

Amendment No. 6

Date: 14/08/2014

Sub: Amendment to technical specifications and extension of due date for submission of bids against 8 (eight) Tender IDs

Ref: NIT no. HLL/PCD/GNCTD/09/LNH/14-15 dated 04/06/2014
Tender IDs: 2014_HFWD_58813_10
2014_HFWD_58813_16
2014_HFWD_58813_19
2014_HFWD_58813_20
2014_HFWD_58813_21
2014_HFWD_58813_22
2014_HFWD_58813_23
2014_HFWD_58813_24

The following changes are incorporated to the tender enquiry.

The due date & time of closing of online tenders, submission of physical tenders and opening of online tenders for **above referred Tender Ids only** against the NIT are rescheduled to **27-08-2014 at 06:00 PM, 28-08-2014 at 01:00 PM and 28-08-2014 at 02:00 PM** respectively.

The schedule for closing of online tenders, submission of physical tenders and opening of online tenders for **all the other Tender IDs** against the NIT shall remain unchanged. The prospective bidders shall submit their online bids as per the revised schedules at <https://govtprocurement.delhi.gov.in>

Section – VII

Technical Specification

Item no. 10

Endoscopy Unit

1. Existing :

15) The camera head should have integrated zoom and focus lens to make it fully soakable.

Amended as :

15) The camera head should have integrated zoom and focus lens.

2. **Existing :**

Para 26- 24” High Definition Medical grade Monitor, resolution 1920 X 1200 with DVI input with LED screen, option for wall mounting and desktop in same unit, Fast response time (5-12ms), Number of colors:16.8 million, Luminance: 400cd / m2. Contrast ratio: 700:1 to 1000:1, Vertical / Horizontal Viewing Angle: 178 degree – 176°, Membrane style button which are enclosed to prevent dust collection.

Amended as :

Para 26- 24” High Definition Medical grade Monitor, resolution **1920 X 1080p to 1200p** with DVI input with LED screen, option for wall mounting and desktop in same unit, Fast response time (5-12ms), Number of colors:16.8 million, Luminance: 400cd / m2. Contrast ratio: 700:1 to 1000:1, Vertical / Horizontal Viewing Angle: 178 degree – 176°, Membrane style button which are enclosed to prevent dust collection.

3. **Existing :**

Para O) Full HD (1080P) image and Full HD (1080P) video recording and data archiving system.

- Controllable via Touch screen, camera head buttons, **footswitch** mouse and keyboard.

Amended as :

Para O) Full HD (1080P) image and Full HD (1080P) video recording and data archiving system.

- Controllable via Touch screen, camera head buttons, mouse and keyboard.

4. **Existing :**

Grabber-card: DV1-D, SDI, S-Video, Composite;

The DICOM 3 interface shall be installed to the system in order to allow the surgeon to view all the DICOM 3 images stored in the PACS system on a digital light box within the operating rooms. Furthermore, all intra operative images recorded can be sent via the DICOM 3 interface to the PACS system for further processing.

The HL7 interface system shall be connected to the image and Data Archiving System to allow the patients demographics to be downloaded directly to the patients data file.

Amended as :

Grabber-card: DV1-D, SDI, S-Video, Composite;

The DICOM 3 **or equivalent system** interface shall be installed to the system in order to allow the surgeon to view all the DICOM 3 **or equivalent system** images stored in the PACS system on a digital light box within the operating rooms. Furthermore, all intra operative images recorded can be sent via the DICOM 3 **or equivalent system** interface to the PACS system for further processing. The HL7 interface system shall be connected to the image and Data Archiving System to allow the patients demographics to be downloaded directly to the patients data file.

5. **Existing :**

The core operating laparoscope like Telescopes, Endovision Three chip DH camera, light source, CO2 Insuffators, **hand instruments (bipolar forceps, unipolar forceps, HF needle etc.)** fiber optic cable, veress needle, video monitor should be from single manufacturer for system compatibility.

Amended as:

The core operating laparoscope like Telescopes, Endovision Three chip HD camera, light source, CO2 Insuffators, fiber optic cable, video monitor should be from single manufacturer for system compatibility.

Item no. 16

Pediatric Ventilator for PICU

1. **Existing:** Battery backup of at least 1 hr with compressor

Amended as: Battery backup of at least 1 hr **without** compressor

Item no. 19

LED Ceiling OT Light with Camera System

1. **Existing:**

Para 14: Colour temperature of: $\geq 4500k$.

Amended as:

Para 14: Colour temperature of: $\geq 4400k$.

Item no. 20

VESSEL SEALING SYSTEM WITH FOUR MONOPOLAR AND BIPOLAR CAUTERY

1. **Existing:**

Para 3: System should have 2 monopolar outputs, i.e., cutting and coagulation, 1 Bipolar output, endoscopic monopolar output and Vessel Sealing output.

Amended as:

Para 3: System should have 2 monopolar outputs, i.e., cutting and coagulation, 1 Bipolar output, and Vessel Sealing output.

2. Existing:

Para 18: Should meet international quality such as European CE, US-FDA approved to medical directive.

Amended as:

Para 18: Should be **European CE and/or US-FDA** approved.

3. Existing :

Para 24: Small Jaw, vessel sealing instrument with cutter should be supplied which has thermal spread < 1mm.

Amended as:

Para 24: Small Jaw, vessel-sealing instrument with cutter should be supplied.

4. Existing :

The following accessories should be supplied with the system

1	Monopolar, Bipolar, Vessel Sealing Foot Switch	1 pcs each
2	Open surgery sealer & cutting inst.(complete set)	5 pcs
3	Small 7.5 inch. Sealer & cutting inst.(complete set)	10 pcs
4	5 mm Laparoscopic sealer and cutting instruments(complete)	25 pcs
5	10mm Laparoscopic sealer and cutting instruments(complete)	10 pcs
6	Monopole Hand switching Pencil	100 pcs
7	Patient Plates Disposable(Pediatrics/Neonatal)	200 pcs
8	Universal Adapter	1pcs
9	Wire L-Hook tip more than 25cm long	10pcs
10	Monopolar Laparoscopic cord	5 pcs
11	Bayonet Bipolar forceps with cord	2pcs
12	Disposable/ Reusable Laparoscopy vessel sealing instrument(Maryland)	02 set
13	Disposable/reusable vessel sealing instrument for open surgery suitable for pediatric (small jaw 150mm approx)	02

Amended as :

The following accessories should be supplied with the system

1	Monopolar, Bipolar, Vessel Sealing Foot Switch	1 pcs each or 2 if double paddle
2	Open surgery sealer& cutting inst.(complete set)	15 pcs if disposable, 1 if reusable
3	Small 7.5 inch. sealer & cutting inst.(complete set)	15 pcs if disposable, 1 if reusable
4	5 mm Laparoscopic sealer and cutting instruments(complete)	30 pcs if disposable, 2 if reusable
5	10mm Laparoscopic sealer and cutting instruments(complete)	30 pcs if disposable, 2 if reusable
6	Monopole Hand switching Pencil	100 pcs if disposable, 16 if reusable
7	Patient Plates Disposable(Pediatrics/Neonatal)	if Disposable 200 pcs / if reusable 4 silicon plates
8	Universal Adapter	1pcs
9	Wire L-Hook tip more than 25cm long	15 pcs if disposable, 1 if reusable
10	Monopolar Laparoscopic cord	5 pcs
11	Bayonet Bipolar forceps with cord	2pcs
12	Disposable/ Reusable Laparoscopy vessel sealing instrument(Maryland)	02 set Maryland if reusable, 30 if disposable
13	Disposable/reusable vessel sealing instrument for open surgery suitable for pediatric (small jaw 150mm approx.)	02 if reusable, 30 if disposable

Item no. 21

Pediatric Video Gastro & Colonoscopy system

1. Existing :

Technical Specification (pg. 71 of TED)

Insertion tube Outer Diameter 6 mm or less

Working length 1100 mm approx

Total length 1400 mm approx

Added Para : Optical zoom 10 X approx.

Amended as :

Optical zoom **8-10X approx.**

2. Existing :

Para 2 : Pediatric video Colonoscope (Qty. 01) - Should have

Added Para : xi. Optical zoom 10X approx.

Amended as :

Optical zoom **8-10X approx.**

3. Existing :

Para 2 : Pediatric video Colonoscope (Qty. 01) - Should have Working length 165 cm or better

Amended as :

Working length **>160cm**

4. Existing :

MEDICAL VIDEO PROCESSOR - Quantity -1

i. Should be equipped with both High definition white light and i-scan modes compatible with the above video scopes.

Amended as :

MEDICAL VIDEO PROCESSOR - Quantity -1

i. Should be equipped with High definition white light compatible with the above video scopes.

5. Existing as :

LED LIGHT SOURCE with insufflators Quantity 1(if not quoted with medical video processor)

LED light should be easy to operate and offer outstanding light delivery in compact design. Light intensity >100000Lux

Amended as :

Xenon light should be easy to operate and offer outstanding light delivery in compact design(>100watt).

Required Features:

- i. Optimal light delivery.
- ii. Excellent brightness with daylight spectrum.
- iii. Infinitely adjustable luminous intensity.
- iv. High-performance air filters with low noise level.
- v. Lamp service life display
- vi. Standby lamp with Easy lamp replacement.(in case of Xenon)
- vii. Integrated insufflations pump with 3 multiple output levels.
- viii. It should have color temp. approx. 6000 K
- ix. It should have light continuously light adjustment either manually or Automatically by the camera's video output signal
- x. It should be supplied with one spare bulb
- xi. Unit should be according to international safety standard **US-FDA or European CE**

Item no. 22

HOLMIUM LASER

1. Existing :

Para 4 : Should have aiming beam, preferably green.

Amended as :

Para 4 : Should have aiming beam.

Item no. 23

C-arm Compatible Paediatric O.T. Table

1. Existing :

Para 4 : It should have a segmented radiolucent table top (each with its own mattress) with a longitudinal shift of at least 300mm for free movement of the C-arm. It should allow insertion of X-ray cassette from head to toe without manipulating the patient.

Amended as :

Para 4 : It should have a segmented radiolucent table top (each with its own mattress) with a longitudinal shift of at least 300mm **if total or 200mm either side** for free movement of the C-arm. It should allow insertion of X-ray cassette from head to toe without manipulating the patient.

Item no. 24

Pediatric Percutaneous Lithotomy set with Endovision System

1. Existing :

PEDIATRIC ENDOVISION CAMERA SPECIFICATION

1. High Definition Camera and camera controller unit
 - i. Optimizes to Any Size : The system should have autoclavable camera head and autoclavable Optical Zoom (F=14-30 mm, 2X) approx to enhance the quality of Image Size & cross specialty standardization of the camera system, regardless of the telescope used.
 - ii. Optical Zoom function can be activated from camera head.

Technical Specifications:

- i. Image sensor 3X1/3" CCD-Chip
- ii. Pixels 1920 x 1080
- iii. AGC Microprocessor controlled

- iv. Lens Zoom Lens, f=14mm-30mm approx
- v. Video output Composite signal to BNC socket
- vi. Y/C signal to S-VHS socket
- vii. HDTV signal to DV1-D socket
- viii. Certified to IEC 601-1, 601-2-18, CSA 22.2 No. 601, UL 2601 & CE label
- ix. The camera should be quoted with the CCU, camera head, connecting cables for printers and recorders, BNC, S-VHS (Y/C). Connecting cables, Keyboard for character generation.

Amended as :

PEDIATRIC ENDOVISION CAMERA SPECIFICATION

1. High Definition Camera and camera controller unit

- i. Optimizes to Any Size: The system should have **steam** autoclavable camera head **max. resolution 1920 x 1080 Pixels**, autoclavable optical Zoom (F=14-30 mm, 2X) approx to enhance the quality of Image Size & cross specialty standardization of the camera system, regardless of the telescope used.
- ii. Optical Zoom function can be activated from camera head.

The camera should be quoted with the CCU (**compatible with above mentioned camera head, full HD, Max resolution 1920x1080 pixels, Integrated image capture to USB; colour system-PAL/NTSC; power -100-240 V. aspect ratio:16:9, Output- 2x HDMI out, 2x Serial digital interface output (SDI out), Analog output**), connecting cables for recorders, **HDMI, DVI etc. Container for sterilization/storage of camera head, autoclavable, for use with steam, gas and plasma sterilization.**

2. Existing :

Para 3 : LED cold Light Source with all suitable accessories
v. Light intensity >100000Lux
vi. Life of LED > 50000 hours

Amended as :

Para 3 : LED cold Light Source with all suitable accessories
v. **watt - >150**
vi. **Life of LED > 30000 hours**

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

Note:

- 1. Prospective bidders are advised to ensure the validity of their EMD as per the revised schedule for opening of tenders.
- 2. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of tenders.