

CH. PERVAIZ ELAHI INSTITUTE OF CARDIOLOGY, MULTAN

TECHNICAL COMPARATIVE STATEMENT FOR THE YEAR 2015.16

NAME OF EQUIPMENT: OPERATING LIGHT WITH LED CEILING MOUNTED (Part-A)

	PRE-REQUISITES	M/S Allmed Solution	M/S Eastern Medical Technologies	M/S Radiant Medical	Sahar International
1	Model	marLED E9j	Qe 6030DSC	Trulight 5510/5500	LED 5SC+5SC
2	Make	Gebruder Martin	Brandon	Trumph	Dr. Mach
3	Country of Origin: USA / Europe / Japan	Germany	UK	Germany	Germany
4	Authorization	31.12.2015	31.12.2019	31.12.2016	01.12.2017
5	Certification: (FDA / CE / JIS)	CE	CE	CE	CE
6	Warranty: 5 Years Comprehensive with parts & spare including backup services	5 Years	5 Years	5 Years	5 Years
7	Operating Lamp, shadow less for spring balanced ceiling suspension	Ceiling suspension	Ceiling suspension	Ceiling suspension	Ceiling suspension
8	Consisting of a main lamp	Mian lamp	Mian lamp	Mian lamp	Mian lamp
9	Head hermetically sealed	hermetically sealed	hermetically sealed	hermetically sealed	hermetically sealed
10	Dust proof supported by a ceiling arm.	Dust proof	Dust proof	Dust proof	Dust proof
11	Light intensity of main single dome light 160,000 Lux at 1 meter distance.	160,000 lux	160,000 lux	160,000 lux	160,000 lux
12	Light intensity of single dome satellite 160,000 Lux at 1 meter distance.	160,000 lux	160,000 lux	100,000 lux	160,000 lux
13	Color rendering index 95 at least.	CRI 95	CRI 95	CRI 96	CRI 95
14	Color Temperature 3500-5000 Kelvin.	3600 Kelvin	3100 to 5000 Kelvin	3500 to 5000 Kelvin	4500 Kelvin
15	Focusable field size 170-400mm.	170 to 220mm	200 to 420mm	160 to 300mm	200 to 320mm
16	LED Lights with 50,000hr or more life.	40,000 hours	60,000 hours	>40,000 hours	>50,000 hours
17	Light intensity/ brightness controller for individual copula.	Adjustable light	Adjustable light	Adjustable light	Adjustable light
18	Complete with power supply 220VAC/50Hz.	220/50 Hz	220/50 Hz	220/50 Hz	220/50 Hz
19	Emergency Power Supply Unit from same manufacture.	G. Martin	Brandon	Trumph	External
20	Backup time 1hr or more.	8 Hours	1 hour	1 Hours	1 Hours
21	Automatic change over in case of main supply failure.	Automatic	Automatic	Automatic	Automatic
22	With two Sterilizable handles.	2x sterilizable	2x sterilizable	2x sterilizable	2x sterilizable









PRE-REQUISITES		M/S Allmed Solution	M/S Eastern Medical Technologies	M/S Radiant Medical	Sahar International
23	Medical Grade Full HD camera within light head	2MP	2 MP, HD600	2MP, Truvidia HD2000	2MP, HD Camera
24	Medical Grade LCD/LED monitor at least 19" or more on third arm	Yes Offered	Yes Offered	Yes Offered	Not HD 21"
25	Digital zoom 12x and auto focus.	12x Digital zoom	12x Digital zoom	12x Digital zoom	12x Digital zoom
26	HD-SDI video output.	HD-SDI	HD-SDI	HD-SDI	HD-SDI
REMARKS		Technically Accepted	Technically Accepted	Technically Accepted	Technically Accepted

Haider
 Dr. Haider Zaman
 Prof. of Cardiac Surgery
 CPEIC, Multan
 (Chairman)

Rana
 Dr. Rana Altaf
 Prof. of Anesthesia
 CPEIC, Multan
 (End-User)

Tariq
 Dr. Tariq Abbas
 Associate, Prof. of Cardiology
 CPEIC, Multan
 (Member)

Sohail
 Dr. Sohail Ahmad
 Assist. Prof. Anaesthesia
 CPEIC, Multan
 (Member)

Fahad
 Dr. Fahad Khan
 Director Technical
 CPEIC, Multan
 (Member)

Moeen
 Dr. Muhammad Moeen
 Sr. Cardiac Surgery
 CPEIC, Multan
 (Member)

Sohail
 Dr. Sohail Saleemi
 Sr. Registrar Cardiology
 CPEIC, Multan
 (Member)

Hashmi
 Dr. Fayyaz Hashmi
 Sr. Medical Officer
 CPEIC, Multan
 (Member)

Kaleem
 Engr. Muhammad Kaleem
 Biomedical Engineer
 CPEIC, Multan
 (Member)

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