



Running Contract Details	
Equipment Name	Blood Bank Refrigerator (600 litre)
Running Contract Valid Till	09-03-2024
Tender Ref No	KMSCL/EP/T416/1054/2021
Tendered Quantity	50
Supplier Name	M/s Kochin Inlab Equipments India Pvt Ltd
GST No	32AADCK3263F1ZX
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	
Door #28/2391-D Vihaan - Chilavannur Kadavanthra P.O Kochi-682020.	Contact Person	Manoj
	Phone	
	Mobile No	9447790938
	Email	manoj.inlab@gmail.com

Item-wise Price Details							
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total			
1	Blood Bank Refrigerator (600 litre) <i>Model & Make : BR 360/TERUMO PENPOL</i>	310000.16 Incl.GST :18%	21700.01	331700.17			
		310000.16	21700.01	331700.17			
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
Blood Bank Refrigerator (600 litre)							
Labour	9,300.00	9,300.00	9,300.00	9,300.00	9,300.00	9,300.00	9,300.00
Comprehensive	15,500.00	15,500.00	16,275.00	16,275.00	16,275.00	17,100.00	17,100.00

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 5.00% 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 :Blood Bank Refrigerator (600 litre)

1. Should have a chamber temperature range of 2°C to 6°C
2. Should comply IEC safety/EMI/EMC standards, ISO 9001, ISO 13485 certified and CE marked with class II a.
3. Should have an effective storage volume of 600L(± 20 liters) with a total storage capacity of 300 numbers of 450ml blood bags
4. Should have built in microcontroller based temperature recorder and controller unit (TRCU) positioned at eye level for better visibility and monitoring.
5. Should have six inch, 7day, ink less pressure sensitive circular chart recorder and accuracy should be+/- 1 degree Celsius
6. Should have three pane glass door which insulates the refrigerator from atmospheric temperature and better visibility of blood bags with key lock.
7. Should have an internal evaporator fan for uniform temperature maintenance inside the chamber. It should switch off automatically whenever the door is opened
8. Should have mesh type sliding stainless steel tray which allows bags to be placed upright with sufficient airspace to reduce “Sardine effect”
9. Should have 5 stainless steel slide out trays with a capacity of 60 to 70 nos of 450 ml blood bags per tray
10. Should have separate/ fixed inner acrylic door with magnetic latch ensures minimal loss of cooling
11. Should have hotline around the mouth of cabinet to prevent moisture condensation
12. Should have internal stabilizer which ensures steady supply voltage for the whole blood storage cabinet and prevents voltage fluctuations
13. Should have a factory calibrated encapsulated digital sensor dipped in liquid medium to measure temperature at an accuracy of ±0.5°C
14. Should have flicker free LED lamp for uniform lighting and better visibility of samples inside the cabinet
15. Should include caster wheels as a standard feature
16. Should have refrigeration system “On” indicator provided as a standard feature.
17. Should have audible and visual high and low temperature alarms as a standard feature.
18. Should have an alarm silence button
19. Should have a power fail alarm as a standard feature
20. Should incorporate a inbuilt battery backup of 2 hours to ensure continuous operation of the TRCU (Temperature Recording Contol Unit) during power failure
21. Should have display of 4*7 segment LED with 0.5°C display resolution
22. Should utilize non CFC, commercially available refrigerant
23. Should keep the refrigerator free of frost without elevating the chamber temperature
24. Should have a cabinet with a clear powder coated finish to guard against rust and corrosion
25. There must be eye level indications of power/line in from inbuilt stabilizer
26. Chart change and chart set options in TRCU must be available
27. Must have MCB protection in the input power line