

S. No	Specification
1	UNIT and Camera head
	<p>The system should be truly Digital HDTV endoscopic video camera. The system should have the maximum Resolution of 1920 X 1080 pixels, progressive scan and the consistent use of 16: 9 formats for Input & Output to guarantee genuine HDTV.</p> <ul style="list-style-type: none"> • The system should have facility of Focus & Digital Zoom lens to enhance the quality of Image size & cross specialty usage of the camera system, regardless of the telescope used. • USB Port for Capturing FULL HD Videos/ HD Stills in External USB drive and direct interface of USB Printer to facilitate direct printouts. • System should have facility of controlling additional equipment like light source/ insufflators and recording device from the camera head. <p>The system should have the Full HD Resolution -1920 X1080</p> <ul style="list-style-type: none"> • System should have facility of controlling the recording device from the camera head. • The camera system should be able to provide 1080 P lines for HD resolution image <p><u>Technical Specifications:</u></p> <p>Image sensor: 1 XCMOS</p> <p>AGC: Microprocessor controller</p> <p>Video output: 2 x DVI-D output, 1 x 3G-SDI output,</p> <p>Weight: 130gm</p> <p>Focal length : 16mm</p> <p>Control buttons: 3 (2 of them freely programmable)</p> <p>Input: Keyboard input for character generator.</p>

	<p>Power Supply:- 100-240 VAC 50/60 Hz</p> <p>Certified to : IEC 601-1, 601-2-18, CSA 22.2 No. 601, UL 2601 and CE according to MDD,</p> <p>Protection class1/CF</p>
2	High Definition Medical Grade Monitor
	<p>The monitor should have:</p> <p>HDTV displays in original 16: 9 format. 1080 p/ 50 & 1080 p/60 displays possible. LED crystal display. Max. Resolution of 1920X1080. Screen diagonal – 27inches Should have the facility of PIP mode.</p> <p>Specifications</p> <p>HD TFT Flat Screen Monitor with stand size 27", Aspect Ratio 16:9 HD format Brightness : 900 cd/m2 Maximum viewing angle : 178° vertical Contrast ratio: 1000 : 1 Reaction Time – 8ms Rated power : 115 watts Power Supply 100-240 VAC Screen Dimensions : 643 x 396 x 87mm</p> <p>Video Inputs: 2* DVI-D , 2* 3G SDI, 1* S Video , Composite 1* RGB/VGA , 1* RS 232 , 1* RJ 45 Interface.</p> <p>Output: 1* DVI , 1* 3G SDI, 1* S-Video</p> <p>Accessories External 24VDC Power Supply, Mains Cord, Pedestal. Certified to : EN 60601-1, protection class IPX 1</p>
3	LED Light Source with Fiber optic cable
	<ul style="list-style-type: none"> • Color Temperatures 6400K • Working Hours 30,000

	<ul style="list-style-type: none">• External Light Source• Light Outlets – 1• Light Intensity Adjustment: - Continuously adjustable manually from Light source and from Camera head.• Should be supplied with Light cable, Diameter 4.8mm, Length 250cm.• Certified To :- IEC 601-1 & UL 544 CE According to MDD ,• Protection class 1/CF
	ALL the above equipment's should be from Same manufacturer.