

Running Contract Details	
Equipment Name	Hematology Analyser 3 Part-Type B
Running Contract Valid Till	13-03-2026
Tender Ref No	KMSCL/EP/T420/55C/2021
Tendered Quantity	15
Supplier Name	M/s LabX
GST No	32BPSPS6759C1ZE
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	
Opp. SFS Tiara Apartments Near Burma Road Jn. Kumarapuram Medical College P.O Thiruvananthapuram	Contact Person	Mr. Arun
	Phone	471 2447639
	Mobile No	9446004066 ,9446002066
	Email	info@labx.in ,sales@labx.in

Item-wise Price Details							
#	Item Details			Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total	
1	Hematology Analyser 3 Part-Type B <i>Model & Make : Medonic M32M/Boule Medical</i>			325680 Incl.GST :18%	22797.6	348477.6	
2	Cost of Diluent (pack size 20,000 ml) Rate freezed for 5 years			5342.4 Incl.GST :12%	394	5736.4	
3	Cost of Lyse(pack size 5000 ml) Rate freezed for 5 years			6417.6 Incl.GST :12%	473.3	6890.9	
4	Rate of EDTA coated micro capillary tube(100 Nos)			1121 Incl.GST :18%	78.47	1199.47	
5	Cost of Calibrator Rate freezed for 5 years			10536.22 Incl.GST :18%	737.54	11273.76	
				349097.22	24480.91	373578.13	
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

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Hematology Analyser 3 Part-Type B							
Labour	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00	12,500.00
Comprehensive	68,000.00	68,000.00	68,000.00	68,000.00	68,000.00	68,000.00	68,000.00

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 :Hematology Analyser 3 Part-Type B

1. Should be fully automated 3 part hematology Analyzer providing RBC, MCV, HCT, RDW%, HGB, PLT, MPV, PCT, PDW, LPCR%, WBC, LYM, Gran and MID cells.
2. For donor screening the system should have direct sampling technology with EDTA coated micro capillary from finger pick samples.
3. Histogram of WBC should have lymphocytes, Mid cells and Granulocytes and each population should be segregated in different colour pattern/ different colour demarcation boundary.
4. The system should be capable to measure RBC concentrated with linearity above 65 lakhs per microliter and PLT rich plasma with linearity above 50 lakhs per microliter.
5. Instrument should flag if RBC count exceeds $0.3 \times 10^{12}/L$ in platelet concentrate bag.
6. System should be capable of processing samples above 50 samples/ hour & result storage memory capacity more than 50000 results.
7. The system should be based on maintenance free Sample Rotary Valve (SRV) / stepper motor controlled syringes for precise sampling for dilution.
8. The system should have automated floating discriminator of RBC/ PLT to prevent false elevation in PLT during presence of microcytotic RBC.
9. All reagents required should be available locally from the company or from authorized distributor. The distributors should provide the authorization certificate from manufacturing company.
10. System should be user friendly with colour touch screen and should have option for external printer as well as data inter-facing facility.
11. Instruments should have QC programme with L-J plot.
12. Wastage of reagents should be minimum during the Start Up and shut down process and should have user programmable Active Mode timing up to minimum 4 hrs.
13. Slide-maker should be provided along with equipment.
14. Start up time is less than 5 minutes.
15. Should provide reagents, cleaners, rinsers, lysers and consumables (which ever applicable) required to perform 2000 tests shall be supplied free of cost along with each machine

16. The cost of 1000 CBC test (Complete Blood Count) should be quoted by the bidder. Cost of test should include the cost of all reagents/ solutions required by the offered model to perform 1000 tests including 30 start up, 30 shut down, 120 active to stand by, 120 standby to active, 30 probe cleaning, 30 EZ cleaning and one calibration, if recommended. (Rate offered must be inclusive of GST) For L1 calculation the total cost of 36000 tests will be taken and the calculation will automatically done by the BOQ.
17. Should have patient report storing facility.
18. 3 level QC should be demonstrated to the technical committee during the technical demonstration of the offered equipment. all 3 levels of QC should be run in specified time and in sequence. 3rd party QC – from Biorad which has a running QC program, should be used. Should be run in QC mode .The sequence of QC run (all 3 levels) will be intimated during demo. The CV of RBC,WBC, HB and PLT should be less than or equal to 5% and Low PLT QC should be less than or equal to 10%
19. The available pack size and amount /pack (in ml) of these reagents available for each bidder shall be quoted. This rate shall be fixed for 5 years. The available pack sizes should mentioned in the offer form. The bidder shall also provide the reagent/ chemical consumption of the offered model in the offer form. The consumption specified and the rate offered should tally.
20. The rate of manufacturer prescribed calibrator with traceability shall be quoted separately which will not be taken for evaluation
21. Should supply online UPS of suitable capacity with at least 30 minutes backup along with each unit.
22. Should work with input 200 to 240Vac 50 Hz supply.
23. The bidder shall provide the quantity of reagents required to perform one test and also the reagent requirement as per the format in the offer form. The standard pack should also mention in the offer form. The price bid will not be considered for evaluation if any discrepancy in the quantity mentioned in the offer form and price bid. One standard pack of reagents shall be provided along with equipments by the L1 bidder either in GMC Thiruvananthapuram OR State Public Health Lab, Thiruvananthapuram, for the evaluation of cost per test offered in the tender. If any discrepancy noticed during demonstration, then the offer will not be considered and the firm will be blacklisted for a period of 3 years for misrepresentation of facts
24. Calibration has to be done free of cost in the warranty period as well as CAMC Period and certificate shall be given to the user institution. The frequency of calibration shall be minimum one per year or as per the recommendations of the manufacturer.
25. OEM shall certify that the reagent supplied by the bidder can be used in the equipment for obtaining accurate result and the certificate shall be produced if qualified for the technical demonstration
26. Should have safety certificate from a competent authority CE - IVD / 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