

Revised Technical Specifications

Automated Hematology Analyser (3 Part)

Specification	Specification Name	Bid Requirement (Allowed Values)
Performance Parameters	Type of system offered	closed system
	MID% analysis	Yes
	MtD# analysis	Yes
	Gran% analysis	Yes
	Gran# analysis	Yes
	Analysis method for WBC	electrical Impedance
	Method for platelet measurement	electrical Impedance
	RBC Measurement method	electrical Impedance
	Hb measurement	photonetric/direct cellular measurement
	Types of modes of running sample	Open vial
	Maximum sample aspiration volume needed in any of modes	should be less than 300 µl
	Minimum sample volume required	should be 100 µl or less
	Throughput capacity of analyser in (samples/ hour)	50-60
	Hemoglobin linearity	0 to 25 gm per litre
	Availability of Auto dilution	Yes
	Type of Calibration	automatic, manual, both (automatic and manual)
	Direct aspiration for capillary blood	Yes
Separate diluting nozzles for RBC and WBC	Yes	
Double bathing mechanism	Yes	
Data Management and Display	Type of data management	Inbuilt system
	Display	LED / LCD / TFT
	Inbuilt monitor size in inches	More than 5
	PC Monitor size in inches (When PC provided)	NA (if Inbuilt system)

Specification	Specification Name	Bid Requirement (Allowed Values)
	externally)	
	PC hard disk	NA
	RAM capacity of PC System	NA (if no PC provided)
	HIS/LIS Interface	HL7
	Type of external storage	USB
	No of USB Port	3
	Data management systems	Provide histograms in display and print
	Type of user Interface or data entry	all three (touch screen / Non touch screen, handheld barcode reader facility and manual)
	"Database capability of storing sets of results and graphics"	>= 2000 to 5000
	Printer facility	No
	Type of printer unit	Inbuilt
	Printer type	Thermal printer
Power Requirements	Type of UPS	Online
	Rating of UPS in KVA	1 KVA
	Back up time in minutes	30 min
Accessories, spare parts and consumables	"Offered equipment unit to be supplied with sufficient consumables (with at least 2/3rd of total shelf life) required for, sufficient to carry out haematological testing of samples"	500
Miscellaneous Parameters	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3
	Number of installations in Central /State/PSU Govt Hospitals (Hint: Seller should supply a performance certificate of the device to the buyer incase demanded after placement of order)	More than 3
	Availability of toll free facility	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	for technical support maintained by OEM or authorized agencies	
Additional Specification Parameters - Automated Hematology Analyser (3 Part)		
Specification Parameter Name	Bid Requirement (Allowed Values)	
Certification	CE-IVD/ US FDA / BIS	
Reagents for reportable tests	1500 nos with machine during supply rest 1500 nos after 3 months	
Calibrator	01 set	
Quality control	01 set	