

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- Light mixing right inside the LED engines.
- 3- Space saving design.
- 4- Operation via touch sensitive panel.
- 5- Compatible with laminar flow systems.
- 6- It should have a best shadow compensation with maximum overlapping beam.
- 7- The light should be useful in laproscopic surgery with all the options.
- 8- Light should be of internationally reputed manufacturer.
- 9- Installation base in India should be given.
- 10- Illuminance- not less than 1,20,000 Lux .
- 11- Variable colour temperature- 3600 K to 4800 K.
- 12- Light field Diameter- 25 cms – 30 cms.
- 13- Colour rendering index- 95 or more.
- 14- Dimming range- 30-100 %
- 15- LED service life- 40,000 hours or more.
- 16- Illumination depth- 90 To 150 cm.
- 17- 220-240 volts 50HZ AC power supply.
- 18- Easy to position via cardanic suspension
- 19- Must have built in provision for camera in one of the domes.
- 20- All values according to ISO-IEC-POCOSA agreement and FDA/UL certified.
- 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 at Hyderabad, within specified time limit, if asked for; failing which offer will be rejected.
- 23- Installation(Erection & commissioning) and training to be provided by vendor .