

Technical specifications: Two dome Light (Operation Theater Light)

- 1- Ceiling mounted LED light with swivel arm, spring arm of 360 degree and light head should rotate 360 degree for easy to maneuver during the operation in any direction.
- 2- Space saving design.
- 3- Operation via touch sensitive panel(touch screen) on light body.
- 4- Compatible with laminar flow systems.
- 5- It should have a best shadow compensation with maximum overlapping beam.
- 6- The light should be useful in laparoscopic surgery with all the options.
- 7- Light should be of internationally reputed manufacturer and should be CE/USFDA and IEC 601 certified.
- 8- Installation base in India should be provided.
- 9- Illuminance- not less than 1,20,000 Lux in one dome and not less than 1,60,000 Lux in other dome .
- 10- Variable colour temperature- Range- 3800 K to 4800 K or beyond.
- 11- Light field Diameter- 22 cms – 30 cms +10% (Options Circular or Oval)
- 12- Colour rendering index- 95 or more.
- 13- Dimming range- 30-100 % or more.
- 14- LED service life- 40,000 hours or more.
- 15- Illumination depth- 110 cms or more.
- 16- 220-240 volts 50HZ AC power supply(single phase power supply in India).
- 17- Easy to position via cardanic suspension
- 18- Wall mount control panel to be provided.
- 19.It should have HD camera preparation with future attachment of camera in the centre part of light. .
20. Light head should be made of Aluminium casting for longer durability.
- 21- Accessories: Detachable sterilizable handles 4 nos. to be provided
- 22- Vendor has to support the specifications with manufacturer's brochure failing which offer may be rejected. Vendor has to demonstrate the equipment within specified time limit, if asked for; failing which offer may be rejected.
- 23- Installation(Erection & commissioning) and training to be provided by vendor .