

Amendment No. 1

Date: 04/02/2015

Sub: Amendment to the tender Enquiry Document**Ref: Tender Enquiry No.: HLL/PCD/Rohtak/02/14-15 dated 03/01/2015**

The following changes are incorporated in the referred tender enquiry.

**SECTION I
Notice Inviting Tenders (NIT)****Existing:**

Sr. no	Name of equipment	Name of Department	Qty.	EMD Amount (Rs.)
2	Digital Controlled Fully Automatic Electrophoresis System with inbuilt Power Pack for Haemoglobin, Serum Protein Electrophoresis And Immuno Fixation	Pathology	1	30,000

Read as:

Sr. no	Name of equipment	Name of Department	Qty.	EMD Amount (Rs.)
2	Digital Controlled Fully Automatic Agarose Gel based Electrophoresis System with inbuilt Power Pack for Haemoglobin Electrophoresis, Protein Electrophoresis in Serum and fluid and Immunofixation	Pathology	1	80,000

**SECTION - VI
LIST OF REQUIREMENTS****Existing:**

Sr. no	Name of equipment	Name of Department	Qty.	Warranty Period (In years)		CMC Period (In years)	
				Existing	Read as	Existing	Read as
1	Hemodialysis machine	Anesthesia (1) Medicine+CCU (1) Pulmonary critical care (1) Medicine –II (5) Nephrology (5)	13	2	3	6	7

Sr. no	Name of equipment	Name of Department	Qty.	Warranty Period (In years)		CMC Period (In years)	
				Existing	Read as	Existing	Read as
2	Digital Controlled Fully Automatic Agarose Gel based Electrophoresis System with inbuilt Power Pack for Haemoglobin Electrophoresis, Protein Electrophoresis in Serum and fluid and Immunofixation (Earlier description: Digital Controlled Fully Automatic Electrophoresis System with inbuilt Power Pack for Haemoglobin, Serum Protein Electrophoresis And Immuno Fixation)	Pathology	1	2	3	6	7
3	High Speed Drill	Neurosurgery (1) Surgery & surgical oncology (1)	2	2	3	6	7
4	Colour Doppler Echocardiography System with Advanced 2D Facility	Medicine + CCU	1	2	3	6	7
5	Cerebral Function monitor	Paediatric medicine	4	2	3	6	7
6	Optical coherence Tomography (Imported)	RIO	1	2	3	6	7
7	Pleura videoscope	Chest & Respiratory medicine (1) Pulmonary & critical care (1)	2	2	3	6	7
8	Endoscopy Teaching models/ simulators for Endoscopy teaching	Chest & Respiratory medicine	1	2	3	6	7
9	Fibroscan Machine with Standard Probe	Gastroenterology	1	2	3	6	7
10	C-Arm Image Intensifier	Orthopaedics	2	2	3	6	7
11	Pneumatic duct system	OPD	1	2	3	6	7
12	Ultrasonic Aspirator	Neurosurgery OT	1	2	3	6	7
13	Whole body multi slice (16 slice) Spiral CT Scanner	Radiology	1	2	3	6	7

Sr. no	Name of equipment	Name of Department	Qty.	Warranty Period (In years)		CMC Period (In years)	
				Existing	Read as	Existing	Read as
14	High end colour doppler	Radiology	1	2	3	6	7
15	Radiofrequency Ablation System for Treatment of Varicose Vein	Surgery & Surgical Oncology	1	2	3	6	7
16	Scanning Laser Photocoagulator (Imported)	R.I.O	1	2	3	6	7
17	Complete Stress Test System	Medicine - III	1	2	3	6	7
18	Mid - Range Whole Body Colour Doppler	Radiodiagnosis	3	2	3	6	7
19	Supply, Installation, Testing and Commissioning of Additional Points of Medical Gas Pipeline System	Gas Manifold Room	1	2	3	6	7
20	Anaesthesia Machine (Work Station High End)	Mother & Child Hospital	3	2	3	6	7
21	Portable Colour Doppler-cum-Echo	Pulmonary & Critical Care Medicine - II	2	2	3	6	7
22	500 mA High Frequency X-Ray Unit	Radiodiagnosis	2	2	3	6	7
23	100 mA High Frequency Portable X-Ray Unit	Radiodiagnosis	4	2	3	6	7
24	Non-Invasive Ventilators	Medicine + CCU (6) Pulmonary critical care (6) PICU (2) Plastic Surgery (3) Chest & Respiratory Medicine (6)	23	2	3	6	7
25	Portable Colour Doppler Echocardiography System	Medicine + CCU	1	2	3	6	7

Note: The period of Warranty and CMC are to be quoted as above only and any other period mentioned elsewhere in the tender enquiry shall be superseded.

Section – VII Technical Specifications

Item no. 2

The entire specification for this schedule is replaced by the following specification:

Digital Controlled Fully Automatic Agarose Gel based Electrophoresis System with inbuilt Power Pack for Haemoglobin Electrophoresis, Protein Electrophoresis in Serum and fluid and Immunofixation.

1. Microprocessor controlled fully automatic walkaway electrophoresis system with computerized printout for quantification haemoglobin electrophoresis in blood samples, protein electrophoresis and immunofixation/ immunotyping in blood, urine and CSF samples
2. The unit should be equipped and supplied with all the essentials and accessories (automated pipette, urine and CSF concentrator etc) hardware and software for processing the samples to give printout results of curves, graphs and quantified values and including all other accessories to achieve full functionality at the time of installation
3. The equipment should be supplied along with UPS with 3 hours backup
4. All the consumables including printout papers for 100 Haemoglobin, 100 Serum proteins and 25 immunofixation should be supplied at the time of installation
5. The rates must be quoted for all the consumables, controls, antisera, calibrator etc for the electrophoresis and immunofixation that shall be binding for three years
6. The quoted rates must be supported by documents for rate reasonability.
7. The firm will undertake to supply the consumables at least for five years.
8. The rates of all documents to be fixed after initial contract of 3 years on the basis of documents provided by the firm for rate reasonability (supply orders from other users)
9. The system should have random access
10. The printout should include reference ranges of performed parameters for electrophoresis unit
11. The offer must include detailed product catalogue, compliance certificate with NIT, authority letter from manufacturer, list of installation with satisfactory user certificate, copies of latest supply order for rate reasonability
12. Installation must include demonstration and training to the satisfaction of user site.
13. The equipment should have option for bar coding and information for Hospital Information System (HIS)
14. The instrument must be European CE / USFDA approved
15. The firm must supply necessary stand/ table for installation of the unit and must inform other installation requirements.

Item no. 4

Colour Doppler Echocardiography system with advanced 2 D facility

1. **Existing Para 2.1:** Latest generation Electronic Phased array Color Doppler system with minimum 30000 Electronic independent channels. System should be DICOM ready and capable of being interfaced with HIS/RIS/PACS.
Read as: Latest generation Electronic Phased array Colour Doppler system with minimum **20000 Electronic independent channels**. System should be DICOM ready and capable of being interfaced with HIS/RIS/PACS
2. **Existing Para 3.1:** Latest generation Electronic Phased array Colour Doppler system with Minimum 30,000 Electronic independent channels.
Read as: Latest generation Electronic Phased array Colour Doppler system with Minimum **20,000** Electronic independent channels
3. **Existing Para 3.3:** Adult Transthoracic Cardiac (2 probes), TEE (Adult TEE- 01 each), Vascular probes - 01.
Read as: Adult Transthoracic Cardiac (2 probes), TEE (Adult TEE- 01 probe) **and Vascular probe to be supplied which should be latest generation wide band transducers**
4. **Existing Para 3.4.d:** quantification of harmonics imaging (optional).
Read as: Deleted
5. **Existing Para 3.22:** Tissue Doppler imaging with quantification possibly for IHD/CAD/Heart Failure patient.
Read as: **Tissue movement colorization** with quantification possibly for IHD/CAD/Heart Failure patient
6. **Existing Para 4.4:** Electronics Phased Array probe for vascular application - 01nos.
Read as: Electronics Phased Array **or linear probe** for vascular application - 01nos
7. **Added Para:** minimum 4.8 GB optical disc drive for image storage and retrieval (Standard with the system).
8. **Added Para:** Facility of real time perfusion studies.
9. **Added Para:** All future updating of software by supplying firms at no extra cost during warranty.
10. **Added Para:** All Up gradation: hardware/software shall be at additional cost.

Item no. 10

C Arm Image Intensifier

1. **Existing Para Operational Requirements:** Must be equipped with a 23cm image intensifier (should seek a large option if available).
Read as: The Image intensifier should be of 12 inches, triple field

- 2. Existing Para Technical Specifications:** Fluoroscopy mA : 0 -15 mA.
Read as: Fluoroscopy mA : **0 -12 mA or higher**
- 3. Added Para 2: The X ray Generator should be 2KW or more.**

Item no. 13

Whole body multi slice (16 slice) Spiral CT Scanner

- 1. Existing Para 8 Scan Time:** Scan time - The minimum scan time for 360 degree rotation should be 0.75 seconds or less.
Read as: Scan time - The minimum scan time for 360 degree rotation should be **0.8 seconds** or less
- 2. Existing Para C:** Workstation: One Workstation (terra Recon/Vitrea) of latest version.
Read as: Workstation: One Workstation (terra Recon/Vitrea **or equivalent**) of latest version
- 3. Existing Para G:** Terms and conditions of AMC/CMC contract:
Read as: deleted

Item no. 14

High end colour Doppler

- 1. Existing Para 29:** The system should have support real time acquisition and display of two image planes simultaneously with color by incorporating electronic/mechanical volume transducer for this function..
Read as: Deleted.

Item no. 16

Scanning laser Photocoagulator (imported)

- 1. Existing Para:** Laser :577 nm diode pumped solid state.
Read as: Laser 532 nm **or 577 nm diode** pumped solid state
- 2. Existing Para:** Delivered sport size 50-500Um single spot, 100um to 500 um multisport.
Read as: Delivered spot size **50-400microns. (Machines having maximum spot size of >400 microns in single spot mode may also apply)**
- 3. Existing Para:** Treatment pulse duration 10-1000ms, continuous, micropulse mode.
Read as: Treatment pulse duration **10-650ms. Machines having maximum single spot treatment duration of >650ms may also apply. Continuous mode and micropulse mode should be available in the machine**
- 4. Existing Para:** Power 0-2000mW.
Read as: Power **50-1500mW**

Item no. 17

Complete Stress Test System

1. **Existing Para D:** D. Paper - Laserjet Printer compatible - Printed Grid Paper Sheets (commercially available A4 sized) 25 packets should accompany equipment.

Read as: LaserJet Printer compatible- Printed Grid paper **with 200 sheets/ packet** (commercially available A4 sized) 25 packets should accompany equipment

2. **Existing Para Note 2:** BP recording unit in system shall be preferred.

Read as: BP recording unit in system **is to be quoted as standard**

Item no. 18

Mid-range whole body colour Doppler

1. **Existing Para 6.1:** The system shall possess the ability to control speckle through the use of a speckle reduction (SRI) algorithm that enhances borders, reduces speckle artifact and improves detail and contrast resolution in gray scale with compatibility in Color mode, **3D and side-by-side display. This feature shall have operator selectable settings and be capable of displaying in side-by-side mode with non-speckle reduced image.**

Read as: The system shall possess the ability to control speckle through the use of a speckle reduction (SRI) algorithm that enhances borders, reduces speckle artefact and improves detail and contrast resolution in gray scale with compatibility in Colour mode.

2. **Existing Para 10:** Unit should have integrated 3D Imaging facility using Normal probes for MULTIPLANAR views and surface rendering as well as vascular 3D capabilities for Gray scale, Color Mode and also power Doppler. System is capable of capturing 3 dimensional data from parallel and sweep movements.

Read as: MULTIPLANAR views and surface rendering as well as vascular 3D capturing for **Gray scale or Colour Mode or Power Doppler.** System is capable of capturing 3 dimensional data from **parallel or sweep movements.**

Item no. 20

Anaesthesia machine (work station high end)

1. **Para 3:** System components should be FDA and CE certified

Read as: System components should be USFDA and CE certified.

2. **Existing Para 19:** There should be digital control and display for oxygen & electronic pneumatic gas mixing with Virtual Flow Meter.

Read as: There should be **Pneumatic/ electronic gas** mixing with virtual flow meter.

3. **Existing Para 25(b):** Should have at least 17" or more TFT colour display with at least 8 waveforms at a time.

Read as: Should be touch screen 17" or more TFT colour display with at least 8 waveforms at a time.

4. **Existing Para 26 (I):** Tidal volume range preferably from 10 ml to 1200 ml or more.

Read as: Tidal volume range: Should be **20 ml to 1200ml.**

Item no. 21

Portable colour Doppler ultrasound unit for ICU

1. **Existing Para 13:** Unit must be sturdy, resistant to breakage & damage on full/hit against the wall or hard surface for out of the hospital use.

Read as: Deleted

Item no. 22

RADIOGRAPHY UNIT- 500mA

1. **Existing A. Generator, Para 4:** Output at 100 KV should be 600 mAs or more.

Read as: Output at 100 KV should be **500 mA** or more

2. **Existing Para B. X – Ray Tube, Collimator & Column Stand, Para 3:** Counter balanced floor/floor to ceiling stand with rotation of both tube as well as column with electromagnetic locking system for smooth positioning.

Read as: Counter balanced **ceiling mounted** with rotation of both tube as well as column with electromagnetic locking system for smooth positioning

Item no. 23

High Frequency Mobile X-Ray Unit

1. **Existing Para:** Tube arm should have electromagnetic locking facility. There should be inbuilt deadman break. There should be cassette storage box to store up to 10 cassette of 14" x 17".

Read as: Tube arm should have electromagnetic locking facility. There should be inbuilt deadman break. There should be cassette storage box to store **5 cassette** or more of 14" x 17".

Item no. 24

Non-Invasive Ventilators

1. **Existing Para 19:** Should be able to deliver oxygen concentration from 21-100%.

Read as: Should be able to deliver oxygen concentration from 21-100% **with inbuilt technology**

2. **Added Para 1:** Should have provision for TFT screen of 5" or more with graphics display of wave forms
3. **Added Para 2:** Trolley/ Stand & tube hanger from original manufacturer

Item no. 25

Portable colour Doppler echocardiography system

1. **Existing Para 15:** The system should have an easy to use control panel, Should have an alphanumeric keyboard with keys and status display

Read as: The system should have an easy to use control panel, **which can be raised up and down and also be rotated for use in operation theaters.** Should have an alphanumeric keyboard with **illuminated** keys and status display

2. **Added Para 1:** Archive should have inbuilt CDR/W, MO drive and 3 1/2" floppy disc with the facility to transfer images

SECTION – XI PRICE SCHEDULE**C) PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD**

1	2	3	4							5	6
Schedule No.	BRIEF DESCRIPTION OF GOODS	QUANTITY (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.							Total Annual Comprehensive Maintenance Contract Cost for Each Unit for 6 years	Annual Comprehensive Maintenance Contract Cost for 6 years
			1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	(4a+4b+4c+4d+4e+4f+4g)	(3 x 5)
			a	b	c	d	e	f	g		

* After completion of Warranty period

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period must be quoted for next 6 years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. **“Whether service tax on CMC is inclusive or extra, if extra, indicate the present rate.....”**. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98% on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Name _____

Business Address _____

Signature of Tenderer _____

Seal of the Tenderer _____

Place: _____

Date: _____

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 submission of bids