

Amendment No.1**Date: 27.04.2018****Subject: Amendment no. 1 to the Tender Enquiry Document****Ref: (i) Tender Enquiry No.: HLL/PCD/PMSSY/AIIMS-II/27/18-19 dated 09.04.2018**

The pre bid meeting of the above referred tender enquiry was held on 20.04.2018. Based on pre-bid discussions following amendments are being incorporated in the tender enquiry document.

Section VII
Technical Specifications

Schedule No. 01 - External Defibrillator (Rfx No. 3000002680)		
Para	TENDER SPECIFICATION	READ AS
Para: 1	Portable, light weight external defibrillator with ECG, SpO2, NIBP monitoring and external pacer with a color display showing ≥ 4 wave forms and minimum 5 inch monitor screen	Portable, light weight external defibrillator with ECG, SpO2, NIBP monitoring and external pacer with a color display showing ≥ 3 wave forms and minimum 6 inch monitor screen
	Transcutaneous pacer should have programmable current pulse amplitude from 10 mA to at least 160mA	Transcutaneous pacer should have programmable current pulse amplitude from 10 mA to at least 140mA
Para:4	Should be fitted with a 3 channel strip chart thermal printer.	Should be fitted with a 3 channel strip chart thermal printer of size 50mm or more
Para: 7	The device should be AC/12V DC powered with ability to run on internal battery and power battery should provide a minimum of 4 hours continuous monitoring and at least 25 full voltage shocks. Defibrillators working only on battery should not be quoted.	The device should be AC/12V DC powered with ability to run on internal battery and power battery should provide a minimum of 3 hours continuous monitoring and at least 25 full voltage shocks. Defibrillators working only on battery should not be quoted.
Para 10	Should have connection for attaching disposable patch electrodes from which pacing /defibrillation /ECG recording is possible vendor has to provide connecting cables for at least 3 commonly available patches available in the market if only vendor specific patches can be used then cost of 10 each (adult and pediatric) patches (total 20) should be included in the basic unit price that will be used for comparison of total price.	Should have connection for attaching disposable patch electrodes from which pacing /defibrillation /ECG recording is possible. Vendor has to provide connecting cables for at least 3 commonly available patches available in the market.
Para 11	One set of additional ECG cable and other cables should be included in the price.	Three set of additional ECG cable should be included in the price.

Para: 14	Vendor has to provide the following accessories with each unit – no's are given in brackets : reusable NIBP cuffs (all 4 sizes , from neonate to adult ,5 each) Disposable NIBP cuffs for neonates (25),reusable SpO2 probes(adult ,pediatric ,infant and neonate-5 each), disposable SpO2 probes for neonates and infants (50), Disposable adult and pediatric defibrillation patches (10 each) as already mentioned in 10.	Vendor has to provide the following accessories with each unit – no's are given in brackets : reusable NIBP cuffs (all 4 sizes , from neonate to adult ,5 each) Disposable NIBP cuffs for neonates (25),reusable SpO2 probes(adult ,pediatric ,infant and neonate-5 each), disposable SpO2 probes for neonates and infants (50), Disposable adult and pediatric defibrillation patches (10 each) as already mentioned in 10. Prices of all the accessories should be quoted separately and should be frozen for next 5 years
Para: 15	Vendor must provide either a good quality trolley or a high quality durable carrying case (preferably have removable modular pockets /pouches for carrying accessories) with defibrillator.This trolley will be used as a crash cart and therefore should have similar modular design. These should be as per original manufacturer.	Vendor must provide good quality stainless steel (SS304) trolley which will also be used as a crash cart and therefore should have similar modular design.
Para 16	Guarantee/ warranty: comprehensive guarantee for five years for parts and labor. All software updates up to a period of 5 years to be provided free .comprehensive guarantee (CMC) for parts and labour from year 6 to 10 will also need to be quoted in price separately and will be taken into account (added in the price bid) while calculating the final price . The warranty /CMC should include the defibrillation paddles for breakage and replacement and also the batteries.	Guarantee/ warranty: Comprehensive guarantee for five years for parts including trolley and labor. All software updates up to a period of 5 years to be provided free .Comprehensive guarantee (CMC) for parts including trolley and labour from year 6 to 10 will also need to be quoted in price separately and will be taken into account (added in the price bid) while calculating the final price . The warranty /CMC should include the defibrillation paddles for breakage and replacement and also the batteries.
Para: 17	Facility for internal /USB/SD card storage of 25 electrograms along with patient name, age etc,with capability to transfer these to the AIIMS HIS through Wi-Fi or Ethernet. details of AIIMS HIS can be obtained from the department .if a server is needed include cost of server and software's in total calculations, through listed as a separate entity (should include all the 5 Units)	Facility for internal /USB/SD card storage of 25 electrograms along with patient name, age etc,with capability to transfer these to the AIIMS HIS through Wi-Fi or Ethernet. Details of AIIMS HIS can be obtained from the respective department .If a server is needed include cost of the server and software's in total calculations, though listed as a separate entity (should include all the 5 Units)
Para: 19	CPR measurements and feedback .compression depth, rate, ventilation rate. Provide appropriate cables and sensors (reusable 2 each, disposable 10). Include cost of above in main bid but list this separately.	CPR measurements and feedback: Compression depth, rate, ventilation rate. Provide appropriate cables and sensors (reusable 10 each). Include cost of above in main bid but list this separately.

Schedule No. 02 - ADVANCED ELECTRO SURGICAL UNIT WITH VESSEL SEALING (Rfx No. 300002681)		
Para	TENDER SPECIFICATION	READ AS
14	Should be supplied with following accessories:	
a	10mm /5mm Lap. Vessel Sealing & Dividing Instrument (50Nos disposable (or) 2 nos reusable) with/without disposable electrodes (50 Nos. if required)	Deleted
b	Open vessel sealing & Dividing instruments (50 nos. disposable (or) 02 nos reusable) with /without disposable electrodes (50 Nos. if required)	Deleted
16	Monopolar and Bipolar	
iii(a)	Pure cut for clean, precise cut in general surgery having maximum power of 300-350W	"Pure cut for clean, precise cut in general surgery having maximum power of atleast 400W "
17	Vessel Sealer:	
c	Double action Jaw Vessel Sealer 5mm 34 to 37 cm for lap surgery - 2 Units reusable or 50 Nos. disposable	" Vessel Sealer 5mm 34 to 37 cm for lap surgery - 2 Units reusable or 50 Nos. disposable"

Schedule No. 03 PCNL Instruments (Nephroscope with forceps and accessories) (Rfx No. 300002682)		
Para	TENDER SPECIFICATION	READ AS
A	Nephroscope with forceps and accessories 25- 27 fr-1No	" Nephroscope with forceps and accessories 24- 27 fr-1No "
A1	Wide-Angle straight forward viewing telescope 0 to 30 deg, with parallel/Angled eyepiece, autoclavable , with instrument channel and fiber optic light transmission incorporated.	"Wide-Angle straight forward viewing telescope between 0 to 30 deg, with parallel/Angled eyepiece,autoclavable , with instrument channel and fiber optic light transmission incorporated"
A3	Scope should have large working channel 11 Fr or more	"Scope should have large working channel that admits instrument of 10 Fr or more
A 4	Operating sheath of size 25 - 27Fr with automatic locking mechanism compatible with above telescope	"Operating sheath of size 24 - 27Fr with locking mechanism compatible with above telescope"
B	Nephroscope with forceps and accessories 22-24fr-Two Nos	"Nephroscope with forceps and accessories 20- 24fr-Two Nos "
1	Wide-Angle straight forward viewing telescope 0 to 30 deg , with parallel/angled eyepiece, autoclavable, with instrument channel and fiber optic light transmission incorporated.	"Wide-Angle straight forward viewing telescope between 0 to 30 deg , with parallel/angled eyepiece, autoclavable, with instrument channel and fiber optic light transmission incorporated.

4	Operating sheath of size 24-25Fr with automatic locking mechanism compatible with above telescope	"Operating sheath of size 20-24Fr with locking mechanism compatible with above telescope"
C	Nephroscope with forceps and accessories 12 fr - 1no	
2	Nephroscope should have an automatic pressure control system so that stones once broken up to size of 4mm should come out automatically when used with pressure irrigation.	Deleted
3	Working channel should accommodate instruments upto 5 Fr.	"Working channel should accommodate instruments of 5 Fr or more "
4	The angle of view should be 12 to 45 degree or more	"The angle of view should be 12 degree or Less "
a	Each sheath should have a compatible one step dilator.	" Each sheath should have a compatible one step dilator fitting to amplatz sheath"
c	5 Fr scissor single action jaws should be supplied-1 no	Deleted
E	Should be supplied with wire tray for storage and sterilization tray for sterilization for all PCNL set 26 Fr. 24Fr & 12 Fr.	"Should be supplied with wire tray for storage and sterilization tray for sterilization for all PCNL set 26 Fr. 24Fr & 12 Fr(One Each)"
F	Pressurized injector gun (air and water injection) for cleaning of channels of endoscopic instruments - 1 no	Deleted

Schedule No. 04 URODYNAMIC MACHINE (Rfx No. 300002683)		
Para	TENDER SPECIFICATION	READ AS
9	Should have infusion volume upto 1000ml & software based calibration control and should have weight base infusion transducer.	"Should have infusion volume upto 1000ml & software based calibration control and have the ability to show infusion volume "
12	All in one PC computer Windows 10, i5 processor, at least 4 GB RAM, 1 TB HDD with color laser printer, should have facility for USB port	"All in one PC computer Windows 7 or more , i5 processor, at least 4 GB RAM, 1 TB HDD with color laser printer, should have facility for USB port"
13	Provision for recording live videos during the procedure of urodynamic study.	"Provision for recording live videos during the procedure of urodynamic study. The system should have ability to show static images with corresponding Urodynamic Trace at that time point "
21	Rectal Catheter 10 fr. -50 pcs.	"Rectal Catheter should be between 10-12 fr. -50 pcs.

Schedule No. 05 HOLMIUM LASER 120W (Rfx No. 3000002684)		
Para	TENDER SPECIFICATION	READ AS
3	It should be able to do Stone Dusting.	" It should be able to do Stone Dusting. It should preferably have pulse modulation mechanism so that controlled energy may be released to create a vapour bubble, hence optimizing energy delivery and minimizing stone retropulsion"
7	IT SHOULD HAVE POWER OUTPUT OF 120 WATTS OR MORE	"IT SHOULD HAVE POWER OUTPUT OF 120 WATTS OR MORE WHICH IS SUPPLIED THROUGH MULTIPLE GENERATORS"
16	It should have a closed loop, self contained water to air exchanger cooling system.	"It should have a closed loop, self contained cooling system"
20 iii c	c. The blades should be of rotating type.	"c. The blades should be of rotating /reciprocating/ oscillating type. "
20VII(ii)	Cystoscope sheath – 22Fr - 1	"Continuous flow Cystoscope sheath – 22Fr - 1"
		Added Para " Vendor may offer their upgradation hardware, software and consumables cost as optional
		Added Para " Suitable UPS should be provided minimum 15-20KVA"

Schedule No. 06 Laproscopy Set (Rfx No. 3000002685)		
Para	TENDER SPECIFICATION	READ AS
A	Full High definition 2D Digital camera & camera control unit 01	
1	3-chip, full HD camera head with pure digital signal with high definition video of 1920x1080p native resolution and progressive scan technology both on camera head and console. It should be ICG ready	" 3-chip, full HD camera head with pure digital signal with high definition video of 1920x1080p native resolution and progressive scan technology both on camera head and console. It should have indocyanin green and autofluorescence detection capability"
3	Digital zoom, white balance control and two peripheral controls on camera head	" Two or more peripheral controls on camera head includig digital zoom and white balance"
5	Automatic identification and brightening of dark image areas without lag time, without increasing foreground glare. Automatic intensification of color contrast levels	Deleted
9	Image system: 1/3" progressive scan CMOS technology	"Image system: 1/3" progressive scan CMOS/ 3Chip CCD technology"
B	High Resolution Monitor: (01)	
1	Full High Definition Color Monitor 26" Flat Panel, medical grade	Amended as "Full High Definition LED Color Monitor 26" Flat Panel, medical grade"
C	Light Source: (01)	

3	LED life of 25000 hours or more	"LED light source for general purpose use and ICG . If LED not available for ICG purpose the vendor may offer LED source for general purpose and xenon source compatible with ICG"
7	Should be supplied with four (04) fiber optic cables of length 150cm or greater each with capability for indocyanin green fluorescence evaluation and adaptors for connection to Karl Storz, Richard Wolf and Olympus type scopes.	"Should be supplied with four (04) fiber optic cables of length 150cm or greater each with capability for indocyanin green fluorescence evaluation and adaptors for connection to Karl Storz, Richard Wolf, Stryker and Olympus type scopes."
D	Carbon dioxide Insufflator: (01)	
2	Gas flow: minimum flow rate of 1 L/minute or lower; maximum flow rate of 40L/min or higher	"Gas flow: minimum flow rate 3 L/minute or lower; maximum flow rate of 40L/min or higher"
E	HD Video recorder (01)	
1	Capability of receiving signals and recording video from HD endoscopic cameras, digital x-ray units and ultrasound machines.	"Capability of receiving signals and recording video from HD endoscopic cameras"
5	Camera Head Triggering Control from existing HD Camera buttons	Deleted
6	Internal recording hard drive should be 500GB or more	"Internal recording hard drive should be 300GB or more and 2TB external online storage should be provided"
10	Video recording of 180 hours or more in HD settings on internal hard drive	Deleted
11	Video recording of 300 hours or more in SD settings on internal hard drive	Deleted
12	Individual single videos of 24 hours or more	Deleted
F	Video cart and monitor arm: (01)	
2	Mobile Universal Video Trolley including 4 shelves, 3 of which are fully height adjustable and one drawer (lockable)	"Mobile Lockable Universal Video Trolley including 4 shelves, 3 of which are fully height adjustable and one drawer"
G	Essential accessories (Of same manufacturer as main equipment)	" Essential accessories (Of same manufacturer as main equipment and 15% of tolerance is acceptable in sizes mention below)
11	All essential cables, adaptors and connectors must be supplied to ensure full usability of the equipment with rigid endoscopes of Karl Storz, Richard Wolf and Olympus as available in the Urology OT	Deleted

Schedule No. 07 - Pulmonary Function Test Machine (Rfx no. 3000002686)		
Para	TENDER SPECIFICATION	READ AS
3	Closing volume determination (by single breath nitrogen wash out method)	Closing volume determination by single /Multiple breath technique using helium /nitrogen wash out method.
6	Single breath method	Single breath Method for DLCO .
8a	Latest intel processor with at least 4 GB RAM Hard disc drive (HDD) with at least 1TB space Latest, original Windows OS, office and adobe Colour monitor Key board and mouse Colour laser printer UPS (1KVA)	Latest intel processor(atleast i3 intel processor) with atleast 4 GB RAM Hard disc drive (HDD) with at least 1TB space, Latest original Windows OS, office and adobe Colour monitor Key board and mouse Colour laser printer UPS (1KVA)

All other terms and conditions of the tender enquiry remain unaltered.