

Amendment No. 15

Date: 15.03.2016

Sub: Amendment to the Tender Enquiry Document

Ref: NIT No.: HLL/PCD/PMSSY-II/NAGPUR/11/15-16 dated 06/11/2015

TECHNICAL AMENDMENT

Item No. 07

Advanced Laparoscopic System

1. Added Para:

To be added under Para: II (1) HD Camera Head resolution 1920 x 1080pixel, 1/3” progressive scan 60Hz with 2 freely programmable camera head buttons and optical zoom lens of 2X

It should have image enhancements of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions, split screen to display of real image and optically enhanced image on single video screen”,

System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like blue green light for recognition of the finest tissue structures and their differentiation.

2. Added Para:

Added under Para: V(1) External recording device in high definition 1080p with storage facility;

The full high definition digital documentation system should be a high end computer system based on window 7/8 embedded platform (for security purposes) designed specifically for recording, managing and archiving surgical images and video in native full HD resolution. The captured full high definition images videos can be accessed from the hard drive printing or saving onto multiple media which includes CD/DVD,USB Flash Drive & hospital network. It should be able to preview and simultaneously record views from video sources and archive as single patient file.

3. Existing Specification:

Para VIII.1: Straight forward Telescope 0 deg, Enlarged view, Diameter 10mm, length 42cm, Autoclavable. Fiber optic light transmission incorporated

Read as:

Para VIII.1: Straight forward Telescope 0 deg, Enlarged view, Diameter 10mm, length 42cm or more, Autoclavable. Fiber optic light transmission incorporated

4. Added Para:

Added under para X(1)

Telescope: Straight forward telescope 0 degree. Enlarged view. Diameter 10mm length 29-33cm Autoclavable. Fiber optic light transmission incorporated.

5. Existing Specification:

Para XI.3: Trocar, **Size 6mm** consisting of : Trocar only, with pyramidal tip, cannula without valve, with insufflations stop cock, length 10.5 cm, Multifunctional Valve – 3 Nos.

Read as:

Para XI.3: Trocar, **Size 5.5/6mm** consisting of : Trocar only, with pyramidal tip, cannula without valve, with insufflations stop cock, length 10.5 cm, Multifunctional Valve – 3 Nos.

6. Existing Specification:

Para XI.4: Dissecting and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5mm, **length 36cm** double action jaws, consisting of: Plastic Handle, **without ratchet** Outer Tube, insulated Forceps Inset

Read as:

Para XI.4: Dissecting and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5mm, **length 33cm or more** double action jaws, consisting of: Plastic Handle, **with ratchet** Outer Tube, insulated Forceps Inset

7. Existing Specification:

Para XI.5: Grasping Forcep, rotating with connector pinfor unipolar coagulation, size 5mm, **length 36cms**, atraumatic fenestrated single action jaws consisting of plastic Handle, without ratchet, outer tube, insulated Forcep inset. 2 Nos

Read as:

Para XI.5: Grasping Forcep, rotating with connector pinfor unipolar coagulation, size 5mm, **length 33cms or more**, atraumatic fenestrated single action jaws consisting of plastic Handle, without ratchet, outer tube, insulated Forcep inset. 2 Nos

8. Existing Specification:

Para XI.6: Scissors, rotating, dismantling, insulated with connector Pin for Unipolar coagulation, wit LEUR Lock connector for cleaning, double action jaws, curved, length of blades 15mm, size 5mm, **length 36cm** consisting of Plastic Handle insulated, **without ratchetMetal outer sheath**, insulated scissors insert for use withtrocars size 6mm– 2 Nos.

Read as:

Para XI.6: Scissors, rotating, dismantling, insulated with connector Pin for Unipolar coagulation, with LEUR Lock connector for cleaning, double action jaws, curved, length of blades 15mm, size 5mm, **length 33cm or more** consisting of Plastic Handle insulated, **with ratchet Metal outer sheath**, insulated scissors insert for use with trocars size 6mm– 2 Nos.

9. Existing Specification:

Para XI.7: Claw Forceps. 2x3 teeth, rotating, with connector pin for unipolar coagulation. size 5mm, **length 36cm**, single action jaws, consisting of Plastic Handle with style ratchet Outer Tube, insulated Forceps Inset.

Read as:

Para XI.7: Claw Forceps. 2x3 teeth, rotating, with connector pin for unipolar coagulation. size 5mm, **length 33cm or more**, single action jaws, consisting of Plastic Handle with style ratchet Outer Tube, insulated Forceps Inset.

10. Existing Specification:

Para XI.8: Suction and Irrigation Tube, anti-reflex surface with two-way stopcock, for single hand control size 5mm, **length 36cm**

Read as:

Para XI.8: Suction and Irrigation Tube, anti-reflex surface with two-way stopcock, for single hand control size 5mm, **length 33cm or more**

11. Existing Specification:

Para XI.10: Clip Applicator for use with Piling- Weck Titanium Clips (Medium Large), Dismantling, rotating, with ratchet to lock the jaw part holding the clip, size 10mm, **length 36cm**, consisting of: Metal Handle with ratchet Metal Outer Tube Insets. Titanium clips medium large 200Nos

Read as:

Para XI.10: Clip Applicator for use with Piling- Weck Titanium Clips (Medium Large), Dismantling, rotating, with ratchet to lock the jaw part holding the clip, size 10mm, **length 33cm or more**, consisting of: Metal Handle with ratchet Metal Outer Tube Insets. Titanium clips medium large 200Nos

12. Existing Specification:

Para XI.11: Coagulating and Dissecting Electrode, L-Shaped with connector pin for unipolar coagulation, size-5mm, **working length 36cm.**

Read as:

Para XI.11: Coagulating and Dissecting Electrode, L-Shaped with connector pin for unipolar coagulation, size-5mm, **working length 33cm or more**

13. Added para:

Added under Para: XII(1) Should be supplied with suitable trolley.

Imported video trolley to be supplied from same manufacturer for mounting equipments having minimum three self with drawer, with antistatic wheel casters, front lock able high grade of electrical insulation and earth protection 5 Ampere socket, 10 Nos Inbuilt with trolley to connect all electronic devices CO2 bottle stand, isolation transformer of suitable capacity should be provided with the trolley should have 1 moveable articulated arm to mount the 19"/21" touch screen monitor.

14. Added para:

All items including all medical devices and hand instruments should be from same manufacturer for total system compatibility to have maximum performance from the system, except the CO2 Cylinder required for CO2 cylinder required for CO2 insufflators.