

Specification of Fully Automatic Clinical Chemistry Analyser for the DRH BPL under M&P programme for the Year 2010-2011 under GM's power

S.N.	Category No.	Description
1	Major Parameter	Analyzer Type- Fully Automated Random access, Patient prioritized Biochemistry Analyzer. Floor model
		Test channel on line- Maximum 50 tests variant.
		Through put (Speed)- 300 tests/ Hr. for all types of photometric tests.
		Assay Type- End point, Kinetic with graphic representation.
		Reagent management- Cooled removable tray with 50 reagents position (of various sizes) arrangement.
		Sample Capacity- Minimum 50 position for patients sample and separate position for various standards, calibrator, blanks and controls.
		Photometry- For mono and Bichromatic measurement 12 wave Lengths option.
		Reaction System – 60 permanent hard glass Cuvette having 250 ul reading volume.
		Reagent Pipette- 2 Nos separate reagent pipette for Regent 1 and 2, with liquid level sensor, rinsed inside and out side with D.I. water.
		Weight base level sensing platform with alarm for D.I. water, cleaning solution, and waste Solution.
2.	Minor Parameter	• Sample volume-3-50ul (in 1ul increment)
		• Reagent volume- 300ul (1or2 regents test)
		• D.I. Water consumption- 5Ltrs./hrs. Maximum
		• Sample Pipette- 3-50ul (1ul increment)
		• Data storage-Up to 100,000 reports with search facility.
		• Accreditation-CE marketing.
		• Reagent Cooling-8-15,oC
		• Q.C. & Calibration-Liner, Nonlinear (Daily or monthly)
		• Connections-Rs. 232 cable for bi-directional interface.
		• Waste collection system-Isolation of biohazard waste for protecting lab. Staff and saving time.
3	Concomitant Accessories	Preventive Maintenance Kit.
		Compatible UPS from reputed company.
		Free starter Kits of at least 10 parameters, along with calibrator, Wash solution supplied free of cost.
		P. C. with TFT screen, touch screen Epson Printer.

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4	Optional Accessories	3 nos. of Micropipettes sizes 5-50ul, 50-300ul & 100-1000ul.
5	Spares	Preventive Maintenance Kit.
6	AMC Requirement	AMC to be provided after expiry of warranty period. <i>Submitted</i>
7	Warranted Requirement	At least for 2 Years.
8	Special Requirement	List of customers & performance report.
		Last purchase rate.
		Name, Phone No. of Company trained engineer & Local address.
		Open system for reagents & should be supported with test parameter.

[Signature]
CMS/BPL

Specifications submitted are appropriate.

*Issued (D.A.K. dc)
25/11/11 nodal officer (Pall)*