- Latest type of LCD/LED backlit screen on handheld controlled displaying each selected position of the table and similar features should be available on override control panel.
- The table to should be completely free of disturbing cross bars, offering generous latitude for using C-arm Image Intensifier from pelvis to head end region with the patient in either Orientation.
- Guide rails for X-ray cassette should be provided under the table top.
- The table top should be provided with at least 80mm or more special foam core mattress so as to prevent pressure points developing during long duration surgeries.
- There should be no crevices in the table for ingress of liquids so as to enable proper infection control.
- Brake pedal – should be Electric / **Manual** with 3 point Locking.

Electrical Data

- OT table should have batteries with capacity for **five or more** working days use in the operating room.
- OT Table should have electronic monitoring of the battery charge level with optical indicator and acoustic signal.
- As a backup, the table should also be capable of working on 220/240 V AC c/s single phase direct main power supply.
- OT Table should have batteries recharged from main power supply.
- OT Table should be 100-240 V AC (adjustable), 50-60 Hz, via power supply cord.
- OT Table should be safety class II type B; the enclosure leakage current meets the requirements of the patient leakage current for CF conditions as per EN 60601-1.

The table should be provided with a cable connected hand control having following features:

- Should display, table set up information
- Should have Memory function for up to 6 to 10 table top positions
- Should show charging status of column and hand control
- Should show service and error messages
- Should have Pre-programmed positions: flex, and back-horizontal
- Should have Backlight function
- Should have Graphic touch screen to precisely position the table for each procedure.

The following adjustments shall be electro-hydraulically operated through Hand remote:

Sr. No.	Adjustment	Dimensions
	Through Hand Remote	
a	Height Up/down without mattress	1050 to 600mm $\pm 5\%$.
b	Lower Back section up/down	70 deg. / -40 deg
c	Trendelenburg /Rev. Trendelenburg	-30/30 deg ± 5 deg
d	Lateral Tilt right / left	20 deg
e	Leg plate down	90 deg
f	Reflex and flex position	110-220 deg ± 5 deg
g	Reset to zero position	
h	Electric /Manual Base Brake mechanism	
i	Radiolucent Area	1600mm

OT Table Dimensions should be:

a)	Table top length with head rest, Extension & leg plate	2040mm
b)	Width of table top including side rails.	540-590mm

The Table shall be provided with the following accessories to be supplied from the same manufacturer:

Sr. No.	Description	Quantity
A	Mobile Operation Table	1 Set
1	Complete with Double Joint, Abductable, with side rails, Leg Plates – 1 Pair	1 Set
2	Extension plate – 1 no	
3	Head rest, inclinable with side rails – 1 no	
4	Extension plate – 1 no	
5	Wireless Hand control – 1no	
B	Accessories	
6	Body strap	1
7	Arm board with pad and clamp	1 pair
8	Anesthesia screen rod with clamp	1 each

9	Fixture for body supports	3
10	Back/buttocks support Pad	1
11	Pubis/sternum support Pad	1
12	lateral Support Pad	1
13	Tube holder	1
14	Infusion stand	1
C	Gel Pads	
15	Universal Patient Positioner	1
16	Flat Bottom Chest Roll	1
17	Closed Head Ring Adult	1
18	Heel Pad To support the leg at the ankle pair	1
19	Prone Head Rest large	1
20	Fracture Table Extension Device, with pelvis plate and buttock support sections, with 80 mm SFC padding. This should include the following:- a) 1 x Pair of Adaptors b) 1 x Transport cart with basket c) 1 x Traction Bar Short d) 1 x Traction Bar Long e) 1 x Screw Tension Device f) 1 x Foot Plate Mount g) 2 x Supporting Bars h) 2 x Radial Setting Clamps i) 1 x Countertraction Post for Neck of Femur j) 1 x Side Rail Extension k) 1 padded roll for 3112.3134	1
21	Traction stirrup clamp with rotation	1
22	Bar Extension	1
23	Rotation and tilting clamp	1
24	Goepel knee crutch with clamp	1
25	Foot plate pair	1
26	Leg plate pair	1
D	Multi-purpose plate for arm surgery	1
E	3 detachable section Back plate for shoulder surgery with head rest	1
F	Hand traction set (Third party supply)	1

Certificate: The bidder/OEM should submit valid CDSCO Certificate/ Registration/ License for both the manufacturer(s) and importer(s) as applicable.