

Specification of Fully Automatic Clinical Biochemistry Analyser for the DRH BPL under M&P programme for the Year 2015-2016 under Railway Board's power

S.N.	Category No.	Description
	Major Parameter	<ul style="list-style-type: none">• System should be fully automated, random access for routine chemistry. Should be floor model type or bench top with suitable stand• Throughput -200 test per hr or more• Maximum sample capacity-70 samples or more• Maximum reagent capacity-50• Minimum reading volume 200 µl• Measurement range from -0.05 A to 2.5 A• Spectral range 340 nm to 670 nm• Filter configuration 340,405,505,535,560,600,635,670 nm• Minimum water consumption (water consumption should be less than 3 ltr/hr.• STAT facility should be available for both reagent and sample• Sample type –Serum,plasma,urine,CSF and whole blood• System should have on board cooling system• Reaction cuvette should be reusable and durable .Should be supplied with 10 reaction cuvette• Sample cups should be reusable.Should be supplied with 1000 sample cups.• Permanent pipette for aspiration of sample,reagent and dispense in cuvette• Should provide with calibration certificate issued by the manufacturer at the time of installation and calibration certificate should be issued for the machine by the supplier during preventive maintenance visit in the warranty/AMC period if demanded by the end user.• Should provide starter kits for sugar,urea,creatinine,cholesterol,HDL direct,cholesterol LDL direct,Triglyceids,bilirubin(direct), bilirubin (total),SGOT,SGPT,Total protein,Albumin along with calibrator and quality control one each for normal/abnormal and wash solution free of cost.

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2	Minor Parameter	1)Sample volume 3 μ l -40 μ l, 2)Reagent volume 10 μ l to 440 μ l 3)Unlimited QC data available from any of controls programmable make a LJ charts with westguard rule 4) Option for making a contamination pair to improve precision of results . 5)Service supporting software to easy diagnose the problem 6) Easy calibration even from stored data or data collection through email
3	Concomitant Accessories Concomitant Accessories	Should provide PC,TFT monitor,printer dot matrix UPS of suitable capacity with ½ an hour backup
4	Optional Accessories	Nil
5	Spares	Nil
6	Special Requirement	<ul style="list-style-type: none">• Reagent and machine from same manufacturer• Name , Phone no. of company trained engineer and local address.• List of customers and performance report


25-7-15
CMS/BPL

Annexure-II

To be submitted by the firm along with offer-

Tender specification	Specification quoted by the firm	Deviation if any with clarification