



## Notice Inviting e-Tender

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**Procurement of Basic HD Videoendoscopy System with LED Light Source for the  
Department of Gastroenterology at Kolkata Medical College and Hospital**  
(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-571/2023**

**Dated-20.09.2023**

### Amendment-III

**Revised Specification of Basic HD Video endoscopy System with 300watt Xenon light source / LED Light Source with equivalent illumination of 300watt Xenon**

#### **Gastrovideoscope**

1. Built in HDTV compatible CCD/CMOS with close focus observation capacity
  2. Should have image enhancement chromoendoscopy technology i.e.NBI/BLI/FICE/I SCAN
  3. Fully immersible in disinfectant solution
  4. Auxiliary water jet for mucosal cleaning
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- i. Field of view : 140 degree or more
  - ii. Direction of view : 0 degree, forward viewing
  - iii. Depth of field : must be 3-100 mm or better
  - iv. Distal end outer diameter : 10.8 mm or less
  - v. Insertion tube outer diameter : 9.8 mm or less
  - vi. Tip bending rage : Up 210 deg, Dn 90 deg or more, Lt & Rt 100 deg or more
  - vii. Working Length : 1030 mm or more
  - viii. Channel inner diameter : 2.8 mm or more

#### **Colonovideoscope**

1. Built in HDTV compatible CCD/CMOS with close focus observation capacity
2. Should have image enhancement chromoendoscopy technology i.e.NBI/BLI/FICE/I SCAN
3. Fully immersible in disinfectant solution
4. Auxiliary water jet for mucosal cleaning

- i. Field of view : 140 degree or more
- ii. Direction of view : 0 degree, forward viewing
- iii. Depth of field : must be 3-100 mm or better
- iv. Distal end outer diameter : 12.8 mm or less
- v. Insertion tube outer diameter : 12.8 mm or less
- vi. Tip bending range : Up & Dn 180 deg, Lt & Rt 160 deg
- vii. Working Length : 1680 mm I: 1030 mm or more
- viii. Channel inner diameter : 3.7 mm or more

#### **Deodenovideoscope**

1. Built in HDTV compatible CCD/CMOS with close focus observation capacity
2. Should have image enhancement chromoendoscopy technology i.e.NBI/BLI/FICE/I SCAN
3. Fully immersible in disinfectant solution
4. Auxiliary water jet for mucosal cleaning

- i. Field of view : 100 degree or more
- ii. Direction of view : 8-15 degree
- iii. Depth of field : 5 to 60 mm or better
- iv. Distal end outer diameter : 13.6mm or less
- v. Insertion tube outer diameter : 11.6mm or less
- vi. Tip bending range : Up 120 deg, Dn & Lt 90 deg, Lt & Rt 105-160 deg
- vii. Working Length : 1235 mm or more
- viii. Channel inner diameter : 4.2 mm or more
- ix. Minimum Visible distance : 10 mm or closer from distal end

#### **Video Processor**

1. Equipped with HDTV Imaging capacity with image enhancement technology i.e.NBI/BLI/FICE/I SCAN
2. Light Source: Should have 300-watt Xenon / Long Life LED Lamp providing equivalent illumination of 300watt xenon.(Manufacturer of long-life LED must produce undertaken of its illumination equivalent to 300watt Xenon.)
3. Scope and processors should be of same series

#### **High Definition LCD Monitor**

24 inch or more full HD LCD monitor of Medical Grade

#### **Trolley**

Compact High Quality trolley

#### **Recording System**

Computer System along with printer and software should be provided along with the system.

#### **Accessories (Should be from the same manufacturer/ USFDA Approved)**

Guide Wire: 5pcs; Sphincterotome: 10 pcs; Stone Extractor Balloon – 4 Pcs; Biopsy Forceps (Disposable) for UGI and LGI – 20 pc each; Stone basket – 2 Pc

Certification: Should have BIS/CDSCO