

SPECIFICATIONS FOR EQUIPMENTS

POWERED OPERATION TABLE

Specifications

General:

1. The manufacturer should have local service facility within Delhi. The service provider should have all the necessary service tools and tackles recommended by the manufacturer to carry out preventive maintenance test, servicing and repair, as per guidelines provided in the service/maintenance manual.
2. Comprehensive warranty for 5 years covering free maintenance of the equipment and function, free service and free replacement of defective parts and accessories. The supplier should clearly specify if any part of the equipment quoted in the tender is consumable or otherwise not covered in the comprehensive warranty.
3. Under the heading of technical bid, the supplier should provide the model number, complete technical specifications and details of each component required, duly supported by original catalogue/ brochure of the manufacturer.
4. Standard Accessories: The quotation should clearly mention the accessories (including quantity) which are part of the main equipment and the price of which is included in the main equipment. The equipment should be fully functional with the standard accessories.
5. List of important commonly required spare parts and accessories with their part number and costing to be provided.
6. The supplier should demonstrate satisfactorily the functioning of the equipment at the time of technical evaluation of the bids.

Function

7. Multipurpose powered, mobile Table with divided leg section suitable for all major surgical procedures complete with 5cm mattress and corded handset. The table should be completely Oil-free for better and clean operation & maintenance.

Technical Specifications:

8. Full-length radio-translucent top with integral X-ray cassette tunnel, accessible from either end.
9. Tabletop should be made of a special scratch resistant, hardwearing and easy to clean material. Base column cover to be made of 100% stainless steel alloy and stainless steel.
10. Removable & interchangeable head and leg sections with an auto-locking mechanism to suit different applications.
11. 100% Kidney Bridge position should be obtained without moving the patient, thru' remote control by using extension/break function

12. Divided leg section should offer sideways movement for max 45° abduction from the mid line in 15° increments for providing comfort and wide space for surgeon.
13. Battery powered, with facility for connection to mains electricity for immediate use. Battery exhaustion protection and low battery warning via an audible 'beep' should be available.
14. Table should not have a thread/sharp edge for ensuring proper cleaning and user safety. Table Top / Base should not have welding and should be joints free.
15. Mattress should be of high quality that spans tabletop break for improved patient support. Its depth should be 50mm. Mattress must be Latex free.
16. The robust handset should offer 8 controls namely Trend. /Reverse Trend, Lateral Tilt, Flexion/ Extension and Height functions.
17. Brakes, 5nos Wheels for 360° rotation & Castors should be controlled by 2 foot-pedals, located at both ends of Table base.
18. Table should have a narrow T-shaped base allowing optimum access and greater stability. Table should have offset slim-line column, with S.S. Inverted telescopic covers, for superior imaging and access.
19. Table should be able to carry patients, having capacity of up to 250 kgs.
20. The manufacturer of the Table should be an ISO approved company and the Table should be 'CE' and FDA approved.

TECHNICAL

Length	:	2000-2100 mm
Width across sidebars	:	550-600 mm
Minimum height (w/5cm mattress)	:	700-750 mm
Maximum height (w/5cm mattress)	:	1000-1200 mm
Maximum lateral tilt	:	14-15 deg. (either side)
Maximum trendelenburg	:	25-35 deg.
Maximum reverse trendelenburg	:	25-35 deg.
Head section adjustment	:	±40-45 deg.
Leg section adjustment	:	+50-55 deg; -90-110 deg.

1. Table should be supplied along with the following accessories:

Arm Board with pad and clamps	2	Nos.
Radial Setting Clamp	2	Nos.
Aneasthesia Screen	1	No.
Radial Setting Clamp	1	No.
Body Strap	1	No.
Lithotomy leg holders "Geopel type"	2	Nos.
Radial Clamps	2	Nos.
Lateral Support with clamp	2	Nos.
Footrests, divided	1	Pr.

2. Should have supplied the quoted model to institutions of repute.
3. The manufacturer along with the same dealer/distributor should be available in the Indian market for at least 15 years.

DOUBLE COMBINATION OT CEILING LIGHT WITH LED TECHNOLOGY

Should have the following Features:

- One major and one Satellite Dome/lighthouse
- Major dome and Satellite Domes should be of different size/diameter
- Single Colour White LED,s
- Reflector based LED Technology
- Arrangement of LED in such a way that Shadow Free / Deep cavity illumination is achieved
- Proper design to maximize the field of illumination and optimized illumination depth
- Major dome should have lightning option for MIS near the handgrip
- Should have good laminar flow properties
- Should have Aluminium Housing for Efficient heat management and low power consp (< 70W)
- ESG safety glass for simple and fast disinfection process
- 360 deg rotation of domes/lighthouses / arms for unlimited positioning of light heads
- Control on the light heads
- Should have easily accessible,serviceable electronic parts on the top of the light heads/domes
- Should confirm with European Medical Device Directive 93/42/EEC and EG-Richtlinie 93/42/EWG.

- Should meet international quality directives such as EN ISO 13485 : 2003+ AC : 2007

Technical Data of Light Heads:

Major

Satellite

Light Head Diameter (mm)	More than 690	Less than 590	
Intensity Range (Lux)	50000-160000	45000-130000	
Life time of light source (h)	More than 30,000	More than 30,000	
Light Field Diameter (mm)	180-280	170-220	
Depth of Field L1+L2 (mm)	900	1000	
CRI (Ra)	95	95	
R9	95	95	
Colour Temp(K)	4500	4500	
Light Head Power Consumption	less or equal to 65W at 24V DC		
Radiant Energy	around 3,4mW/m2lx		
Temp increase	2 deg	2 deg	
Certification	UL/CE	UL/CE	
Working Area from / to (mm)	600-1500	550-1550	
Power Supply-Primary Voltage(V AC)	90-240	90-240	

- | | Qty. |
|---|-------------|
| 1. Abdominal hysterectomy set: Arteries, scissors, scalpel, Allis, Kelly clamp, babcock forceps, harington & Richardson retractors. | (2) |
| 2. Vaginal hysterectomy set: Scalpel, scissors, metal eather, sim speculum, volsellum, Kellys, clamps; right angle, London retractor, arteries, allis uterine sound, bladder sound. | (2) |
| 3. D & C set: | (5) |
| 4. Delivery Set: Disposable and conventional | (10) |
| 5. Vacuum extractor: | (1) |
| <ul style="list-style-type: none"> • The equipment should have facility for suction evacuation and vacuum extractor of fetal head. • Electric requirement as per Indian power supply 240 watts • Vacuum pressure/suction pressure of the unit should be 0-700 mm Hg, minutely adjustable. • Suction system should have piston/cylinder (self lubricating) • There should be 2 collection bottles-small of 1.5-2 L and large of 3-4 L. • It should be supplied with both metal and silicon suction cups at least 3 metal cupsi. e. 3 small -25-30 mm. medium 40-45 and large 50-60 mm internal diameter which can be sterilized and should be rust proof. Atleast two silastic cups (medium and large) 50 and 60 mm also to be supplied. • There should be separate suction tube for the both suction and vacuum extractor. • There should be float valve for each bottle. • The power control should be foot switch also. • The unit should be mounted on a mobile trolley which is rust proof with a tray to keep the instruments which is made up of stainless steel and should be rust proof. Trolley should have locking device in wheels. • The unit should have ISO-9001/2 certificate or equivalent which should be submitted with tender. • FDA approved and prior demonstration. | |