



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited

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Supply and Commissioning of Medical equipment for the Department of Medical Gastroenterology at
MCH, Kolkata

(Submission of Bid through *online*)

(2nd call of bid Reference No.: WBMSCL/NIT-301/2022; Dated-11.07.2022)

Bid Reference No.: WBMSCL/NIT-423/2022	Dated-22.09.2022
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Amendment-I

Revised Technical Specification

HD Video endoscopy System

High Definition Gastrovideoscope

- Built in HDTV compatible **CCD / CMOS** with close focus observation capacity
- Should have optical enhancement technology i.e NBI/BLI/OE I scan
- Fully immersible in disinfectant solution
- Auxiliary water jet for mucosal cleaning

Field of view : 140 degree or more

Direction of view : 0 degree, forward viewing

Depth of field : must be 2-100 mm or better

Distal end outer diameter : 9.8mm or less

Insertion tube outer diameter : 9.8 mm or less

Tip Bending range : Up 210 deg, Dn 90 deg, Lt & Rt 100 deg.

Working length : 1030 mm or more

Channel inner diameter : 2.8 mm or more

High Definition Colonovideoscope

- Built in HDTV compatible **CCD / CMOS** with close focus observation capacity
- Should have optical enhancement technology i.e NBI/BLI/OE I scan
- Fully immersible in disinfectant solution
- Auxiliary water jet for mucosal cleaning

Field of view	: 140 degree or more
Direction of view	: 0 degree, forward viewing
Depth of field	: must be 2-100 mm or better
Distal end outer diameter	: 12.8 mm or less
Insertion tube outer diameter	: 12.8 mm or less
Tip Bending rage	: Up & Dn 180 deg, Lt & Rt 160 deg.
Working length	: L: 1680 mm I: 1330 mm or more
Channel inner diameter	: 3.7 mm or more

Duodenovideoscope (ERCP):

- Fully immersible in disinfectant solution
- In built scope identification memory chip
- Should have Disposable Distal Cap

Field of view	: 100 degree or more
Direction of view	: 10 degree, backward oblique viewing or more
Depth of field	: 5 to 60 mm or better
Distal end outer diameter	: 13.7 mm or less
Insertion tube outer diameter	: 11.6 mm or less
Tip Bending rage	: Up 120 deg, Dn & Lt 90 deg. Rt 105 deg.
Working length	: 1240 mm or more
Channel inner diameter	: 4.2 mm or more
Minimum Visible distance	: 10 mm or close from distal end.

Video Processor

- Equipped with HDTV imaging capacity with optical enhancement technology i.e NBI/BLI/OE I scan
- Light Source: 300 Watt Xenon / **4 or more LED**

- Digital signal output: Must have HD-SDI output
- Should have 2 types of structure enhancement
- Electronic Zoom upto 1.5X and pre freeze function for image stabilization.

All above system should be High End and the latest system.

High Definition LCD Monitor:

- 27 inch or more full HD LCD monitor or Medical Grade

Trolley:

- Compact High Quality trolley

Recording System:

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

The entire system should be European CE (4 digit notified body)/USFDA approved.