



Running Contract Details	
Equipment Name	OCT with facility to do Angiography (Non Interventional)
Running Contract Valid Till	29-11-2020
Tender Ref No	KMSCL/EP/T283/1244/2018
Tendered Quantity	11
Supplier Name	M/s Mehra Eyetech Pvt Ltd
GST No	34AAACU2684H1ZB
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.29 3rd Avenue Bank Road Cochin-68201	Contact Person	Gokula Krishnan
	Phone	
	Mobile No	9946103201,9445021591
	Email	kochi@mehraeyetech.in ,gokul@mehraeyetech.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>OCT with facility to do Angiography (Non Interventional)</b> <i>Model &amp; Make : Topcon Octtriton Plus / Topcon</i>	5734080.8 Incl.GST :12%	422888.46	6156969.26
		<b>5734080.8</b>	<b>422888.46</b>	<b>6156969.26</b>

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>OCT with facility to do Angiography (Non Interventional)</b>							
Labour	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00	45,000.00
Comprehensive	1,10,000.00	1,10,000.00	1,10,000.00	1,10,000.00	1,10,000.00	1,10,000.00	1,10,000.00

**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 :OCT with facility to do Angiography (Non Interventional)**

1. Should be spectral domain/swept source optical coherence tomography with dye free OCT angiogram facility.
2. Should have High definition OCT scans provide precise detail of retinal tissue and pathology.
3. Should have multiple analyses with a single scan.
4. Scan patterns for retina should be 512 A Scan x 128 B Scan, 200 A scan x200 B Scan or better
5. Scan Patternfor optic disc should be 200 A scan x 200 B Scan
6. Scans for dye free angiography should be 3 x 3 mm ,6 x 6 mm and 9 x 9 mm Scan
7. High Definition scans: Length- 3/6/9 mm, 360 degree rotatable, minimum spacing between the lines 0.025 mm.
  - a. 5 line high definition scan
  - b. High definition cross hair scan
  - c. High definition 1 line scans with 100 frames averaging.
  - d. High definition radial scan
8. Scan pattern for anterior segment should be
  - a. High definition cornea scan
  - b. Pachymetry map
  - c. Anterior chamber view scan
  - d. 15 mm wide angle to angle scan.
9. Retina analysis should have
  - a. Macular thickness analysis OS/OD/OU
  - b. Macular change analysis
  - c. Detailed analysis for RPE Layer
  - d. 3D Analysis
  - e. Single eye summary with macular thickness and RNFL details for optic disc
  - f. Montaging of macular scan and optic scan along with ganglion cell analysis

10. Optic disc analysis should have RNFL OU analysis, progression analysis, 3D analysis.
11. Anterior segment analysis should have High definition cornea analysis, anterior chamber measurement, angle measurements and gonioscopy measurements.
12. Dye free angiography analysis should have preset MAPS for superficial, Deep and avascular maps and their combination to generate Retina depth encoded map with layer displayed in different colors. Also there should be provision to interpret the scans according to user's preference of desired microns level, should have angiography change analysis compared to prior visits, measurement for vessel density and foveal avascular zones should be available.
13. Should have retina registration and tracking to avoid motion artifacts and re scanning.
14. Should have motorized chin rest and alignment of patient image registration for precise rescanning during revisit.
15. Types of scans :
  - a. Macular scan
  - b. Optic disc Scan
  - c. High definition scan
16. Scan speed should be 26000/second or more
17. Should have normative database for macular thickness and RNFL, Multi ethnicity
18. Should have 512 A Scans x 128 B Scans and 200 A scans x 200 B Scans or better.
19. Axial resolution should have 5 $\mu$ m (in tissue) or better.
20. A scan depth should have 2.0 mm (in tissue) 1000 data points or better.
21. Transverse resolution 25 $\mu$ m (in tissue) 1000 data points or better.
22. Should have scanning laser ophthalmoscope/ Non mydriatic based fundus imaging.
23. Should have 36 degree x 30 degrees or more field of view.
24. Optical source should be super luminescent diode (SLD)/Swept source, 830 nm or better
25. Focus adjustment range should be -20D to + 20D or more.
26. Should have internal and external fixation.
27. Minimum pupil size requirement is 3mm or better
28. Should have integrated color flat panel display of 19 inch or better
29. Should have integrated PC/external
  - a. OS Windows 7
  - b. I7 intel processor
  - c. 16 GB memory
  - d. HDD 2TB
30. Internal storage should have 80,000 scans or better
31. Motorized table and printer should be supplied with equipment
32. Lenses for anterior segment which can be easily fitted to the main objective lens.

33. Should supply online UPS of sufficient capacity with 30 minutes backup to connect all the equipments supplied

34. 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.