

**Amendment No. 7**

Date: 08/01/2016

**Sub: Amendment to the Tender Enquiry Document****Ref: NIT No.: HLL/PCD/PMSSY-II/07/15-16 dated 28/10/2015 and subsequent amendments**

The following changes have been incorporated in the referred NIT.

**NOTICE INVITING e-TENDERS (NIT)**

(1)

**The schedules opening/ closing for following items have been revised and is as follows:**

Sch no	Event Number	Name of Item	Qty.	EMD	Due date & time for submission of Tender fee and EMD in physical form	Due date & time for submission of online bids	Date and time of opening of online bids
1	3000000603	CT SCAN – 64 Rows / 128 slice	1	₹ 800,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs
2	3000000604	Phaco emulsificatoin System	1	₹ 60,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs
3	3000000605	Vitrectomy Machine	1	₹ 60,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs
4	3000000606	High End Color Doppler	1	₹ 130,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs
5	3000000607	High Frequency 800mA X Ray Unit	2	₹ 180,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs
9	3000000612	Electric Cautery/Electro Surgical Unit with Vessel sealing	3	₹ 30,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs
13	3000000616	GYNAECOLOGICAL OPERATION THEATRE TABLE	3	₹ 120,000.00	20-01-2016 1700 Hrs	21-01-2016 1800 Hrs	22-01-2016 1230 Hrs

**Section – VII  
Technical Specification****Item SI No. 1  
CT SCAN – 64 Rows / 128 slice**

**1. Existing Para J.1:** The server of at least 10 terabyte storage capacity with expansion slot of additional tera bytes. CPU of 3GHz or better, with 19" or more **high resolution medical grade** colour LCD monitors capable of simultaneously viewing and performing all post processing functions and filming independently without the help of main console.

**Read as:** The server of at least 10 terabyte storage capacity with expansion slot of additional tera bytes. CPU of 3GHz or better, with **19" or more color LCD monitors** capable of

simultaneously viewing and performing all post processing functions and filming independently without the help of main console.

**2. Existing Para J.3:** Four nos of client nodes with concurrent license for 20000 slices rendering capacity & it should be high speed (minimum post processing frame rate of 16frames/sec) CPU minimum 3GHz, 19" monitor, 16GB RAM with an independent Hard disc of 1TB. The necessary connectivity (wifi/Lan) etc for proper functioning should be provided by the vendor.

**Read as:** Four nos of client nodes with concurrent license for 20000 slices rendering capacity. **Client architecture:** It should be high speed (minimum post processing frame rate of 16frames/sec) CPU minimum 3GHz, **19" or more medical grade color LCD monitor**, 16GB RAM with an independent Hard disc of 1TB. The necessary connectivity (wifi/Lan) etc for proper functioning should be provided by the vendor.

**3. Existing Para 4.iv:** Advanced cardiac package including Coronary Artery Imaging, Calcium Scoring, Myocardial Perfusion, Arrhythmia rejection, **Myocardial Viability software**, Cardiac functional analysis and advanced Vessel Analysis including stenosis assessment. Facility for prospective and retrospective ECG gating, facility for automatic selection of rotation speed according to heart beat and step and shoot for low dose acquisition should be available.

**Read as:** Advanced cardiac package including Coronary Artery Imaging, Calcium Scoring, Myocardial Perfusion, Arrhythmia rejection, Cardiac functional analysis and advanced Vessel Analysis including stenosis assessment. Facility for prospective and retrospective ECG gating, facility for automatic selection of rotation speed according to heart beat and step and shoot for low dose acquisition should be available.

**4. Added Para:** Should include Revolutionary technology in Needle Positioning using Robotics systems (Price should be quoted separately)

**Read as:** Should include Revolutionary technology in Needle Positioning using Robotics systems (Optional: Price should be quoted separately)

## **Item SI No. 2 Phaco Emulsification System**

**1. Existing Para 2; Fluids Closed Fluidic system:** Maximum Vacuum range to more than 500mmHg.

**Read as:** Maximum Vacuum range: 500mmHg **or more**

**2. Existing Para 2; Fluids Closed Fluidic system:** Automated 1/V pole > 120cm or manual

**Read as:** Automated 1/V pole > **115cm** or manual

**3. Existing Para 3:** Occlusion mode may be programmable.

**Read as:** Occlusion mode may be programmable **or preprogrammed.**

**4. Existing Para 6; Diathermy Specification: Power: 10 Watts.**

**Read as: Power: Min of 7 Watts.**

**Item SI No. 3  
Vitrectomy Machine**

**1. Existing Para Cutter; Point 1:** Should have the ability to drive vertical guillotine vitrectomy cutter minimum of 5000 cuts/minute.

**Read as:** Should have the ability to drive vertical guillotine vitrectomy cutter minimum of **4000-5000 cuts/minute**

**2. Existing Para Cutter; Point 2:** Should have the 3-D technology to linearly control vacuum and cut-rate simultaneously in vitrectomy mode

**Read as:** Should have the **3-D technology or equivalent** to linearly control vacuum and cut-rate simultaneously in vitrectomy mode

**3. Existing Para Other features; Point 2:** The System should have the Automated Silicon Oil Injection Capability.

**Read as:** The machine should have the **Pneumatic (Air) driven** Silicon Oil Injection Capability.

**Item SI No. 4  
High end Colour Doppler System**

**1. Existing Para 1.1:** The keyboard should have Height adjustment. The adjustment should also include Keyboard rotation Side to Side.

**Read as:** The system should **be ergonomically easy for scanning all applications and should have height adjustment**

**2. Existing Para 5:** Elastography should be available in convex, Linear and whole body convex Probe.

**Read as:** Elastography should be available in convex, Linear **and TVS Probe.**

**Item No. 05:**  
**High Frequency X Ray Unit 800mA**

**1. Existing Para:**

**X-Ray Generator:** Power output of generator should be atleast 65 KW.

**Read as:**

**X-Ray Generator:** Power output of generator should be **64 KW or more.**

**2. Existing Para:**

**Control:** A dual action band switch with retractable cord should be provided for Radiation Protection of Operator. There should be provision of a cordless Exposure switch also.

**Read as:**

**Control:** A dual action band switch with retractable cord should be provided for Radiation Protection of Operator. There should be provision for **corded or cordless exposure switch also.**

**3. Existing Para:**

STD display should be available.

**Read as:**

**SID** display should be available.

**4. Existing Para:**

**Vertical Bucky:** Vertical Bucky stand should be with Reciprocating Grid of Ratio 8:1 / 10:1, 85 lines or more. The Bucky should move up and down & is equipped with a stainless steel cassette tray. This stand should be floor mounted type and can accommodate cassettes up to 14" x 17".

**Read as:**

**Vertical Bucky:** Vertical Bucky stand should be with **Oscillating Grid** of Ratio 8:1 / 10:1, 85 lines or more. The Bucky should move up and down & is equipped with a stainless steel cassette tray. This stand should be floor mounted type and can accommodate cassettes up to 14" x 17".

**5. Existing Para:**

**Other Requirements:** One no. Servo Voltage stabilizer with spike suppressor 150 KVA / Optional.

**Read as:**

**Other Requirements:** One no. Servo Voltage stabilizer with spike suppressor 150 KVA. **(Make, Model should be specified & Price to be quoted separately).**

**Item SI No. 09**  
**Electric Cautery/Electro Surgical Unit with Vessel sealing**

**1. Existing Para 3.1:** Integrated touch screen system with 300-400W output generator for monopolar cut, 100 - 120Watt for monopolar coagulation, bipolar cut 90-150Watt and Bipolar coagulation 90-120Watt and vessel sealing system for open and laparoscopic surgery with under water cutting current.

**Read as:** Integrated **touch screen /touch button** system with 300-400W output generator for monopolar cut, 100 - 120Watt for monopolar coagulation, bipolar cut 90-150Watt and Bipolar coagulation 90-120Watt and vessel sealing system for open and laparoscopic surgery with under water cutting current.

**2. Existing Para 3.11:** Should be usable with laparoscopic monopolar and bipolar instruments, for which **programmes** and accessories must be available.

**Read as:** Should be usable with laparoscopic monopolar and bipolar instruments, for which accessories must be available.

**3. Existing Para 4.2.C:** foot switches for different outputs, qty 01.

**Read as:** Foot switches **for monopolar, bipolar and vessel sealing functions should be supplied as standard**

**4. Existing Para 4.2.J:** Reusable open surgery vessel sealer 2 nos. and reusable endosurgery vessel sealer 02 nos.

**Read as:** Reusable open surgery vessel sealer 2 nos. **to seal vessels of 7mm and reusable endosurgery vessel sealer 02 nos to seal vessels of 7mm**

**5. Existing Para 4.2.K:** Disposable open surgery vessel sealer 01 no. and disposable Endosurgery vessel sealer 01 no.

**Read as: Deleted**

**7. Existing Para 6.2:** Suitable UPS with 30 min backup.

**Read as: Deleted**

**8. Added Para:1** Leakage current on the patient should be less than 10 $\mu$ A.

**9. Added Para 2:** Bidder should submit IEC-60601-1-1-2; latest edition certificate for the quoted model.

**Item SI No. 13**  
**GYNAECOLOGICAL OPERATION THEATRE TABLE**

**1. Existing Para 3.1:** All table positioning i.e. height, back section, lateral tilt, trendelenburg and reverse trendelenburg. Upper movement should be achieved by pressing down on the foot paddle **and reverse movement** by lifting the paddle as well as by remote control.

**Read as:** All table positioning i.e. height, back section, lateral tilt, trendelenburg and reverse trendelenburg. Upper movement should be achieved by pressing down on the foot paddle by **lifting the paddle as well as by remote control.**

**2. Existing Para 6.2:** UPS of suitable rating with voltage regulation and spike protection for 60min back up.

**Read as: Deleted**

**3. Existing Para 7.1:** Should be FDA/CE approved.

**Read as:** Should be **USFDA or European CE approved**

**4. Added Para:** Quoted model should have Electrical IEC 60101-1, medical/electrical equipment for safety certificate, IEC 60601-1-2 for Electromagnetic compatibility certificate.

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

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