



Running Contract Details	
Equipment Name	Cardiac OCT with FFR
Running Contract Valid Till	06-06-2021
Tender Ref No	KMSCL/EP/T324/1393/2019(R)
Tendered Quantity	15
Supplier Name	M/s KALARICKAL AGENCIES PVT LTD
GST No	32AAACK9965DIZJ
Model & Make	Optis Mobile / St.Jude Medical
Unit rate (Rs)	1,00,00,000.00
CGST 6.00%	6,00,000.00
SGST 6.00%	6,00,000.00
IGST 0.00%	0.00
Total Cost(Exl.KMSCL S.C) Rs.	1,12,00,000.00
Flood Cess (1%) Rs.	1,00,000.00
Service Charges 7% + GST 18%	8,26,000.00 (Applicable for purchase through KMSCL only)
Total Cost(Incl. KMSCL S.C) Rs.	1,21,26,000.00
Installation & Delivery Period	10 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
POST BOX NO 70 KALARICKAL BAZAAR KOTTAYAM 686001	Contact Person	GEORGE KURIAN
	Phone	4812562809
	Mobile No	9745066616
	Email	GEORGEKALARICKAL@GMAIL.COM

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Cardiac OCT with FFR</b>	11300000	826000	12126000
2	<b>Cardiac Catheter</b>	84750	6195	90945
3	<b>Pressure Wire</b>	40357.14	2950	43307.14

Item-wise Price Details			
	11425107.14	835145	12260252.14

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>Cardiac OCT with FFR</b>							
Labour	4,72,000.00	6,49,000.00	7,14,000.00	7,85,000.00	8,64,000.00	9,50,000.00	10,45,000.00
Comprehensive	11,80,000.00	12,98,000.00	14,28,000.00	15,71,000.00	17,28,000.00	19,00,000.00	20,90,000.00

### **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 5% 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 :Cardiac OCT with FFR**

1. The system should have an imaging engine that is based on the fiber optic technology.
2. The system should have wireless FFR measurement capabilities.
3. It should utilize catheter that emit near infra red light to produce high resolution real time images.
4. Should have two monitors plus remote video output for multiple sightlines.
5. The system should have an integrated drive-motor and Optical Controller (DOC).
6. Should have an isolation transformer.
7. Should have a computer, a keyboard, and a mouse.
8. CPU with high end DAS card for faster 3-D data acquisition speed
9. 22\*CD/DVD RW dual player DVD RAM drive for faster image management.
10. DICOM compatibility
11. Should be supplied with 2 numbers of OCT Catheter and 2 number of pressure wire at free of cost along with machine.
12. The rate of one OCT Catheter and one pressure wire should be offered in the BOQ and the same will be considered for L1

calculation. The price for the same shall be fixed for 3 years from the date of price bid opening.

II. The system should allow the user to :

1. Acquire, save and subsequently retrieve images for review. Real-time 3D image Re-construction of lumen and vessel
2. Immediate and accurate lumen boundary detection and Lumen Profile Display
3. Stent planning workflow with automated minimum lumen area and percent stenosis measurements
4. Automatic lumen detection on every frame
5. Profile of mean diameter or lumen area across pullback
6. Automatic marking of MLA frame
7. User-defined proximal and distal reference frames
8. Automated display of reference frame area and diameters, distance between references, %AS and %DS
9. Automated measurements mode for calculations for stent sizing
10. Seamless integration of FFR and OCT with guided workflows for exceptional ease-of-use
11. Should allow user for easy orientation on Angiography
12. Allow to acquire and review images in L-Mode (lateral view).
13. Overlay color maps to optimize contrast resolution.
14. Enlarge a defined area of interest (zoom).
15. Make measurement and calculations of % Diameter stenosis
16. Add text annotations.
17. Play back and edit images with a full range of playback and editing capabilities.
18. Export still images and movies in raw OCT format or in standard AVI, TIFF, JPEG,BMP, or DICOM formats.
19. Import OCT format images and review and edit them with full OCT review and edit capability.
20. Perform basic file management functions.

III. The imaging Parameters of the system should be:

1. Maximum frame rate: Up to 180 fps
2. Longer pullback of up to 75 mm and up to 540 frames
3. Faster pullback speed up to 36 mm/sec

4. Allows user to do high resolution imaging for online real time 3-D re-construction
5. # of lines per frame: 500
6. Scan diameter: 10 mm
7. Axial Resolution: 15 microns