

Amendment No. 1**Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/AIIMS-IV/26/DERMA/19-20 dated 29-01-2020**

The following changes are being incorporated in the above referred Tender Enquiry Document.

SECTION – VII
TECHNICAL SPECIFICATIONS**Item No.: 11 ,**
Item Name : Electro hydraulic Ot table
Tender ID : 2020_HLL_41505_11**Existing Specification:**

SI NO.	Operation Table: Electro hydraulic
	1.1 Electro Hydraulic operating Tables are tables for performing surgical procedures and it works with electrical power.
	2 Operational Requirements
	2.1 OT Table is required for general surgery and should have X-Ray translucent tops.
	3 Technical Specifications
	a. Four / Five section table top with divided foot section
	b. Table top should permit x-ray penetration and fluoroscopy with full length X-ray cassette tunnel accessible from either end.
	c. Should have a handset for various functions
	d. There should be inbuilt standby control enabling full use of table in case of handset failure with manual override
	e. All table positioning, i.e., height, back section, lateral tilt, trendelenburg, and anti-trendelenburg, should be operated electro-hydraulically through handset and standby control
	f. The table top can be moved cranially and caudally on its base.
	g. The casings on the frame and centre supporting column should be made of hygienic stainless steel.
	h. Mattress should be radiolucent and suitable for fluoroscopy
	i. Table should have mobile base with lockable castors
	j. Should have built in electronic controlled kidney position with additional manual / electronic control Kidney Bridge for better positioning if required
	k. Zero level button
	3.2 Measurements (Approx):
	a. Height: 650-1100mm with 50 -70 mm mattress.
	b. Side tilt: +/-20degrees
	c. Back section adjustment: - 40 degrees to 80 degrees
	d. Foot section adjustment: - 90 to 0 degree, detachable
	e. Trendelenburg: 30 degree
	f. Anti trendelenburg: 30 degree
	g. Head section adjustment: +/- 45 degree, detachable
	h. Width: 550 mm or better
	i. Length: 2000 mm or better
	j. Cranial and caudal traversing 200 – 300 mm
	k. Weight – 250 Kg or more in all position
	4 System Configuration Accessories, spares and consumables
	4.1 System as specified .
	4.2 All accessories including the following should be quoted. The specific accessories and their quantity will be decided on the basis of actual requirement:-
	a. Padded arm rest with straps - pair with damps
	b. Anesthesia screen with clamps
	c. Side supports: pair with clamps
	d. Shoulder supports: pair with clamps
	e. Knee crutches: pair with damps
	f. X-ray cassette tray with pushing rod

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	4.2 g. The machines should be supplied with the following accessories for operating prone position (Price of each item should be mentioned separately)
	a. Gel Flat bottom chest roll (medium)
	b. Gel prone positioner
	c. Gel prone head rest (large)
	h. Optional accessories (Price of each item should be mentioned separately)
	A. X-Ray Top for 9" Urology extension B. Metal Drain pan C. Power lift stirrup set with side rail clamp D. Foot control E. Split leg pair F. Reverse Trendelburg restraint strap G. Light weight transfer board.
	5 Environmental Factors
	5.1 The unit shall be capable of being stored continuously in ambient temperature of 0 -50 deg C and relative humidity of 15-90%
	5.2 The unit shall be capable of operating continuously in ambient temperature of 10 -40deg C and relative humidity of 15-90%
	6 Power Supply
	6.1 Power input :220-240V/ 50 Hz AC Single phase fitted with appropriate Indian plugs and sockets.
	6.2 Inbuilt battery backup for 5 hrs.
	7 Standards & Safety
	7.1 Should be US-FDA or European CE /BIS approved model
	7.2 Manufacturer should be ISO certified for quality standards
	7.3 Electrical safety conforms to standards for electrical safety IEC 60601-1 General Requirements (or equivalent BIS Standard)
	7.4 Shall meet internationally recognised standard for Electro Magnetic Compatibility (EMC) for electromedical equipment: IEC-60601-1-2 :latest edition Or Equivalent BIS) or should comply with 89/366/EEC; EMC-directive as amended
	7.5 Certified to be compliant with IEC 60601-2-46 : Particular requirements for the safety of Operating Tables: latest edition or equivalent
	8 Training
	8.1 Comprehensive training for staff of user department and support services till familiarity with the system.
	9 Warranty & Service
	9.1 Comprehensive warranty for 5 years and 5 years Comprehensive Maintenance Service after warranty. The cost of CMC must be quoted in the price bid.
	9.2 Percentage of uptime guarantee of the equipment during warranty and CMC period for which commitment is to be given must be specified with acceptance of applicable penalty clauses in case of failure to do so.
	9.3 After sales service must be provided in the city of installation. In situations requiring service/repair of the unit outside the city of installation, the expenditure on account of this will have to be borne by the supplier

	10 .Documentation
	10.1 Product Literature in original along with that of accessories and indigenous components if any. Photocopies/computer generated copies are not acceptable
	10.2 Statement of compliance with tender specifications with clear and unambiguous links to relevant portions of product literature/authentic document, which should be highlighted. Alternatives provided for noncompliant specifications with justification must be described in detail with supporting literature
	10.3 Certificate of compliance with standards and approvals stated above
	10.4 Certificate of manufacturer/principal regarding authorisation of service facility provided by the supplier
	10.5 List of Equipment available in the Service Centre for providing calibration and routine Preventive Maintenance Support. as per manufacturer documentation in service/technical manual.
	10.6 List of important spare parts and accessories, which are required for maintenance and repair, with their part number and costing.
	10.7 Terms and conditions of warranty and CMC including schedules of visit by service personnel with check list of services to be carried out
	10.8 Commitment for supply of log book with check list for daily, weekly, monthly and quarterly preventive maintenance with contact details of service personnel along with the equipment. The job description of the hospital technician and company service engineer should be clearly spelt out in the log book.
	10.9 List of users of quoted equipment with performance certificate from major institutions

Item No.: 12 ,
Item Name: Electro Cautery Machine
Tender ID : 2020_HLL_41505_12

Existing Specification:

SN	Electro Cautery Machine		
a	Microprocessor/microcontroller controlled		
b	Should provide monopolar output for cut, coagulation (fulguration & spray) & blend		
c	Should have bipolar cut and coagulation in multiple levels with automatic bipolar coagulation.		
d	Activation by foot switch and hand switch		
e	Activation of bipolar by foot switch and automatic start/stop system		
f	Auto diagnosis on switching on and during working to continuously monitor all parameters		
g	Automatic stoppage of output in case of malfunction with acoustic and visual signal with display of error code.		
h.	Output powers adjustable automatically or manually from the control panel.		
i	Deleted		
j	Deleted		
k	Should be usable with laparoscopic monopolar and bipolar instruments.		
l	System for neutral plate safety by continuous monitoring of contact quality and connection		
m	System for monitoring and control of leakage current		
n	Leakage current on the patient should be less than 10 micro Amp		
o	The maximum power of different type outputs should be as:- Monopolar Cutting Max - 300W- 400W Bipolar Cutting 90 W or more Bipolar Coagulation 90 W or more Spray Coagulation – Max 120 W at 300 Ohms		

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p.	<p>All the Accessories should be mentioned in BOQ and rate of each accessories should be quoted seperately which should be valid for the entire warranty period.</p> <p>The unit should be supplied with all standard accessories such as –</p> <p>Reusable push button Handpiece – 2 nos /Disposable - 200 nos,</p> <p>Electrode set of 10 Nos. each (Pin point, flat tip-short, flat tip- long blade),</p> <p>Explosion protective double pedal foot switch – 1 no,</p> <p>Reusable Siliconearth pad – 2/Disposable - 200 nos,</p> <p>bipolar forcep with cord straight & angled (18-19.5cm & 19-22.5cm) -2 nos each.</p> <p>All accessories should be of same make of Main Equipment</p>		
q	<p>The equipment should be European CE with 4 digit notified body no or US FDA safety standard.</p> <p>It should have IEC 60601-1 certificate</p>		
SN	BOQ	Qty	UOM
1	System as specified	1	Nos
2	Reusable push button Handpiece	2	Nos
	OR Disposable push button Handpiece	200	Nos
3	Electrode set (Pin point, flat tip-short, flat tip- long blade)	10	Nos each
4	Explosion protective double pedal foot switch	1	Nos
5	Reusable Siliconearth pad	2	Nos
	OR Disposable Siliconearth pad	200	Nos
6	Bipolar forcep with cord straight & angled (18-19.5cm & 19-22.5cm)	2	Nos each

All other contents of the Tender enquiry including terms & conditions remain unaltered.

Note:

- I. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids**