



Date: - 19<sup>th</sup> August, 2019

Corrigendum  
For  
Flexible Video Uretero - Renoscope with Chip on  
the tip for Urological Procedure with high  
Definition System with Recording and Trolley for  
the Department of Urology

NIT Issue Date	: 17 <sup>th</sup> June, 2019
NIT No.	: Admn/Tender/134-2/2018-AIIMS.JDH
Pre-Bid Meeting	: 28 <sup>th</sup> June, 2019 at 03:45 PM
Earlier Date of Submission	: 13 <sup>th</sup> August, 2019 at 03:00 PM
Extended Date of Submission	: 29 <sup>th</sup> August, 2019 at 03:00 PM
Bid opening	: 30 <sup>th</sup> August, 2019 at 03:15 P.M

The following revised and additional specification will be added:-

1. Page No. 1, In technical specification, After Toggle Button No. 5):

**For**

- Flexible Video Uretero-renoscope (chip on tip)- 3 No's

**Read**

- Flexible Video Uretero-renoscope (chip on tip)- 2 No's

2. Page No. 1, In technical specification, Toggle Button No. 2:

**For**

1) 300W Xenon Light Source : 1 No

- Xenon Light Source should have a special filter light for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions in real time
- Should be 300W Xenon Light Source
- Automatically adjust light intensity to achieve ideal illumination.
- Xenon Light source should have minimum 500 Hours bulb life

**Read**

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3. Page No. 1, In technical specification, Toggle Button No. 4 :

**For**

- Should have a Dual-Channel full high-definition simultaneous video capturing, recording & editing capability through a touch screen intuitive interface
- Should have minimum 7 inch or more touch screen
- Should have atleast 500 GB internal memory or more
- Should have a feature of real time in-procedure recording capability besides at-the-end procedure DVD burning.

- Such a system should have at least two USB 2.0 ports for connection to external HDD, USB Printer, etc.
- Should support *file formats* for :  
Images: Bitmap (BMP), JPEG, Tagged Image File Format (TIFF)  
Videos: MPEG-4 AVC/H.264
- System should be capable of integration to the FTP / CIFS / DICOM (C-Store) Servers.

## Read

- Should have a Dual-Channel full high-definition simultaneous video capturing, recording & editing capability through a touch screen intuitive interface
- Should have minimum 7-12 inch or more touch screen
- Should have atleast 2-4 TB internal memory or more
- Such a system should have at least two USB 2.0 ports for connection to external HDD, USB Printer, etc.
- Should support *file formats* for :  
Images: Bitmap (BMP), JPEG, Tagged Image File Format (TIFF)  
Videos: MPEG-4 AVC/H.264
- System should be capable of integration to the FTP / CIFS / DICOM (C-Store) Servers.
- Recording system should be supporting 2D and 3D full HD recording

## 4. Page No. 2, In technical specification , After Toggle Button No. 5:

### For:

Should have following features:

- Should be ready to use after only one plug into (existing) HD camera control unit
- Scope should have in built light source located at the hand piece of the scope with no external light cable required
- Should have the latest state of art CMOS technology for image transmission for better resolution of image
- Should have special filter light for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions,
- High Definition CCD chip integrated into the scope tip for superior image quality.
- Direction of view : forward viewing (0 degree)
- Depth of field : 1.5-50mm
- Field of view should be around : 80-90 deg
- Insertion tube Distal end outer diameter –6 Fr to 8.5 Fr
- Insertion tube outer diameter: 8.4 to 9.9 Fr
- Angulation range : Up 270° & Down 270°
- Instrument Inner channel diameter : 3 - 4 Fr
- Working length of videoscope should be approx. : 650-700mm
- Total length of videoscope should be approx.. : 950-990mm
- Should be water proof and fully immersible in solution
- Should have a ceramic linear in the distal end of the working channel to protect it from thermal and electro-cautery damage
- The torque ratio should be 1:1, i.e. there should 1 to 1 response of the tip, showing high torque stability
- Should have programmable buttons on the head
- Should have leakage testing port for routine maintenance
- Ergonomically positioned programmable switches for ease of use

- It should adhere to sterilization method with ETO/EFO gas, Steris and Sterrad.
- Should be supplied with all necessary compatible accessories like cleaning brushes ,Forceps, case for the instrument, pressure compensation cap, Leakage tester , Sterilization, cap/ETO Cap

**Read:**

Should have following features:

- Should be ready to use after only one plug into (existing) HD camera control unit
- Scope should have in built light source located at the hand piece of the scope with no external light cable required
- Should have the latest state of art CCD/CMOS technology for image transmission for better resolution of image
- Should have special filter light for observation of capillary vessels and fine patterns in the superficial layer of mucosa for early detection of lesions,
- High Definition CCD chip integrated into the scope tip for superior image quality.
- Direction of view : forward viewing (0 degree)
- Depth of field : 1.5-50mm
- Field of view should be around : 80-90 deg
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**5. Page No. 3, In technical specification (Accessories), After Toggle Button No. 7:**

**For:**

- Compatible ureteral access sheath with inner diameter 9.5 Fr. and length of 35 cm. - 12 No's
- Compatible ureteral access sheath with inner diameter 9.5 Fr. and length of 45 cm. - 12 No's
- Compatible ureteral access sheath with inner diameter 12 and length of 35 cm. – 2 No's
- Compatible ureteral access sheath with inner diameter 12 Fr. and length 45 cm. - 2 No's
- Nitinol tipples stone extractor 1.5 Fr. and length 115 cm - 5 No's
- Nitinol tipples stone extractor 2 Fr. and length 115 cm - 5 No's
- Nitinol multi-wire (12-16 wire basket) geometry stone extractor (partial closer) 1.7 Fr. and length 115 cm - 5 No's
- Nitinol multi-wire (12-16 wire basket) geometry stone extractor (partial closer) 2.4 Fr. and length 115 cm - 5 No's
- Ngage nitinol stone extractor 1.7 Fr. and 115 cm. – 5 No's
- Ngage nitinol stone extractor 2.2 Fr. and 115 cm. – 5 No's

- Nitinol core guide wire with hydrophilic coating and should have ability being straight at one end and angled at other end, 0.032” and length 150 cm - 20 No’s
- Balloon ureteric dilator 5 Fr. with catheter length 65 cm, inflated balloon diameter 5 mm, balloon length 4 cm. – 2 No’s
- Balloon ureteric dilator 7 Fr. with catheter length 65 cm, inflated balloon diameter 5 mm, balloon length 4 cm. – 2 No’s
- Teflon ureteric dilator set – 2 No’s
- Compatible XENON bulbs for light source – 2 No’s

**Read:**

- Compatible ureteral access sheath with minimum inner diameter length of 35 cm. - 7 No’s
- Compatible ureteral access sheath with minimum inner diameter length of 45 cm. - 7 No’s
- Nitinol tipples stone extractor 1.5 Fr. and length 115 cm - 5 No’s
- Nitinol tipples stone extractor 2 Fr. and length 115 cm - 5 No’s
- Nitinol multi-wire (12-16 wire basket) geometry stone extractor (partial closer) 1.7 Fr. and length 115 cm - 5 No’s
- Nitinol multi-wire (12-16 wire basket) geometry stone extractor (partial closer) 2.4 Fr. and length 115 cm - 5 No’s
- Ngage nitinol stone extractor 1.7 Fr. and 115 cm. – 5 No’s
- Ngage nitinol stone extractor 2.2 Fr. and 115 cm. – 5 No’s
- Nitinol core guide wire with hydrophilic coating and should have ability being straight at one end and angled at other end, 0.032” and length 150 cm - 20 No’s
- Balloon ureteric dilator 5 Fr. with catheter length 65 cm, inflated balloon diameter 5 mm, balloon length 4 cm. – 2 No’s
- Balloon ureteric dilator 7 Fr. with catheter length 65 cm, inflated balloon diameter 5 mm, balloon length 4 cm. – 2 No’s
- Teflon ureteric dilator set – 2 No’s

**6. Page No. 3, In technical specification (Additional Points), After Toggle Button No. 9:**

**For:**

1. Full high definition 3 Chip CCD/ 3 Chips CMOS Camera head

**Read:**

1. Full high definition 3 Chip CCD/ 3 Chips CMOS Camera head with 2D HD processor unit.