



Notice Inviting e-Tender

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**Procurement of 04 (Four) HD Video Endoscopy System units for the Dept. of SDLD of
IPGME&R-SSKM Hospital**
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-235/2025

Dated-25.03.2025

Amendment-I

Revised Technical Specification

HD Videoendoscopy System

Sl No	Technical Specification
1	High Definition Gastrovideoscope:
	Built in HDTV compatible CCO/CMOS with close focus observation capacity
	Should have optical enhancement technology i.e NBI/BLI/OE I scan
	Fully immerssible in disinfectant solution
	Auxiliary water jet tor mucosal cleaning
	Field of View: 140 Deg 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 rage: Up 210 deg, Dn 90 deg, Lt & Rt 100 deg.
	Working length: 1030 mm or more
	Channel inner diameter: 2.8 mm or more
2	High Definition Colonovideoscope
	Built in HDTV compatible CCD/CMOS with close focus observation capacity
	Should have optical enhancement technology i.e NBI/BLI/OE l-scan
	Fully immerssible in disinfectant solution
	Auxiliary water jet tor 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: 13.2mm 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
3	Duodenovideoscope (ERCP):
	Fully immerssible 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.
4	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
5	High Definition LCD Monitor: 27 inch or more full HD LCD monitor or Medical Grade
6	Trolley: Compact High Quality trolley
7	Recording System Computer System along with printer and software should be provided along with the system.
8	Valid CDSCO Certificate License for the manufacturer(s) & Registration Certificate from CDSCO for the importer(s) as applicable.
9	Warranty - 2 years