

## 4K Ultra High Definition Laparoscopy Imaging System with ICG compatibility with related Instruments &amp; accessories

Sl no	Tendered technical specification	May be read as
2.C	The system should have facility for capturing 4K UHD, HD , FULL HD Stills and Videos in External USB drive	Deleted
2.d	System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like BLUE & GREEN light for recognition of the finest tissue structures and their differentiation.	System should have facility to offer various visualization modes for surgery and diagnosis by shifting the color spectrum like NIR/ BLUE & GREEN light for recognition of the finest tissue structures and their differentiation.
2.j	Input: Keyboard input for character generator	Deleted
2.1	System should be ready to be use with flexible video choledochoscope with chip on tip	System should be ready to be use with flexible video choledochoscope/ flexible video choledochoscope with chip on tip and necessary CCU ,Camera Head with adaptor must be included in the offer
4.a	Cold Light Fountain LED/Xenon Light Source	Cold Light Fountain LED
6 b	Flow rate of 30-40 litres per minute.	Flow rate should be more than 45 litres per minute.
	Nathanson Liver Retractor.-Set of four sizes (45, 55, 78, 95 mm), sandblasted to eliminate light reflection	Nathanson Liver Retractor.-Set of four sizes (45, 55, 78, 95 mm), sandblasted to eliminate light reflection with table attachment for holding the retractor & camera arm
	Imaging Equipments & instruments are from same manufactures /OEM to avoid compatibility issues and to get better service support through out the warranty & CMC period (Except 50 inch 4K medical Grade camera )	Imaging Equipments & instruments are from same manufactures /OEM to avoid compatibility issues and to get better service support through out the warranty & CMC

	Additional Point	<p><b><u>4K UHD IMAGE/VIDEO RECORDING AND DATA ARCHIVING SYSTEM with following specification must be quoted as optional in % of the basic quoted price , for process in future failing which bid will not be consider</u></b></p> <p>a) State of the art user friendly Medical grade system from same OEM of 4K camera system (certified to be used in OT) should be offered with following features:</p> <p>b )User should have full control of the system from the sterile field via camera head buttons, optional touch screen or optional foot switch.</p> <p>c) Still images and videos (optional with audio) in 2D or 4K UHD.</p> <p>d) Internal memory minimum 1 TB (or more)</p> <p>e) Playback of 2D and 4K UHD content</p> <p>f )must have an integrated display size of 6 "or more .</p> <p>g ) Classification: MDD, CSA.</p> <p>h) System should incorporate minimum 4 DVID/HDMI inputs and outputs</p>
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