

23-01-2018

**Amendment No. 2****Sub: Amendment to the referred tender enquiry****Ref.: Tender Enquiry HITES/PCD/PMSSY-III/22/PAED/2017-18 dated 04-12-2017, Amendment No. 01 dated 04-01-2018**

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

**Section I  
Notice Inviting Tender****Existing:**

SI No	RFx No	Equipment	Qty.	Tender Processing Fee (incl. of GST @ 18%)	EMD
1	3000002450	Air Oxygen blender	4	590	8000
2	3000002451	Bubble CPAP Machine	5	590	60000
3	3000002452	Pediatric Open Surgical Instruments	8	1180	320000
4	3000002453	Surgical instruments for fine surgery	4	1180	160000
5	3000002454	Irradiance Meter for phototherapy	4	590	8000
6	3000002455	OAE Machine	2	590	28000
7	3000002456	Open Care System	12	1180	192000
8	3000002457	OT Table - (Paediatric)	8	3540	560000
9	3000002458	LED Phototherapy Unit	9	590	9000
10	3000002459	Resuscitation Equipment	2	590	2000
11	3000002460	Transcutaneous Bilirubin Analyzer	4	590	32000
12	3000002461	Transport Incubator with ventilator	9	3540	450000
13	3000002462	Paediatric Urodynamic System with anorectal/Esophageal manometry facility	10	1180	400000
14	3000002463	Ventilator Neonatal with HFO	13	3540	650000
15	3000002464	Cystoscope and Resectoscope - Paediatric	7	1180	280000
16	3000002465	Laproscope set Paediatric	12	3540	600000
17	3000002466	Paediatric neuroendoscope	2	590	80000
18	3000002467	Paediatric Rigid Bronchoscope & Oesophagoscope	7	1180	280000
19	3000002468	Paediatric URS	3	590	60000
20	3000002469	PCNL set paediatric	2	590	80000
21	3000002470	Endovision camera System	12	3540	600000

**Read as:**

Sl No	RFx No	Equipment	Qty.	Tender Processing Fee (incl. of GST @ 18%)	EMD
1	3000002450	Air Oxygen blender	<b>24</b>	590	<b>48,000</b>
2	3000002451	Bubble CPAP Machine	<b>29</b>	<b>1180</b>	<b>3,48,000</b>
3	3000002452	Pediatric Open Surgical Instruments	<b>18</b>	<b>3540</b>	<b>7,20,000</b>
4	3000002453	Surgical instruments for fine surgery	<b>6</b>	1180	<b>2,40,000</b>
5	3000002454	Irradiance Meter for phototherapy	<b>12</b>	590	<b>24,000</b>
6	3000002455	OAE Machine	2	590	28,000
7	3000002456	Open Care System	<b>151</b>	<b>5900</b>	<b>24,16,000</b>
8	3000002457	OT Table - (Paediatric)	<b>11</b>	3540	<b>7,70,000</b>
9	3000002458	LED Phototherapy Unit	<b>82</b>	590	<b>82,000</b>
10	3000002459	Resuscitation Equipment	<b>9</b>	590	<b>9,000</b>
11	3000002460	Transcutaneous Bilirubin Analyzer	<b>7</b>	590	<b>56,000</b>
12	3000002461	Transport Incubator with ventilator	<b>13</b>	3540	<b>6,50,000</b>
13	3000002462	Paediatric Urodynamic System with anorectal/Esophageal manometry facility	<b>3</b>	1180	<b>1,20,000</b>
14	3000002463	Ventilator Neonatal with HFO	<b>35</b>	3540	<b>17,50,000</b>
15	3000002464	Cystoscope and Resectoscope - Paediatric	<b>11</b>	1180	<b>4,40,000</b>
16	3000002465	Laproscope set Paediatric	<b>13</b>	3540	<b>6,50,000</b>
17	3000002466	Paediatric neuroendoscope	<b>1</b>	590	<b>40,000</b>
18	3000002467	Paediatric Rigid Bronchoscope & Oesophagoscope	<b>9</b>	1180	<b>3,60,000</b>
19	3000002468	Paediatric URS	3	590	60,000
20	3000002469	PCNL set paediatric	2	590	80,000
21	3000002470	Endovision camera System	12	3540	6,00,000

(2) Tender timeline:

**Existing:**

Sl. No.	Description	Schedule
c.	Closing date & time for submission of online bids	24.01.2018, 1200 hrs IST
d.	Closing date & time for submission of <b>tender processing fee and EMD in physical form*</b>	24.01.2018, 1400 hrs IST
e.	Time and date of opening of online bids	24.01.2018, 1430 hrs IST

**Read as:**

Sl. No.	Description	Schedule
c.	Closing date & time for submission of online bids	<b>16.02.2018</b> , 1200 hrs IST
d.	Closing date & time for submission of <b>tender processing fee and EMD in physical form*</b>	<b>16.02.2018</b> , 1400 hrs IST
e.	Time and date of opening of online bids	<b>16.02.2018</b> , 1430 hrs IST

**Section VII**  
**Technical Specification**

<b>Item. 02 Bubble CPAP Machine(Rfx no. 300002451)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>4 a</b>	Should automatically regulate the necessary temperature ( <b>370C</b> )	Should automatically regulate the necessary temperature ( <b>37°C</b> )
<b>5 c</b>	Oxygen therapy – air/oxygen blender and flow meter, oxygen cylinder	Oxygen therapy – air/oxygen blender and flow meter

<b>Item. 03 Pediatric Open Surgical Instruments(Rfx no. 300002452)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>2 A</b>	Finochietto Chest Retractor – Neonatal - 1 01	Finochietto Chest Retractor – Neonatal - <b>01</b>
<b>7 A</b>	Instrument Sterlization Case/tray – 10 01	Instrument Sterlization Case/tray – 10
	For the sake of price comparison, set wise price tabulation will be done and L1 will be decided. If any firm does not quote any item in particular set, that firm will be excluded from that particular set. This is for the sake of uniformity in price comparison.	Bidder should quote all the instruments and 80% of Instruments should be from the same manufacturer. If any firm does not quote any instruments in particular set, that firm will be disqualified. This is for the sake of uniformity in price comparison.
	<b>Added para</b>	±10 % variation in dimension of the instrument is acceptable provided that it is suitable for paediatric surgery.

<b>Item. 04 Surgical instruments for fine surgery (Rfx no. 300002453)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>N</b>	For the sake of price comparison set wise price tabulation will be done and L1 will be decided. If any firm does not quotes any item in particular set, that firm will be excluded from that particular set. This is for the sake of uniformity in price comparison	1. Bidder has to supply all the Instruments as asked in the tender. 75 % of equipment should be from single manufacturer. If any firm does not quote any instruments in particular set, that firm will be disqualified. This is for the sake of uniformity in price comparison.
	<b>Added Para</b>	±10 % variation in dimension of the instrument is acceptable provided that it is suitable for paediatric surgery.

<b>Item. 06OAE (Rfx no. 300002455)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>2n</b>	Power supply: (4) AA/UM-3/R6 - alkaline, lithium.	Power supply: Rechargeable battery
<b>4</b>	It should be upgradable to diagnostic DPOAE and TEOAE	Deleted

<b>Item. 08 OT Table - (Paediatric) (Rfx no. 300002457)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>1</b>	Should be a Mobile OR table with electrical hydraulic drive via integrated batteries and mains power supply.	Should be a Mobile OR table with <b>electrical hydraulic/Electromechanical</b> drive via integrated batteries and mains power supply.
<b>2</b>	Should have adjustment for base locked / unlocked via hand control unit by means of a four post, self-levelling hydraulic locking system. Long side heavy base should be at Leg side.	Should have adjustment for base locked / unlocked via hand control <b>or by foot pedal</b> unit by means of a four post, self-levelling hydraulic locking system .
<b>3</b>	Should have a crush prevention system – just 5cm before touching the Ground	Deleted
<b>5</b>	Should have a powered kidney elevator between the back and the seat plate to enable stronger flexion to the patient's body.	Should have a Powered kidney elevator / <b>Kidney bridge position</b>
<b>9</b>	All powered functions can be controlled manually also (override system) via an additional control unit	All powered functions can be controlled <b>manually or by electrical override system.</b>

<b>Item. 08 OT Table - (Paediatric) (Rfx no. 300002457)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
11a	Dimensions: (+) 100mm is acceptable	Deleted
11b	Total length of OR table top incl. head rest: 2124 m	Deleted
11c	Length of OR table top without head rest: 1800 mm	Length of OR table top without head rest: <b>1500 mm or more</b>
11d	Width of OR table top: 534 mm	Width of OR table top: <b>400 mm or more</b>
11e	Total width of OR table top incl. side rails: 587 mm	Total width of OR table top incl. side rails: <b>400 mm or more</b>
11 f.	Technical data: Upper body Imaging Window: 1016mm	Deleted
11 g.	Technical data: Standard Lower body imaging : 1118mm	Deleted
11 h.	Technical data: Radiographic with : 465mm	Technical data: Radiographic width : <b>400mm or more</b>
11 k.	Technical data: Adjustments via hand control unit: (+) 100mm/50 is acceptable	Deleted
11 n.	Technical data: Kidney elevator up infinitely variable: 75 mm	Powered kidney position : 220 degree
11 q.	Technical data: Back plate up / down: 90° / 45°	Back plate up / down: <b>70° / 40°</b>
<b>11 r.</b>	Technical data: Leg plate up / down: 30° / 105°	Leg plate up / down: <b>30° / 90°</b>

<b>Item. 13 Paediatric Urodynamic System with anorectal/Esophageal manometry facility (Rfx no. 300002462)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>1 1.1</b>	Description of Function The Urodynamic system should have multi channel (minimum 6 channel) microprocessor based compact system with a high resolution color monitor for the Urodynamic study for Neurovesical and erectile dysfunction(Non-Invasive technique). The equipment should be modular design and should be able to carryout different tests like Uroflowmetry, Cystometry (CO2 & H2O), Electromyography (EMG), Pressure flow study (PFS), Bladder/Valsalva leak point measurement	Urodynamic system should have multi channel (minimum 6 channel) microprocessor based compact system with a high resolution color monitor for the Urodynamic study for Neurovesical.The equipment should be modular design and should be able to carryout different tests like Uroflowmetry, Cystometry ( <b>H2O</b> ), Electromyography (EMG),Pressure flow study (PFS), Bladder/Valsalva leak point measurement
<b>2 2.1</b>	Operational Requirements The equipment should be modular design and should be able to carryout different tests like Uroflowmetry, Cystometry (CO2 & H2O), Electromyography (EMG), Pressure flow study (PFS), Bladder/Valsalva leak point measurement	Operational Requirements The equipment should be modular design and should be able to carryout different tests like Uroflowmetry, Cystometry ( <b>H2O</b> ), Electromyography (EMG), Pressure flow study (PFS), Bladder/Valsalva leak point measurement
<b>3 3.1</b>	Technical Specifications It should have different pre set program according to users preferences.	It should have different pre set program ( <b>protocol</b> ) according to users preferences.
<b>3 3.5</b>	The pressure transducers should have long life reusable transducer so as to last for more than 8-10 years.	The pressure transducers should have long life reusable transducer . <b>It should be covered under warranty and CAMC period.It should be replaced by the bidder free of cost under warranty and CAMC period</b>
<b>3 3.6</b>	The equipment should have control panel inside the equipment to avoid water spillage. System should have automatic drainage system of wire.	The equipment should have control panel inside the equipment to avoid water spillage. System should have automatic <b>drainage/ Weight based transducer system of wireless/ wired.</b>
<b>3 3.8</b>	Flowmetry : Range – 0-60ml/sec; Volume – 2 l Transducer –Weight Rotating disc type with incorporated automatic spinning disk artifact compensation.	Flowmetry : Range – 0-60ml/sec; Volume – 2 L Transducer – <b>Weight based or Rotating disc type</b> with incorporated automatic spinning disk artifact compensation.

<b>Item. 13 Paediatric Urodynamic System with anorectal/Esophageal manometry facility (Rfx no. 300002462)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>3 3.9</b>	Pressure Study : Range: 1 – 250 cm of water; Transducer – Long life Statham type.	Pressure Study : Range: 1 – 250 cm of water; Transducer – <b>Long life type.</b>
<b>3 3.12</b>	Patient Unit should include : Trolley –1, Pole – 1, 17” Monitor with speakers & microphone- Water Pump Unit with 30 Nos. infusion sets, EMG Module-1, Pressure Transducer Statham- 3, Uroflowmetry transducer- 1, Puller for urethral pressure profile study.	Patient Unit should include : Trolley –1, Pole – 1, 17” Monitor with speakers & microphone- Water Pump Unit with 30 Nos. infusion sets, EMG Module-1, <b>Pressure Transducer -3,</b> Uroflowmetry transducer-1, Puller for urethral pressure profile study.
<b>3 3.15</b>	Compatible Motorized Micturition chair – separate.	Compatible Micturition chair – separate.
<b>3 3.18</b>	Bladder scanner to measure post void residual wire.	3D Bladder scanner to measure post void residual volume.

<b>Item. 14 Ventilator Neonatal with HFO (Rfx no. 300002463)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
14	Audiovisual alarms with advisory on-screen message: MV high/Low, Apnea, tube obstruction, FiO2 high/low, high PIP, low PEEP/CPAP, <b>CO2 alarm</b> , fail to cycle, gas supply low, power failure, ventilator inoperative, alarm log book ,Tables and Trends of Two days should be available.	Audiovisual alarms with advisory on-screen message: MV high/Low, Apnea, tube obstruction, FiO2 high/low, high PIP, low PEEP/CPAP, fail to cycle, gas supply low, power failure, ventilator inoperative, alarm log book ,Tables and Trends of Two days should be available.
21	Ventilator should be supplied with Good quality medical air compressor (OEM).	Ventilator should be supplied with Good quality <b>medical air compressor . Compressor should be US FDA/European CE certified.</b>
25 k.	should be supplied with oxygen sensors (long life more than 5 years OEM)	should be supplied with oxygen sensors ( <b>Should be covered under warranty and CAMC</b> )
25 l.	HFO rate 3 to 20Hz	HFO rate <b>5 to 20Hz</b>
1b.	Medical air compressor (OEM)	Medical air compressor
Page.73, BOQ - 2.	Ventilator on trolley with wheels and brake facility - 1 No.	Ventilator on trolley with wheels and brake facility - 1 No. - <b>Should be OEM</b>

<b>Item. 15 Paediatric Cystoscope and resectoscope (Rfx no. 3000002464)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>1</b>	<b>Cystourethroscope for Neonates</b>	
	Compact universal operating cystourethroscope 7.5-8 Fr/8.5 - 9.5 Fr, 10 deg angle of view. 3.5 - 5 Fr working channel, working length 130-150mm with irrigation channel	Compact universal cystourethroscope should have distal tip of <b>8.5-9.5 Fr</b> . Angle of view should be 10/12 degree, which has working channel of <b>3.5-6 Fr</b> .
	Compact universal operating cystourethroscope 6 Fr/7.5 Fr, 0 deg angle of view. 4-6.5 Fr working channel, working length 130-150mm with irrigation channel	Compact universal operating cystourethroscope <b>6 -7.5 Fr, 5-6 deg</b> angle of view. <b>3-6.5 Fr</b> working channel, working length 120-150mm with irrigation channel
<b>A</b>	<b>Telescopes</b>	
A.1	Telescope (one each) Autoclavable 134 deg. c/273 deg.F with enlarged image & brightness size 1.2 - 1.9mm, 0 deg length 20cm - 1 No	It should be Telescope (one each) Autoclavable 134 deg. c/273 deg.F with enlarged image & brightness size <b>1.2 - 1.9mm</b> , 0 deg length <b>15-20cm</b> - 1 No
A.2	Telescope (one each) Autoclavable 134 deg. c/273 deg.F with enlarged image & brightness size 1.2 - 1.9mm, 25 or 30 deg length 20cm - 1 No	Telescope (one each) Autoclavable 134 deg. c/273 deg.F with enlarged image & brightness size 1.2 - 1.9mm, 25 or 30 deg <b>15-20cm</b> - 1 No
<b>B</b>	<b>Sheath with obturator with fixed irrigation channel with stop cock</b>	
B.2	Size 8-9 Fr. (one each) with instrument port capacity 3Fr	Size 8-9 Fr. (one each) with instrument port capacity <b>3Fr or more</b>
B.3	Size 9-10 Fr. (one each) with instrument port capacity 5 Fr.	Size 9-10 Fr. (one each) with instrument port capacity <b>4 to 5 Fr</b>
<b>C</b>	<b>Resectoscope - For Neonates</b>	
C.2	Button electrode, flexible, unipolar, 530mm length and 5 Fr. Size - 3 nos ( Qty)	It should be Button electrode, flexible, unipolar, 400-600mm length and <b>4 Fr/ 5 Fr</b> size
<b>II</b>	<b>Resectoscope - for Neonate</b>	
A	Sheath with obturator with fixed irrigation channel with stopcock with distal end insulated Size 9 Fr. (one each) with instrument port capacity 3Fr.	Sheath with obturator with fixed irrigation channel with stopcock with distal end insulated Size 9 Fr. (one each) with instrument port.
<b>e</b>	<b>Forceps</b>	
2	Rigid/flexible grasping forceps: for Stent Removal Length not 25-30 cm, size – 5Fr. (one)	Rigid/flexible grasping forceps: for Stent Removal Length not 25-30 cm, size – <b>3 to 5 Fr</b> . (one)
3	Flexible forceps: Length not <25 mm, size 5 Fr.	Flexible forceps: Length not <25 mm, size <b>3 to 5 Fr</b>
<b>4</b>	<b>Resectoscope - for Children</b>	



<b>Item. 15 Paediatric Cystoscope and resectoscope (Rfx no. 300002464)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
A	Sheath with (insulated tip) obturator with fixed irrigation channel with stopcock with distal end insulated Size 11-13 Fr. with instrument port capacity 5 Fr	Sheath with (insulated tip) obturator with fixed irrigation channel with stopcock with distal end insulated Size 11-13 Fr. with instrument port .

<b>Item 16 Laproscopy set - Paediatric (Rfx no. 300002465)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
3	10MM, 300 , TELESCOPE HOPKINS II FORWARD-OBLIQUE TELESCOPE 300 ENLARGED VIEW, DIAMETER 10 MM, LENGTH 31 CM, AUTOCLAVABLE, FIBER OPTIC LIGHT TRANSMISSION INCORPORATED	10MM, 30 <sup>0</sup> , TELESCOPE FORWARD-OBLIQUE TELESCOPE 30 <sup>0</sup> ENLARGED VIEW, DIAMETER 10 MM, LENGTH <b>30-31</b> CM, AUTOCLAVABLE, FIBER OPTIC LIGHT TRANSMISSION INCORPORATED
4	10MM, 00 , TELESCOPE HOPKINS II STRAIGHT FORWARD TELESCOPE ENLARGED VIEW, DIAMETER 10 MM, LENGTH 29CM, AUTOCLAVABLE, FIBER OPTIC LIGHT TRANSMISSION INCORPORATED	10MM, 0 <sup>0</sup> , TELESCOPE STRAIGHT FORWARD TELESCOPE ENLARGED VIEW, DIAMETER 10 MM, LENGTHLENGTH <b>29-31</b> CM, AUTOCLAVABLE, FIBER OPTIC LIGHT TRANSMISSION INCORPORATED
5	11 MM TROCAR TROCAR WITH PYRAMIDAL TIP, CANNULA , INSUFFLATION STOPCOCK, LENGTH 8.5CM, AUTOMATIC MULTIFUNCTIONAL VALVE	<b>10-11</b> MM TROCAR TROCAR WITH PYRAMIDAL TIP, CANNULA , INSUFFLATION STOPCOCK, LENGTH <b>8.5-10</b> CM, AUTOMATIC OR MULTIFUNCTIONAL VALVE
6	6 MM TROCAR (FOR 5MM INSTRUMENT) TROCAR WITH PYRAMIDAL TIP, CANNULA WITH LUER-LOCK CONNECTOR FOR INSUFFLATION, LENGTH 5 CM AUTOMATIC VALVE	<b>5.5 - 6</b> MM TROCAR (FOR 5MM INSTRUMENT) TROCAR WITH PYRAMIDAL TIP, CANNULA WITH LUER-LOCK CONNECTOR FOR INSUFFLATION, LENGTH <b>5-6</b> CM AUTOMATIC OR SILICONE LEAFLET VALVE
7	6 MM TROCAR (FOR 5MM INSTRUMENT) TROCAR WITH PYRAMIDAL TIP, CANNULA WITH LUER-LOCK CONNECTOR FOR INSUFFLATION , LENGTH 8.5 CM AUTOMATIC VALVE	<b>5.5-6</b> MM TROCAR (FOR 5MM INSTRUMENT) TROCAR WITH PYRAMIDAL TIP, CANNULA WITH LUER-LOCK CONNECTOR FOR INSUFFLATION , LENGTH <b>8.5-10</b> CM AUTOMATIC VALVE
11	REDUCER 6/3 MM	REDUCER /REDUCER SLEEVE: 6/3 MM

<b>Item 16 Laproscopy set - Paediatric (Rfx no. 300002465)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
13	5MM REDDICK-OLSEN DISSECTING AND GRASPING FORCEPS ROTATING WITH CONNECTOR PIN FOR UNIPOLAR COAGULATION, SIZE 5 MM, LENGTH 36CM, HEAVY, DOUBLE ACTION JAWS WITH PLASTIC HANDLES, WITH HEMOSTAT STYLE RATCHET, OUTER TUBE, INSULATED, FORCEPS INSERT	5MM DISSECTING AND GRASPING FORCEPS ROTATING WITH CONNECTOR PIN FOR UNIPOLAR COAGULATION, SIZE 5 MM, LENGTH <b>33 to 36CM</b> , HEAVY, DOUBLE ACTION JAWS WITH PLASTIC HANDLES, WITH HEMOSTAT STYLE RATCHET, OUTER TUBE, INSULATED, FORCEPS INSERT
14	5 MM OLSEN CHOLANGIOGRAPHY FIXATION CLAMP CHANNEL FOR 6 FR CATHETER WITH 2 WAY STOPCOLCK FOR CONTRAST MEDIUM AND SALINE SOLUTION AND FLEXIBLE TUBING WITH 2 LUER LOCK CONNECTORS, SIZE 5 MM	5 MM CHOLANGIOGRAPHY FIXATION CLAMP CHANNEL FOR 6 FR CATHETER WITH 2 WAY STOPCOLCK FOR CONTRAST MEDIUM AND SALINE SOLUTION AND FLEXIBLE TUBING WITH 2 LUER LOCK CONNECTORS, SIZE 5 MM
16	5 MM NEEDLE HOLDER KOH MACRONEEDLE HOLDER, SIZE 5 MM, LENGTH 33 CM ,SELF CORRECTING, ERGONOMIC HANDLE WITH RATCHET, LEFT CURVED JAWS WITH TUNGSTEN CARBIDE INSERTS, FOR USE WITH SUTURE MATERIAL 0/0 – 7/0	5 MM NEEDLE HOLDER MACRONEEDLE HOLDER, SIZE 5 MM, LENGTH 33 CM ,SELF CORRECTING, ERGONOMIC HANDLE WITH RATCHET, LEFT CURVED JAWS WITH TUNGSTEN CARBIDE INSERTS
18	SUCTION IRRIGATION TUBE 5MM, WITH MULTIPLE OPENINGS, LENGTH 36 CM WITH HANDLE FOR SUCTION AND IRRIGATION WITH 2 WAY STOPCOCK AND ADAPTOR	SUCTION IRRIGATION TUBE 5MM, WITH MULTIPLE OPENINGS, LENGTH <b>31-36</b> CM WITH HANDLE FOR SUCTION AND IRRIGATION WITH 2 WAY STOPCOCK AND ADAPTOR
19	10MM FORCEPS 36CM, FORCEPS, ROTATING, DISMANTLING WITHOUT CONNECTOR PIN FORCOAGULATION, DOUBLE ACTION JAWS FOR RETRIEVING GALLSTONES	10MM FORCEPS <b>33-36</b> CM, FORCEPS, ROTATING, DISMANTLING WITHOUT CONNECTOR PIN FORCOAGULATION, DOUBLE ACTION JAWS FOR RETRIEVING GALLSTONES
20	CUSCHIERI ENDOSCOPIC BOWEL CLAMP 5MM , 36 CM, ROTATIONAL, DISMANTLING.	ENDOSCOPIC BOWEL CLAMP 5MM , <b>33- 36</b> CM, ROTATIONAL, DISMANTLING.
21	DEBAKEY GRASPING FORCEPS 5MM , 30 CM LENGTH, ATRAUMATIC, ROTATIONAL, DISMANTLING	DEBAKEY GRASPING FORCEPS 5MM , <b>30 -33</b> CM LENGTH, ATRAUMATIC, ROTATIONAL, DISMANTLING
31	BIPOLAR GRASPING FORCEPS 5.0-5.5 MM DIA, WORKING LENGTH 360 Mm	BIPOLAR GRASPING FORCEPS <b>5.0-5.5</b> MM DIA, WORKING LENGTH <b>330 - 360</b> MM
35	BERCI FASCIAL CLOSURE INSTRUMENT 2.8 MM SIZE, 17 CM LONG	FASCIAL CLOSURE INSTRUMENT 2 TO 2.8 MM SIZE, <b>16-17</b> CM LONG

<b>Item 16 Laproscopy set - Paediatric (Rfx no. 300002465)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
37	TELESCOPE 3.3MM, 30 DEGREE LENGTH 25CM ENLARGED VIEW AUTOCLAVEABLE FIBREOPTIC LIGHT TRANSMISSION INCORPORATED TROCAR SIZE 3.9 MM	TELESCOPE 3.3MM, 30 DEGREE LENGTH <b>25-30CM</b> ENLARGED VIEW AUTOCLAVEABLE FIBREOPTIC LIGHT TRANSMISSION INCORPORATED TROCAR SIZE 3.9 MM
38	3 MM 30 DEGREE TELESCOPE LENGTH 14 CM ENLARGED VIEW AUTOCLAVABLE FIBREOPTIC LIGHT TRANSMISSION INCORPORATED	3 MM 30 DEGREE TELESCOPE LENGTH <b>14-18</b> CM ENLARGED VIEW AUTOCLAVABLE FIBREOPTIC LIGHT TRANSMISSION INCORPORATED
39	3.5 / 3.9 MM TROCAR FOR 3 MM INSTRUMENT TROCAR WITH PYRAMIDAL TIP CANNULA, LENGTH 5 CM, WITH LUER-LOCK CONNECTOR FOR INSUFFLATION, SILICON LEAFLET VALVE	3.5 / 3.9 MM TROCAR FOR <b>3 -3.5</b> MM INSTRUMENT TROCAR WITH PYRAMIDAL TIP CANNULA, LENGTH <b>5 -6</b> CM, WITH LUER-LOCK CONNECTOR FOR INSUFFLATION, SILICON LEAFLET VALVE
42	3 MM PERCUTANEOUS PYLORIC SPREADER CLICK-LINE 3 MM, LENGTH 20 CM, METAL HANDLE WITHOUT RATCHET, ROTATING, OUTER SHEATH WITH WORKING INSERT	<b>3 MM -3.5</b> MM PERCUTANEOUS PYLORIC SPREADER CLICK-LINE 3 MM, LENGTH <b>20 -25</b> CM, METAL HANDLE WITHOUT RATCHET, ROTATING, OUTER SHEATH WITH WORKING INSERT
43	3MM GRASPING FORCEPS, ROTATING, SIZE 3 MM, LENGTH 20 CM, HEAVY, DOUBLE ACTION JAWS WITH PLASTIC HANDLES, ATRAUMATIC, FENESTRATED, WITH HEMOSTAT STYLE RATCHET, OUTER TUBE WITH INSERT, INSULATED, WITH LUER LOCK ADAPTOR FOR CLEANING	<b>3MM -3.5</b> MM GRASPING FORCEPS, ROTATING, SIZE 3 MM, LENGTH <b>20 -25</b> CM, HEAVY, DOUBLE ACTION JAWS WITH PLASTIC HANDLES, ATRAUMATIC, FENESTRATED, WITH HEMOSTAT STYLE RATCHET, OUTER TUBE WITH INSERT, INSULATED, WITH LUER LOCK ADAPTOR FOR CLEANING
	<b>Added Para</b>	All the instrument set Should be US FDA/ European CE certified with 4 digit notified body No
<b>56</b>	<b>CO2 INSUFFLATION UNIT</b>	
<b>56 b</b>	AN ADJUSTABLE FLOW RATE OF 0 TO 20 LITRE PER MINUTE	AN ADJUSTABLE FLOW RATE OF <b>20 LITRE PER MINUTE OR MORE</b>
	<b>Added Para</b>	Co2 Cylinder ( 45kg) : 02 nos
	<b>Added Para</b>	Should be US FDA/ European CE certified with 4 digit notified body No
57	<b>LAPARO PUMP</b>	
	<b>Added Para</b>	Should be US FDA/ European CE certified with 4 digit notified body No

<b>Item. 17 Paediatric Neuroendoscope (Rfx no. 300002466)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>1</b>	HOPKINS Straight-Forward-Tele- scope 6 °, enlarged view, auto- clavable, with angled eyepiece, with instrument channel diameter 3 mm, fiber optic light transmission incorporated, diameter 4 mm	Straight-Forward-Tele- scope 6 °, enlarged view, auto- clavable, with angled eyepiece, with instrument channel diameter 3 mm, fiber optic light transmission incorporated, diameter 4 mm
<b>2</b>	HOPKINS II Straight Forward Telescope 0°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated.	Straight-Forward-Tele- scope 0 °, enlarged view, auto- clavable, with angled eyepiece, with instrument channel diameter 3 mm, fiber optic light transmission incorporated, diameter 4 mm
<b>3</b>	HOPKINS II Wide Angle Forward- Oblique Telescope 30°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated.	Wide Angle Forward- Oblique Telescope 30°, enlarged view, diameter 4 mm, length 18 cm, autoclavable. Fiber optic light transmission incorporated.
<b>7</b>	Balloon Catheter, O.D. 1.0 mm, length 40 cm, volume 0.20 ml, sterile, single use, 20 pieces	Deleted

<b>Item. 18 Paediatric Rigid Bronchoscope &amp; Oesophoscope (Rfx no. 300002467)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
<b>5</b>	Consisting of: Bronchoscope sheaths of size 2.5Fr(18-19cm),3Fr(18.5cm & 26cm),3.5Fr(26 and 30cm), 4Fr (30cm ) and 5 Fr (30cm) of standard length	Consisting of: Bronchoscope sheaths of size 2.5 mm(18-19cm),3 mm (18.5cm & 26cm),3.5 mm(26 and 30cm), 4 mm (30cm ) and 5 mm (30cm) of standard length
<b>6</b>	Esophagoscope Tube size- 5 outer diameter 7.7 mm inner diameter length 30 cm – 1No	Esophagoscope Tube size- 5 – 1No
<b>7</b>	Esaphagoscope Tube size 4 outer diameter 4.8 mm inner diameter 4.3 mm length 30 cm – 1No	Esaphagoscope Tube size 4 – 1No
<b>18 a</b>	Straight Forward Telescope 0 degree, 2.9 mm diameter, length 36cm, autoclavable, fiber optic light transmission incorporated – 1No	Straight Forward Telescope 0 degree, <b>2.9 - 3.4</b> mm diameter, length <b>36 - 38</b> cm, autoclavable, fiber optic light transmission incorporated – 1No
<b>18 b</b>	Straight Forward Telescope 0 degree, 2.9 mm diameter, length 30cm, autoclavable, fiber optic light transmission incorporated – 1No	Straight Forward Telescope 0 degree, <b>2.7 - 2.9</b> mm diameter, length 30-31cm, autoclavable, fiber optic light transmission incorporated – 1No

<b>Item. 18 Paediatric Rigid Bronchoscope &amp; Oesophagoscope (Rfx no. 300002467)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
18 c	Straight Forward Telescope 0 degree, 2.1 mm diameter, length 18cm, autoclavable, fiber optic light transmission incorporated – 1No	Straight Forward Telescope 0 degree, <b>2-2.1</b> mm diameter, length 18 -30 cm, autoclavable, fiber optic light transmission incorporated – 1No

<b>Item. 19 Paediatric URS (Rfx no. 300002468)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
4.3	URS tripronge forceps (largest compatible with ureteroscope) – 4nos. (Can be from other manufacturer)	URS tripronge forceps (largest compatible with ureteroscope) – 4nos. (Can be from other manufacturer.).Shuld be US FDA/ European CE certified with 4 digit notified body no.

<b>Item. 20 PCNL SET PEDIATRIC (Rfx no. 300002469)</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
1	Wide-Angle Straight Forward Telescope 26 Fr 6°, length 25cm, with parallel eyepiece, autoclavable, with LUER-Lock connection for inflow, with instrumentchannel, fiber optic light transmission	Wide-Angle Straight Forward Telescope <b>18-22</b> Fr 6° or more, length <b>22- 25</b> cm, with parallel eyepiece, autoclavable, with LUER-Lock connection for inflow, with instrumentchannel, fiber optic light transmission
2	Wide-Angle Straight Forward Telescope 24Fr 6°, length 19cm, with parallel eyepiece,autoclavable, with LUER-Lock connection for inflow, with instrument channel, fiber optic light transmission	Wide-Angle Straight Forward Telescope <b>11- 12</b> Fr 6° or more, length <b>19 to 22</b> cm, with parallel eyepiece,autoclavable, with LUER-Lock connection for inflow, with instrument channel, fiber optic light transmission
3	Operating Sheath, 26 Fr., for continuous irrigation and suction	Operating Sheath, comaptible with <b>18-22</b> Fr telescope ;suitable for continuous irrigation and suction
4	Hollow Obturator and Fascial Dilator for 26 Fr Sheath.	Hollow Obturator and Fascial Dilator for <b>18-22</b> Fr telescope
5	Operating Sheath, 24 Fr., for continuous irrigation and suction	Operating Sheath, compatible with <b>11-12 Fr.</b> Nephroscope., for continuous irrigation and suction
6	Hollow Obturator and Fascial Dilator for 24 Fr Sheath.	Hollow Obturator and Fascial Dilator for <b>11-12</b> Fr. telescope

<b>Item. 20 PCNL SET PEDIATRIC (Rfx no. 300002469 )</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
9	Telescoping Dilation Sets, consisting of: set of 6 dilators, size 9, 12, 15, 18, 21 and 24 Fr., 27 Fr and 30 Fr with 2 rigid and 2 flexible guide rods for Nephrosopes 26 Fr and 24 Fr	Telescoping Dilation Sets, consisting of: set of 4 dilators, size 9, 12, 15, 18Fr.with 2 rigid and 2 flexible guide rods for 18-22 Fr. Nephrosopes
10	Grasping Forceps for large stone fragments and coagula, fenestrated jaws and U-springhandle, length 38 cm	Compatible Grasping forceps for large stones for <b>18-22 Fr.</b> Nephrosopes. Nephroscope
11	Grasping Forceps for large stones and stone fragments, 3 expanding jaws and small fixation spikes, with U- spring handle, length 38 cm.	Grasping Forceps for large stones and stone fragments, 3 expanding jaws and small fixation spikes;compatible for 18-22 Fr nephroscope.
12	Grasping Forceps for large stones and stone fragments with fenestrated jaws and ring handle, double action jaws, length 38 cm	Grasping Forceps for large stones and stone fragments with serrated jaw and ring handle, double action for 11-12 Fr. Nephroscope.
13	Grasping Forceps for large stones and stone fragments, serrated jaws, double action jaws, with ring handle, length 38 cm.	Grasping Forceps for large stones and stone fragments with serrated jaw and ring handle, double action for 18-22 Fr nephroscope.
14	Scissors, single action jaws, length 38cm	two different scissors compatible with each Nephroscope
15	Suction Tube, length 38 cm	suction tube compatible with 18 Fr. nephroscope
20	Should include radiation protection gloves no 7 and lead shield for body and thyroid min 4 sets. Can be of different make	Deleted
21	Pediatric size Silicone/polymer made operation table positioning pads should be included with Ring headrests with rounded edges, Angular Pads, Semi-circular cylinders, Annular Headrests. Qty 2 sets. Can be of different make	Deleted
23	The cost of all the above items are to be fixed for 7 years mandatorily	Deleted
24	The system should be European CE or US FDA approved	The system should be European CE with four digit number or US FDA approved

<b>Item. 21 Endovision Camera System</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
	Should be Compatible with contemporary laparoscope, Cystoscope and bronchoscope	Deleted
1.D	Recording system with PC based station	Recording system with PC based station <b>OR</b> medical grade HD recorder capable of directly recording full HD quality photos(1920x1080p)and full HD quality videos(1920x1080p) with internal memory of 300GB or more /external hard drive of 300 GB or more must be supplied.
1. E	Associated software	Associated software incase of PC based recording system
<b>A 4</b>	The HD controller should have multiple standard video output of 1 x HD-DVI (1920x1080),1 x RGB and one composite out for optimized display on LCD monitors.	The HD controller should have multiple standard video output of 1 x HD-DVI (1920x1080), one composite out for optimized display on LCD monitors.
<b>A 5</b>	Integrated zoom lens with manual and automatic control. Minimum sensitivity 1.3-1.4 lux.	<b>Integrated/optical zoom lens</b> with manual and automatic control.
<b>A 6</b>	Instrument coupling for all rigid endoscopes. Long camera cable min 300 cm. Two programmable function keys on camera for control of camera function, printer, computer and other peripherals.	Instrument coupling for all rigid endoscopes
8	Peripherals should be consisting of: Mains cord, with par focal zoom lens, camera control unit (CCU), BNC connecting cable, length 180 cms, 2 connecting cables for connecting video printer or recorders, DVI cable, length 300 cm, keyboard, US English character generator.	Peripherals should be consisting of: Mains cord, with zoom lens, camera control unit (CCU), BNC connecting cable, length 180 cms, 2 connecting cables for connecting video printer or recorders, DVI cable, length 300 cm, <b>keyboard/Touch screen</b> , US English character generator.
<b>C</b>	<b>Color Monitor (flat panel) : two</b>	
C.1	One 24-29 inches widescreen LCD, Resolution: full HD.	One 24-29 inches Medical grade LCD/LED, Resolution: full HD.
C.2	One 19 inch wide screen LCD	One 24-29 inches Medical grade LCD/LED, Resolution: full HD.
E.3	Viewing Software Adequate DICOM support in terms of hardware and software should be included	Deleted
<b>F</b>	<b>Network Options ( F 1 to F3)</b>	Deleted
<b>G</b>	Communication	

<b>Item. 21 Endovision Camera System</b>		
<b>Para</b>	<b>Tender Specification</b>	<b>Read As</b>
G 1	Transmission of images and medical report using standard tele-communication i.e. modem, T1, ISDN, ADSL, Ethernet LAN, IP Network	Deleted
I 2	Should comfortably accommodate all the components of the camera system including one monitor	Should comfortably accommodate all the components of the camera system including monitors
J	UPS/CV Transformer	UPS
	Module with Mains Voltage 230v, Isolating Transformer to Upgrade The Basic Electrics, Should fit in the mobile trolley provided	Compatible online UPS for supporting entire system.
BOQ 5	Associated software	Associated software if any

**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**