

Notice Inviting e-Tender

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Supply and Commissioning of Medical equipment of General Operating Table for setting up of Sports Medicine unit at IPGME&R and SSKM Hospital of the Govt. of West Bengal.

[2nd call of bid reference no. WBMSCL/NIT-36/2022, (Schedule-IV); Dated-28.01.2022]

Bid Reference No.: WBMSCL/NIT-99/2022

Dated-15.03.2022

Amendment-I

REVISED TECHNICAL SPECIFICATION

General Operating Table

| Technical Specifications | |
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| | General features |
| 1 | The quoted system should be based on electro hydraulic technology. |
| 2 | The table should either be eccentric or with central column. The tables with central column should allow sufficient 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 (split leg) foot section. |
| 4 | All tables sections except the section attached to the pillar should be quickly detachable using easy latch mechanism to suit all surgical needs. |
| 5 | Base cover is made of chemical-resistant, C-ARM compatible, impact-resistant ABS plastic / SS304 with Radiolucent and dent free which is not easily dented by falling objects |
| 6 | The central column casing shrouds, joint plates, side rails and screws are made of stainless steel which is easy to clean and resist chemicals and disinfectants commonly used in the O.R |
| 7 | All metal components of the table should be made up of corrosion resistant aluminum or stainless steel alloys. |
| 8 | The table should have four swivel castors with central electric/ hydraulic locking through hand held controller for easy maneuverability. It should have self-leveling floor locks. |
| 9 | All the attachments and the positioning accessories should be from the same manufacturer. |

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| 10 | Electro-hydraulic system provides adjustment of height, Trendelenburg / Reverse Trendelenburg, lateral tilt, back section, flex, reflex angles, floor lock, auto-leveling and sliding. |
| 11 | Head section, leg sections and extra shoulder section (C600E models) can be adjusted, attached or removed manually. |
| 12 | Safety |
| 12.1 | There should be auxillary / override control system with clear action indications for emergency cases. The system is designed to cut off power to the hand control software after 70 seconds of inactivity to prevent accidental table movements |
| 12.2 | Should have safe patient weight load capacity of equal to or more than 250 kg in all table positions. The STATIC patient weight capacity should be 450 Kg or more. |
| 12.3 | The quoted equipment should be CE (4 digit)/ USFDA |
| 13 | Table top and mattress |
| 13.1 | The table top should be made up of scratch-less X-Ray/C-arm translucent material. |
| 13.2 | Mattress should be double layered, more than 60 cm and should be easy to detach from the top |
| 13.3 | The mattress should be easy to clean |
| 13.4 | The mattress should be latex and CFC free and 100% hygienic |
| 14 | Power and Controls |
| 14.1 | 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. |
| 14.2 | Fully charged battery should be sufficient for weekly operative schedule i.e approximately for 80 operations. |
| 14.3 | The central column /base and handheld controller should indicate the charging status and table battery status. |
| 14.4 | All table positions like height, lateral tilt, kidney position, Trendelenburg and reverse Trendelenburg and flex/reflex and zero leveling should be obtainable using remote hand held controller without moving the patient. |
| 14.5 | Should have automatic 0 position switch on handheld controller. |
| 15 | Technical Specification: All Parameters should be within allowed \pm 5% variation limits: |
| | Overall length: 200-210 cm. |
| | Max. Width : Min. 500- 550mm (With side rails) |
| | Minimum height: 650mm -700 mm |
| | Maximum height: 1050mm - 1100 mm |
| | Side Tilt: 20 degree or more. |
| | Trendelenburg: 30 degree or more. |
| | Anti-Trendelenburg : 30 degree or more. |
| | Back Plate Up/Down should be motorized : +80 degree/-50 degree |
| | Shoulder section Up/Down : +40 degree/-50 degree |
| | Leg Plate Up/Down : +20 degree / -90 degree |
| | Motorized Longitudinal slide on head side : 300 mm |
| | Carbon fiber kidney elevator of 120 MM (External and compatible) |

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| | Patient weight bearing capacity in all articulations including sliding : more than 250 kg |
| 16 | PREDEFINED POSITION |
| | Flex : 230 degree |
| | Reflex : 100 degree |
| | Beach Chair : Yes |
| | Zero position : Yes |
| | Power input to be 220-240Vac, 50HZ fitted with Indian plug |
| | All technical specification accepted in compliance statement must be supported by the printed literature from the manufacturer. |
| 17 | Accessories :- |
| 17.1 | Should be supplied with following standard Accessories: |
| | Anesthesia screen and pair of padded Armrest with clamps. |
| | Pair of leg plates with padding |
| | Body strap |
| | Head rest |
| | Upper back plate / Shoulder plate |
| 17.2 | Orthopedic Fracture Table with complete Traction Assembly Consisting of : |
| | Sacral Rest with Pad - 01 No |
| | End Stand Support - 02 No |
| | Connecting base Assembly - 01 No |
| | Perineal Post with Pad - 01 No |
| | Patient Transfer board with Pad (10 cm) - 01 No |
| | Suspension Arm Assembly - 01 No |
| | Traction Accessories Clamp - 02 No |
| | Universal Leg Holder - 01 No |
| | Tibia Countertraction Support with Pad - 01 No |
| | Telescopic Bar - 02 No |
| | Traction Unit Assembly - 02 No |
| | Boot Plate - 02 No |
| | Traction Bow - 01 No |
| | Storage Trolley - 01 No |
| | Microscopic Operation frame for hand operation with clamp |
| | Lateral support pair with clamps |