

Amendment No. 1

Date: 24/12/2014

Sub: Amendment to Tender Enquiry Document.

Ref: NIT No. HLL/PCD/GNCTD/25/GTBH/14-15 dated 05/12/2014

The following changes have been incorporated in the referred NIT.

**Section – VII
Technical Specification**

**Item No.01
Deep Freezer (-80 Deg)**

1. Added Para: The model should be European CE and/or USFDA approved product.

**Item No.03
2D Echocardiography system**

Existing Specification:

Para 11: 19 inch Resolution Flicker free, non Interlaced Flat panel monitor with tilt and swivel.

Read as:

Para 11: 19 inch **or more** Resolution Flicker free , non Interlaced Flat panel monitor with tilt and swivel.

**Item No.05
ND YAG System**

Existing Specification:

Para: Max. laser energy: singlepulse: Typically 10mj, Double pulse: Typically 23mj, Triple pulse: Typically 35mj.

Read as:

Para: Max. laser energy: singlepulse: Typically **8 – 12mj**, Double pulse: Typically **20 -25 mj**, Triple pulse: Typically **30 -38 mj**.

Existing Specification:

Para: Energy attenuation: 22 levels.

Read as:

Para: Energy attenuation: 22 levels **or continuous**.

Existing Specification:

Para: Laser Slit Lamp

Magnifications: 5/8/12/20/32X.

Read as:

Para: Laser Slit Lamp

Magnifications in **5 steps**

Existing Specification:

Para: Slit Adjustment

Illumination-12 V, 30W; brightness continuously adjustable.

Read as:

Para: Slit Adjustment

Illumination-12 V, **20 W to 30W**; brightness continuously adjustable.

Existing Specification:

Para: Online UPS compatible with equipment

Read as:

Para: Online UPS compatible with equipment **with One hr battery backup.**

Added Para:

Should be USFDA or European CE approved

Item No.06

Slit Lamp with Applanation Tonometer

Existing Specification:

Para: Filters: Blue, red free (green), **grey (10%)**, UV and IR filters permanently installed.

Read as:

Para: Filters: Blue, red free (green), UV and IR filters permanently installed

Item No.10

Endolaser with Laser Indirect Ophthalmoscope compactible with Carl Zeiss Microscope

Existing Specification:

Para: Auto pulse adjustable from 100-6000 ms pulse interval

Read as:

Para: Auto pulse adjustable from **100-2500 ms** pulse interval

Existing Specification:

Para: Thermoelectric Cooling

Read as:

Para: **Efficient cooling system**

Existing Specification:

Para : Suitable UPS

Read as:

Suitable UPS **with one hr battery backup.**

Item No.11

Automated Field Analyser

Existing Specification:

Para 10 : Facility for SITA SWAP software, full threshold fast pack

Read as:

Para 10 : Facility for SITA/ **Equivalent** software, full threshold fast pack

Item No.12
Radio Frequency Knife for Ophthalmology

Existing Specification:

Para: Bacterial Free Incision

Read as:

Para : **Deleted**

Existing Specification:

Para: Dual Frequency 1.7MHz & 4MHz

Read as:

Para: Dual Frequency **1MHz to 4MHz**

Existing Specification:

Para: Output 120 Watts

Read as:

Para: **Approximately 120 Watts**

Existing Specification:

Para: CE Mark/ EMC compliance; 180 mark certified & FDA 510K approval

Read as:

Para: The system should be **European CE and/or USFDA approved product**

Existing Specification:

Para: Online UPS compatible for the equipment

Read as:

Para: Online UPS compatible for the equipment **with one hour battery back up**

Item No.14

Ceiling Mounted Surgical Light System based on LED Technology with CCD camera

Existing Specification:

Para 1: The equipment should be of international standards having recent and valid 'International Certification For Quality of Product' issued by certifying agencies like US FDA/ISO/CE/TVU. Authenticated and legible certificate for the same to be annexed

Read as:

Para 1: **The system should be European country CE/USFDA approved**

Existing Specification:

Para 16 : The size of light field at 1m distance should be 18-30cm. The depth of focus should be 25-35cm

Read as:

Para 16 : The size of light field at 1m distance **may varies from 17 - 35cm**. The depth of focus should be 25-35cm

Existing Specification:

The Camera system should include the camera control unit a 17" (minimum) HD LCD monitor and a recording device.

Read As :

The Camera system should include the camera control unit a 17" (minimum) HD LCD **Medical grade** monitor and a recording device.

Added Para -

Endo mode should be available on main dome

Item No.15

Ceiling Mounted Surgical Light System based on LED Technology

Existing Specification:

Para 1: The equipment should be of international standards having recent and valid 'International Certification For Quality of Product' issued by certifying agencies like US FDA/ISO/CE/TVU. Authenticated and legible certificate for the same to be annexed

Read as:

Para 1: **The system should be European country CE/USFDA approved**

Existing Specification:

Para 16 : The size of light field at 1m distance should be 18-30cm. The depth of focus should be 25-35cm

Read as:

Para 16 : The size of light field at 1m distance **may varies from 17 – 35 cm**. The depth of focus should be 25-35cm

Added Para

Endo mode should be available on main dome

Item No.16

High Definition Laparoscopic Surgery system

Existing Specification:

Para 1: The equipment should be of international standards having recent and valid 'International Certification For Quality of Product' issued by certifying agencies like US FDA/ISO/CE/TVU. Authenticated and legible certificate for the same to be annexed

Read as:

Para 1: **The system should be European country CE and/or USFDA approved.**

Existing Specification:

Para 10.1.h: Video outputs: Composite, S Video, RGB, HD to DVI, SDI

Read as:

Para 10.1.h: Video outputs: Composite, Video, RGB, HD to DVI

Existing Specification:

Para 10.2.a: HD color monitor(TFT), minimum 24", flat panel

Read as:

Para 10.2.a: HD color monitor minimum **26" LCD/TFT**, flat panel

Existing Specification:

Para 10.3.a: 300 W xenon light source

Read as:

Para 10.3.a: **LED Based Light Source**

Existing Specification:

Para 10.6.e: Compatible with high definition laparoscopic camera system

Read as:

Para 10.6.e: Telescope should be HD

Existing Specification:

Para 10.7.g: Should have disc capacity of at least 300 GB

Read as:

Para 10.7.g: Should have disc capacity of at least **1 TB**

Existing Specification:

Para 10.7.b: Should have multiple video inputs: **HD-SDI**, DVI-D, **SD-SDI**, composite and S – Video

Read as:

Para 10.7.b: Should have multiple video inputs: **HD**, DVI-D, composite and S –Video

Existing Specification:

Para 10.7.c: Should have multiple video outputs: **HD-SDI**, DVI-D, **SD-SDI**, composite and S - Video, USB 2 .0

Read as:

Para 10.7.c: Should have multiple video outputs: **HD**, DVI-D, composite and S -Video, USB 2 .0

Existing Specification:

Para 10.8.a: Monopolar and bipolar output

Read as:

Para 10.8.a: **Monopolar, bipolar cutting and coagulation should be available**

Added Para

Camera, Light source, Insufflator, Suction irrigation and Recording system and Telescope should be from same manufacturer

Added Para

All Instrument should be European CE or US FDA approved

Item No.17

Holmium – YAG- Laser surgical system

Existing Specification:

Para 1: The equipment should be of international standards having recent and valid 'International Certification For Quality of Product' issued by certifying agencies like US FDA/ISO/CE/TVU. Authenticated and legible certificate for the same to be annexed

Read as:

Para 1: **The system should be European country CE and/or USFDA approved.**

Existing Specification:

Para 11.b: Frequency Repetition Rate: up to maximum 20 Hz adjustable

Read as:

Para 11.b: Frequency Repetition Rate: up to maximum **20 – 40 Hz** adjustable

Item No.18

Ultra Sound Machine for Surgery Department

Existing Specification:

Para 1: The equipment should be of international standards having recent and valid 'International certification For Quality of Product' issued by certifying agencies like US FDA/ISO/CE/TVU. Authenticated and legible certificate for the same to be annexed

Read as:

Para 1: **The system should be European country CE and USFDA approved.**

Existing Specification:

Para.11b: Monitor: Flat screen, high resolution, flicker-free, display of 15 inches or more with flexible positioning of monitor.

Read as:

Para.11b: Monitor: Flat screen, high resolution, flicker-free, display of **19 inches** or more with flexible positioning of monitor

Existing Specification:

Para.13: Should have a dynamic range of 300db or more.

Read as:

Para.13: Should have a dynamic range of **200db or more.**

Existing Specification:

Para.26: Video recording facility must be available.

Read as:

Para.26: Video recording facility **internal on DVD and on External Drive** must be available.

Item No.20

Video Endoscopy System

Existing Specification:

Para 1: The equipment should be of international standards having recent and valid 'International certification For Quality of Product' issued by certifying agencies like US FDA/ISO/CE/TVU. Authenticated and legible certificate for the same to be annexed

Read as:

Para 1: **The system should be European country CE and/or USFDA approved.**

Existing Specification:

Para 10: Upper GI GastroVideoscope

Read as:

Para 10: **High Definition Upper GI Gastrovideoscope**

Added Para - Capable of producing Chrome Endoscopy images like NBI/SPIES/I-SCAN/FICE

Existing Specification:

Para 10.a :High Definition/**high Resolution**

Read as:

Para 10.a :High Definition

Existing Specification:

Para 11: Video Colonoscope

Read as:

Para 11: **High Definition Upper GI Gastrovideoscope**

Added Para - Capable of producing Chrome Endoscopy images like NBI/SPIES/I-SCAN/FICE.

Existing Specification:

Para 11.a :High Definition/**high Resolution**

Para 11.g : Down-170 Degree or better

Read as:

Para 11.a :High Definition

Para 11.g : Down-**160 Degree** or better

Existing Specification:

Para 12.c: Integrated air pump

Read as:

Para 12.c: **Deleted**

Existing Specification:

Para 13.a: Xenon light Source 300W

Para 13.b: One spare Xenon bulb to be supplied

Read as:

Para 13.a: **LED Light Source**

Para 13.b: **Deleted**

Existing Specification:

Para 15 b : Monitor size 15" or more.

Read as:

Para 15 b : **HD** Monitor size **19"** or more

Added Para

Trolley should be from same principal manufacturer

Item No.24

Advanced Research Microscope for Bright Field, Phase Contrast and Fluorescence With Digital CCD Camera Attachment

Existing Specification:

Para Optical System: Infinity optical system with fly eye lens for uniform illumination

Read as:

Para Optical System: Infinity optical system with **fly eye lens or graduation filter** for uniform illumination

Existing Specification:

Para Eye piece tube: Trinocular tube with inclination angle of 10-30 deg along with 80:20 light distribution port for attaching digital camera

Read as:

Para Eye piece tube: Trinocular tube with inclination angle of 10-30 deg along with **three way (100:0/80:20/0:100) light distribution port** for attaching digital camera

Existing Specification:

Para Eye piece Lens: 10x (2pcs) with either sides diopter adjustment (F.O.V 25mm) or higher should be anti-fungus type.

Read as:

Para Eye piece Lens: 10x (2pcs) with either sides diopter adjustment (**F.O.V 22-25mm**) or higher should be anti-fungus type.

Existing Specification:

Para Digital High Resolution CCD Camera: Peltier cooling - 20 deg below ambient.

Read as:

Para Digital High Resolution CCD Camera: **Peltier cooling - (10 - 20) deg below ambient**

Item No.25

Dark Field Microscope With Digital CCD Camera Attachment

Existing Specification:

Para Eye piece tube: siedentopf design super wide field trinocular tube should be inclined at 25 degree angle with F.O.V 25mm or higher should be anti-fungus type.

Read as:

Para Eye piece tube: **super wide field trinocular tube should be inclined at 25 - 30 degree angle with F.O.V 22-25mm** or higher should be anti-fungus type.

Existing Specification:

Para Eye piece Lens: 10x (2pcs) with both side diopter adjustment (F.O.V 25mm) or higher should be anti-fungus type.

Read as:

Para Eye piece Lens: 10x (2pcs) with both side diopter adjustment (**F.O.V 22-25mm**) or higher should be anti-fungus type.

Existing Specification:

Para illumination: High performance LED illumination with uniform illumination and life time of at-least 50,000 hrs.

Read as:

Para illumination: High performance LED illumination with uniform illumination and **life time of at-least 20,000 hrs.**

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 tenders.