



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited

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Supply and Commissioning of Radiolucent Cardiac operation Theater Table for the department of CTVS at Medical College, Kolkata

(Submission of Bid through *online*)

(2nd call of bid Reference No.: WBMSCL/NIT-162/2024; Dated-04.03.2024)

Bid Reference No.: WBMSCL/NIT-228/2024

Dated-15.04.2024

AMENDMENT-I

REVISED TECHNICAL SPECIFICATION

Radiolucent Cardiac operation Theater Table

	General features
1	The quoted system should be based on electro hydraulic / electro-mechanical technology.
2	The table should either be eccentric or with central column. It should be 4 or 5 section table top motorized slide of at least 300 mm to permit full upper body imaging including the pelvis without having to move the patient (transitional facility controlled by remote)
3	The table should be sturdy, mobile with padded divided motorised (split leg) foot section.
4	All tables sections except the section attached to the pillar should be quickly detachable using easy latch mechanism (optional) to suit all surgical needs.
5	Head plates and leg plates should be interchangeable
6	The table frame should be made of high quality aluminium alloy metal structure with space to provide comfortable leg space to the surgeon while operating.
7	The base column should be made of stainless steel and should prevent the ingress of fluid in the system.
8	The base of the table should be made of stainless steel

9	All metal components of the table should be made up of corrosion resistant aluminium or stainless steel alloys.
10	The table should have four swivel castors with central electric/hydraulic locking through hand held controller for easy maneuverability. It should have self-levelling / self locking floor locks.
11	All the attachments and the positioning accessories should be from the same manufacturer.
12	Safety
12.1	There should be anti drop mechanism which prevents detach of accessories to protect caregivers from accidental harm.
12.2	There should be auxiliary and override control system with clear action indications for emergency cases.
13	Weight load capacity
	Should have safe patient weight load capacity of equal to or more than 220 kg in all table positions. The STATIC patient weight capacity should be 350 Kg or more.
14	Table top and mattress
14.1	The table top should be made up of scratch-less X-Ray/C-arm translucent material.
14.2	Mattress should be double layered, more than 60 cm and should be easy to detach from the top
14.3	The mattress should be easy to clean
14.4	The mattress should be latex and CFC free and 100% hygienic
15	Power and Controls
15.1	The table should be equipped with a completely independent electronic back up drive unit operated through the override panel in case of failure of Main drive.
15.2	Fully charged battery should be sufficient for weekly operative schedule i.e approximately for 80 operations.
15.3	The central column /base and handheld controller should indicate the charging status and table battery status.
15.4	All table positions like height, lateral lilt, kidney position, Trendelenburg and reverse Trendelenburg and flex/reflex and zero leveling should be obtainable using remote hand held controller without moving the patient.
15.5	Should have automatic zero position switch on handheld controller.
16	Technical Specification: All Parameters should be within allowed $\pm 5\%$ variation limits:
	<ul style="list-style-type: none"> Overall length: 200-210 cm.
	<ul style="list-style-type: none"> Max. Width: Min. 500- 550mm (With side rails)
	<ul style="list-style-type: none"> Minimum height: 600mm -650 mm
	<ul style="list-style-type: none"> Maximum height: 1050mm -1100 mm
	<ul style="list-style-type: none"> Side Tilt 15 degree or more.
	<ul style="list-style-type: none"> Trendelenburg: 30 degree or more.
	<ul style="list-style-type: none"> Anti-Trendelenburg: 30 degree or more.
	<ul style="list-style-type: none"> Back Plate Up/Down should be motorised : + 70 degree/-40 degree
	<ul style="list-style-type: none"> leg Plate Up/Down: +20 degree / -90 degree

	<ul style="list-style-type: none"> Motorized Longitudnal slide on head side: 300 mm
17	PREDEFINED POSITION
	<ul style="list-style-type: none"> Flex: 230 degree
	<ul style="list-style-type: none"> Reflex: 100 degree
	<ul style="list-style-type: none"> Zero position: Yes
	<ul style="list-style-type: none"> Power input to be 220-240Vac, 50HZ fitted with Indian plug
	<ul style="list-style-type: none"> Machine must have IEC 60601 certification
	<ul style="list-style-type: none"> Certification : European CE (4 digit notified body) / USFDA / BIS / CDSCO approved
	<ul style="list-style-type: none"> All technical specification accepted in compliance statement must be supported by the printed literature from the manufacturer.
18	Accessories :-
18.1	Should be supplied with following standard Accessories:
	<ul style="list-style-type: none"> Anesthesia screen and pair of padded Armrest with clamps
	<ul style="list-style-type: none"> Pair of leg plates with padding
	<ul style="list-style-type: none"> Body strap
	<ul style="list-style-type: none"> Back lighted wired / wireless Hand control
	<ul style="list-style-type: none"> Head rest
	<ul style="list-style-type: none"> Upper back plate / Shoulder plate