



Running Contract Details	
Equipment Name	Automated Blood Culture System Model B
Running Contract Valid Till	24-08-2024
Tender Ref No	KMSCL/EP/T446(R)/998B/2022
Tendered Quantity	10
Supplier Name	M/s Laboratory Equipment & Stores
GST No	32AABFL6606J1ZI
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	
M G Road North End Near Seematti Ernakulam - 682 035.	Contact Person	Mr. Soney Mathew
	Phone	
	Mobile No	9846066199
	Email	info@labestore.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>Automated Blood Culture System Model B</b> <i>Model &amp; Make : BD Bactec FX 120/ BD India Pvt. Ltd</i>	1533764 Incl.GST :18%	107363.48	1641127.48
2	<b>Rate of one Aerobic Blood Culture Bottle(Adult)</b>	277.3 Incl.GST :18%	19.41	296.71
3	<b>Rate of one anaerobic Blood Culture Bottle(Adult)</b>	277.3 Incl.GST :18%	19.41	296.71
4	<b>Rate of one Blood Culture Bottle(Pediatric)</b>	277.3 Incl.GST :18%	19.41	296.71
5	<b>Rate of one Aerobic Platelet Culture QC bottle</b>	277.3 Incl.GST :18%	19.41	296.71
6	<b>Rate of one Anaerobic Platelet Culture QC bottle</b>	277.3 Incl.GST :18%	19.41	296.71
		<b>1535150.5</b>	<b>107460.54</b>	<b>1642611.04</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>Automated Blood Culture System Model B</b>							
Labour	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
Comprehensive	1,60,000.00	1,60,000.00	1,60,000.00	1,60,000.00	1,60,000.00	1,60,000.00	1,60,000.00

### **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 5.00% 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 :Automated Blood Culture System Model B**

1. The system should be a fully automated, walk away system capable of culture and detection of bacteria, fungi and mycobacteria from blood and sterile body fluids and myco bacteria.
2. The system should be able to perform the quality control testing of whole blood, whole blood derived and apheresis platelet concentrates ( leucoreduced and non leucoreduced), packed red cells ,FFP and Cryoprecipitate.
3. Should have FDA clearance or other equivalent quality certification for culture.
4. System should have capacity to load more than 100 samples at a time. The capacity should be upgradable.
5. Culture media should be available for detecting bacteria and fungi, including fastidious organisms.
6. The system should continuously monitor the samples for growth and report it as and when it occurs.
7. The culture media provided should have sufficient mechanism to neutralize the inhibitory effect of antibiotics and other substances in blood.
8. Dedicated culture media bottles for aerobic (both fungi and bacteria), and anaerobic microorganisms (bacteria) should be available.
9. The culture bottles should have high stability and (4-6) month's shelf life.
10. The culture bottles should be unbreakable in normal conditions.
11. The culture system should be suitable for processing blood and sterile body fluids.
12. System should be capable of processing both adult and the paediatric samples.
13. The system should use leak proof and on non – invasive system to avoid contamination of equipment and environment.
14. System should analyze each sample separately as per ID, time of entry, incubation period, growth etc., system with ability to take patient ID by barcode preferred.
15. System should have LIS compatibility, inbuilt calibration check and quality control.
16. System should have high sensitivity & specificity with continuous monitoring of all samples. Continuous agitation system to allow better organism growth.
17. System should be capable of exporting data to the data management system for longterm storage.
18. Should have minimum 3 days standalone data storage capability in case of system malfunction.
19. Should include data management system and software to analyze and store the data.
20. Should have all accessories required for the functioning of the equipment.
21. List of additional subject to be purchased including the culture bottles, controls, etc., if any, should be mentioned along with their

approximate cost.

22. The system should be maintenance free without any need for regular calibrations, controls or standards run by the user.
23. Service providers should supply culture bottles, and other necessary items for quality control testing of whole blood, whole blood derived and apheresis platelet concentrates (leucoreduced and non leucoreduced ),packed red cells, FFP and Cryoprecipitate specimens on demand without delay.
24. There should be provision for demonstration of the equipment and training of staff for specimen collection and processing.
  
25. The system should have all the facilities for data management and storage and quality control.
26. The system should be supplied in a complete with all accessories, hardware like computer, printer etc. and required software.
27. Any software or database updates should be done free of cost by the firm, during the life of equipment, as and when it is released by the manufacturer.
28. Required training, technical literature and support should be provided by the firm.
29. System should be supplied with appropriate UPS and other accessories.