



Date: - 19<sup>th</sup> December 2016

## Corrigendum

for

### Full HD Endoscopy System for the Department of ENT

NIT Issue Date	:	08 <sup>th</sup> November 2016.
NIT No.	:	Admn/Tender/76/2016-AIIMS.JDH
Pre Bid Meeting held on	:	21 <sup>st</sup> November, 2016 at 03:30 PM
Last Date of Submission	:	20 <sup>th</sup> December, 2016 at 03:00 PM
Revised Last Date of Submission	:	18 <sup>th</sup> January, 2017 at 03:00 PM

#### The following revised and additional specification will be added:-

- Page No. 10, Point No. 1, Three Chip High definition Camera System, Sub Point No. B:**  
**For**  
USB Port for Capturing FULL HD Videos/ HD Stills in External USB drive and direct interface of USB Printer to facilitate direct printouts.  
**Read**  
USB Port for Capturing HD Stills/ FULL HD Videos (desirable) in External USB drive and direct interface of USB Printer to facilitate direct printouts.
- Page No. 10, Point No. 1, Three Chip High definition Camera System, Sub Point No. C:**  
**For**  
System should have facility of controlling additional equipments like light source/ insufflators and recording device from the camera head.  
**Read**  
System should have facility of controlling additional equipments like light source and recording device from the camera head.
- Page No. 10, Point No. 1, Three Chip High definition Camera System, Sub Point No. D:**  
**For**  
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.  
**Read**

System should have facility to offer various visualization modes including optical color enhancement for surgery and diagnosis by shifting the color spectrum for recognition of the finest tissue Structures and their differentiation.

**4. Page No. 10, In headline:**

**For**

Modular design: Digital FULL HD camera module should be compatible for use with video flexible GI endoscopes.

**Read**

Modular design: Digital FULL HD camera module should be compatible for use with video flexible endoscopes.

**5. Page No. 10, Modular design: Digital FULL HD camera module should be compatible for use with video flexible GI endoscopes, Technical Specification, Para No. 4, Lens:**

**For**

Integrated Zoom Lens f = 15-31 mm (2x optical zoom)

**Read**

Integrated Zoom Lens f = 15-31 mm (1.8x or above optical zoom)

**6. Page No. 10, Modular design: Digital FULL HD camera module should be compatible for use with video flexible GI endoscopes, Technical Specification, Para No. 7, Video output:**

**For**

2 x DVI-D output, 1 x 3G-SDI output, 3 x camera input for communication with compatible camera modules, LAN connection, 4 x USB connection (2 x front, 2 x back).

**Read**

Multiple DVI-D outputs, 3G/HD - SDI outputs, camera inputs for communication with compatible camera modules, LAN connections, USB connections.

**7. Page No. 11, Point No. 2, High Definition Medical Grade Monitor, Specification, Point No. C:**

**For**

Brightness : 500 cd/m<sup>2</sup>

**Read**

Brightness : 450 cd/m<sup>2</sup> or more

**8. Page No. 11, Point No. 2, High Definition Medical Grade Monitor, Specification, Point No. i:**

**For**

Screen Dimensions : 643 x 396 x 87mm

**Read**

Deleted

**9. Page No. 11, Point No. 2, High Definition Medical Grade Monitor, Last Para:**

**For**

Accessories External 24VDC Power Supply, Mains Cord, Pedestal. Certified to: EN 60601-1, protection class IPX 1.

**Read**

Accessories External 24VDC Power Supply, Mains Cord, Pedestal (Optional). Certified to: EN 60601-1, protection class IPX 1.

**10. Page No. 11, Point No. 4, Video Trolley, Point No. 1:**

**For**

Video trolley to be supplied for mounting equipments having minimum four self in addition to with one drawer, with antistatic wheel casters, front lockable, high grade of electrical insulation and earth protection. 5 Ampere socket, 10Nos, inbuilt with trolley to connect all electronic devices. CO2 bottle stand should be integrated with trolley. Potential equalization connection to

be provided at least 10 points. Powder coated good quality rust free and should be able to take load minimum up to 70 Kg. Should be medical grade and from same manufacturer.

**Read**

Video trolley to be supplied for mounting equipments having preferably four or more shelf, desirably having one drawer, with antistatic wheel casters, front lockable, high grade of electrical insulation and earth protection. Multiple 5 Ampere sockets, inbuilt with trolley to connect all electronic devices. Multiple Potential equalization connections to be provided. Powder coated good quality rust free and should be able to take load minimum up to 70 Kg. Should be medical grade and from same manufacturer.

**11. Page No. 12, Point No. 5, Advance Audio Video Recording and Data Documentation, Point No 2:**

**For**

It should have Integrated surgical checklist following the WHO standard or customizable

**Read**

It should have Integrated customizable surgical checklist following the WHO standard or equivalent.

**12. Page No. 12, Point No. 5, Advance Audio Video Recording and Data Documentation, Point No 3:**

**For**

System should have SSD-technology (Separate SSD for boot up) in order to boot fast

**Read**

Desirably System should have SSD-technology (Separate SSD for boot up) in order to boot fast

**13. Page No. 12, Point No. 5, Advance Audio Video Recording and Data Documentation, Point No 4:**

**For**

System should have i7 processor with speed of at least 3.4 GHz. With 8 GB or more RAM for fast processing of dual channel, HD & 3D recording

**Read**

System should have latest hardware configuration including latest high speed processor, adequate RAM for faster simultaneous processing of dual channel, HD & 3D recordings. System also preferably should be able to do real time audio recording along with endoscopic recording (Desirable). Should have multiple adequate numbers of input/output sockets for faster full HD/3D data transfer. Preferably should be able to do easy video editing and preferably should be network compatible.

**14. Page No. 12, Point No. 5, Advance Audio Video Recording and Data Documentation, Point No 7:**

**For**

Minimum 2 TB storage.

**Read**

Minimum 2 TB of storage to be provided with the system

**15. Page No. 12, Point No. 6, Touch Screen for Data Documentation, Point No 1:**

**For**

19-21'' Touch screen certified to be used in Operating room. It should be supplied with movable extension arm to be mounted on Video Trolley.

**Read**

Large touch screen certified to be used in Operating room. It should be appropriately placed on/attached to Video Trolley.

**Administrative Officer  
AIIMS, Jodhpur**