

Tender No.65.11.8066

Technical specification of Operation Theatre light (Ceiling shadow less operation Theatre double dome light) for Sub.Division Railway Hospital,New Katni Junction.

| Major parameter-No deviation (Tolerance) accepted | |
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| 1. O.T.light should be CE marked & as per International standards (EN60601-2-41). | |
| 2. O.T.light must not change the Original color of tissues & blood of operative field. | |
| 3. The light must have automatic preventive maintenance system. | |
| 4. Ceiling shadow less Operation Theatre double dome light -One major & one satellite light heads Of International standard size with synchronized focus adjustment. Major dome must have seven halogen Lamps & Satellite dome must have five halogen lamps. Light weight aluminum made domes preferred. | |
| 5.Maximum illumination intensity at one meter distance | 1, 10,000 Lux in main light dome & 1, 00,000 Lux in satellite light dome. |
| 6.Illuminated diameter (view field) | Main light-25cm to 30 cm Satellite light -22cms. |
| 7.Colour temperature | 4200 K for both domes light. |
| 8.Colour Rendering index | 95 for both dome light. |
| 9. Low heat emission at maximum intensity. | 390 W/m ² |
| 10.Illumination intensity | 3.5 mw/m ² |
| 11.The constant depth of illumination | Should be minimum 110cm for both light heads. |
| 12. The physiologic eye "Asymetric" light intensity adjustment. | 55-110 Klx. |
| 13.Control adjustment | Both dome- Sterilisable central handle, including light field size adjustment. One pair (two Sterilisable central handle) with each dome required. |
| 14.Control panel | To control the intensity of light adjustment with extra fuses(4) & 06 extra Halogen lamps 50 watt each required. |
| 15.Power supply | 220 volts 50-60 HZ. |
| Terms and condition | Installation at Operation theatre Rly.hospital New Katni Junction.(MP). Any fault must be repaired within 24 hours by company |
| Warranty period | 24 months from the date of commissioning or 30 months from the date of supply. (Maximum two weeks will be allowed for attending and rectification of faults during the warranty period. A penalty of 0.5% per week of the contract value will be levied for delay in response time for attending and rectification of faults beyond specified time & maximum penalty to be levied on account of warranty failure will be 5% of contact value calculated during whole warrantee period and after that if there is any delay on the part of supplier, purchaser shall be entitled for encashment of WG bonds.) |
| Annual maintenance contract | Tenderer are required to quote separately for post warrantee AMC for a period of five years after expiry of the warranty period of the M&P along with their offers. The AMC charge would be added to the FOR destination price quoted for M&P for the purpose of comparative evaluations of offer.AMC charges will be include all costs of personnel, spares etc except the cost of consumables required for day-to-day operation. For the purpose of calculating the total cost of offer, the basic cost + taxes etc of the offer and comprehensive AMC cost up to the period of 5 years will be added up & considered for inter-se ranking of the offer. For the maximum down time & respons time and for penalties to adhere to the same, the detail is given in warranty terms |

Dr.K.K.Damade.
ACMS/Anesth/Kota
Nodal Officer.