



Running Contract Details	
Equipment Name	OT Light - LED with camera
Running Contract Valid Till	02-06-2024
Tender Ref No	KMSCL/EP/T421/306B/2021
Tendered Quantity	25
Supplier Name	M/s Kerala Surgical Equipment Co
GST No	32AACFK7295D1ZG
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
No.41/1737 A MES Centre Near Town Hall Banerji Road Cochin -18	Contact Person	Mr. Abbas
	Phone	
	Mobile No	9539012460
	Email	info@keralasurgicals.com

Item-wise Price Details							
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total			
1	306 B & OT Light LED Dual Dome with camera attachment in dome (includes all accessories except the following) <i>Model & Make : SPECTRA LUMEO</i>	492800 <small>Incl.GST :12%</small>	36344	529144			
2	Detachable HD camera	333760 <small>Incl.GST :12%</small>	24614.8	358374.8			
3	HD TV 32 inches	61600 <small>Incl.GST :12%</small>	4543	66143			
4	Third arm with monitor attachment	188160 <small>Incl.GST :12%</small>	13876.8	202036.8			
5	Third arm with camera	188160 <small>Incl.GST :12%</small>	13876.8	202036.8			
		1264480	93255.4	1357735.4			
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
306 B & OT Light LED Dual Dome with camera attachment in dome (includes all accessories except the following)							
Labour	13,200.00	13,200.00	13,200.00	13,200.00	13,200.00	13,200.00	13,200.00
Comprehensive	30,800.00	30,800.00	30,800.00	30,800.00	30,800.00	30,800.00	30,800.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 3.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :306 B & OT Light LED Dual Dome with camera attachment in dome (includes all accessories except the following)

Equipment Name: OT light LED with Camera

1. Should be a Surgical Light unit incorporating the latest LED technology shadowless operating light field with the following specifications.
2. Should have high performance LEDs with life time more than 40,000 hours.
3. Should be a dual dome and the main light and satellite should have the following specifications
 - a. LUX intensity 1,60,000 Lux & Satellite 1,60,000 Lux or above, uniformly throughout the surgery.
 - b. Light Field diameter should be adjustable and range from 18-30cm or better
 - c. Colour temperature should be variable between 3600 to 5000 degree K (Tolerance+200k)
 - d. Colour rendering index should not be less than 95
 - e. Depth of illumination should not be less than 100 cm.
 - f. Illumination adjustment 30% to 100%
 - g. The light dome shall be compatible for laminar air flow. Certifications shall be attached with the technical bid.
4. Should have stable illumination throughout the life period of the light. If the intensity reduces during the warranty or CMC period the LEDs has to be replaced at free of cost if required.
5. The LED's must be suitable for long term maintenance and ease of replacement.
6. Temperature rise at the surgeon head level should be less than 2 degree C.

- 7.Should have control panel for light focusing adjustment fixed on the dome or arms or touch screen.
- 8.Should supply autoclavable handles 6 Nos for each dome.
- 9.The intensity of light should be uniform during the surgery.
- 10.Minimum spring arm stroke of 500mm and minimum action radius of the complete arm shall be 1500mm or more.
- 11.One of the dome should have detachable camera with the following specification;

High definition 1080 lines resolution camera with optical zoom and focus adjustment. The camera control functions shall be either with remote control / wall control panel / dome / arm. The output of the camera shall be taken out and connected to the monitor / TV provided by the user institution (Maximum distance: 100meters). The rate of camera shall be quoted separately which will be taken for evaluation.

12.The rate for third arm with monitor attachment and rate for third arm with camera, if available shall be provided. Cost will not be taken for evaluation.

13.Cost of 32inches HD LED TV shall be quoted separately and will be taken for evaluation.

14.Unit should function with 200-240Vac, 50/60 Hz input power supply.

15.Should have safety certificate from a competent authority CE issued by a notified body registered in European Commission / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid

16.All arms and light head should have 360 degree movement. The dome shall be mounted on cardanic arms.

17.Should have 48 LED in each dome.