



Notice Inviting e-Tender

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Procurement of Basic HD Videoendoscopy System with 300watt Xenon/LED Light Source with equivalent illumination of 300watt Xenon Department of Gastroenterology at Kolkata Medical College and Hospital
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-051/2025	Dated-16.01.2025
3rd call of bid reference no WBMSCL/NIT-571/2023 Dated-20.09.2023	

Amendment-II

REVISED TECHNICAL SPECIFICATION

Basic HD Video endoscopy System with 300watt Xenon / LED Light Source with equivalent illumination of 300watt Xenon

Gastrovideoscope

1. Built in HD compatible CCD/CMOS with close focus observation capacity
 2. Should have optical image enhanced endoscopy technology i.e. NBI/BLI/ OEI SCAN
 3. Fully immersible in disinfectant solution
 4. Should have auxiliary water channel 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 range : 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 **HD** compatible CCD/CMOS with close focus observation capacity
2. Should have **optical image enhanced endoscopy technology** i.e. NBI/BLI/ **OE** I SCAN
3. Fully immersible in disinfectant solution
4. **Should have auxiliary water channel 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

Duodenovideoscope

1. Built in **HD** compatible CCD/CMOS with close focus observation capacity
2. Should have image enhancement chromoendoscopy technology i.e. NBI/BLI/FICE/ I SCAN/**OE** I SCAN
3. Fully immersible in disinfectant solution

- 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 HD Imaging capacity with **optical image enhanced endoscopy technology** i.e. NBI/BLI/**OE** I SCAN
2. Light Source: Should have 300-watt Xenon / Long Life LED Lamp
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; Compatible water irrigation pump – 1 pc

Certification: Should have CDSCO Certificate

Service Centre of the brand should be available in Kolkata