



Running Contract Details	
Equipment Name	Thermal Cyclor
Running Contract Valid Till	19-05-2021
Tender Ref No	KMSCL/EP/T311/1277/2019(R)
Tendered Quantity	15
Supplier Name	M/s Biotron Healthcare India Pvt Ltd
GST No	27AABCB1398N1ZA
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	
301/ 302 Coral Classic 20th Road Chembur East Mumbai - 400 071	Contact Person	Shrikanth Hangal
	Phone	91 22 61406400
	Mobile No	9820323226
	Email	shrikanth@biotronhealthcare.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Thermal Cyclor <i>Model & Make : Qcyclor 96 / Hain lifescience UK Ltd, now Bruker</i>	588360.98 Incl.GST :18%	41185.27	629546.25
		588360.98	41185.27	629546.25

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
Thermal Cyclor							
Labour	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
Comprehensiv e	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00

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 : Thermal Cycler

1. Should have a sample capacity of 96x0.2 ml tubes, 0.2 ml tube strips or 1x96-well plate with Peltier heating and cooling.
 2. Should have true gradient capability within build algorithm for gradient / equivalent.
 3. Should have the feature of identical hold times for all the rows of a gradient
 4. Should have a temperature differential range of 1- 10degC or better.
 5. Should have screen/ display interface in high resolution and touch screen/key pad for easy programming.
 6. Should be capable of running reaction volumes from 1-100µl.
 7. Should have a maximum ramp rate of 3-5 degC /second with an average ramp rate of ~4degC.
 8. Should have a temperature range of 4-100degC.
 9. Should have a gradient range of 30-100degC.
 10. Should have a temperature accuracy and uniformity of ±0.5degC.
 11. Should have a memory of >500 programs with further expansion through a USB flash drive for transfer of files.
 12. Should have block and calculated temperature control modes.
 13. The software should have exportable Run logs and system error logs.
 14. Should have quick boot up time of not more than 1 minute.
 15. Should be quiet in operation.
 16. System have built in library of standard protocols for long PCR, fast PCR, reserve transcription PCR etc.
 17. Should have the feature of instant incubation to keep samples at constant temp. for ligation and restriction digests.
 18. Should have power save mode.
 19. Accessory consumables to be provided.
- a) 3 number of colour changing cooler rack purple/pink or similar indication for 96x0.2ml PCR tubes, PCR strip tubes or 96 well PCR plates. The racks should keep samples cool for over 3 hours and eliminate the need for an ice bucket.

- b) 2000 number of PCR tubes (0.2ml)
 - c) 1000 number of PCR tube strips (0.2 ml, 8 tube strip) with caps.
 - d) 1000 number of PCR plates (96 well, clear tubes, suitable for the machine) with equal number of plate seals and 1 number of sealing roller to firmly seal PCR plate sealers.
 - e) 50 number of 96 well PCR preparation Racks-suitable for PCR preparation and storage for variety of 0.2 mL tubes and strip caps before and after sample processing application. Should be formatted in the standard 8 x 12 microtiter format and preferably identified "A" through "H" vertically, and 1 through 12 horizontally, providing convenient and error free tube identification.
 - f) Should have transparent plastic cover allowing safe storage of multi racks which can maximize bench top space.
 - g) Should supply 10 numbers of amplification workstation (tray, tube and holder) compatible with V-bottom 0.2 mL tube block thermal cycler formats of major manufacturers, Alphanumerically marked for sample identification and stackable space saving units during storage.
20. Should supply with a branded and compatible 1.5 KVA UPS.
21. All the necessary items to make the equipment functional to be supplied.
22. 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.