1	Full Automation Immunoassay Analyzer

No.	Item Specifications	Fill your Specification
I	**Manufacturer Name:**	
II	**Model No.:**	
III	**Country of Origin:**	
IV	**Years of Manufacturer:**	
	Technical Specifications	
	1) Fully automated Random access immunoassay analyzer with ElectrochemiLuminescence (ECL) technology, to perform the analysis of immuno assays from serum, plasma, hemolysate and body fluids.	
	2) Systems having maximum throughput preferred (not less than 80 Tests/hr).	
	3) System with minimal reaction time for immuno assay tests preferred.	
	4) Systems should have the capacity to be programmed with maximum tests and could hold maximum number of reagents at a single point of time (preferably >15 different reagents). Optional - compressor based cooling unit preferred than peltier based one.	
	5) Systems utilizing minimal sample volumes preferred with mandatory sample clot detection ability	
	6) Should have onboard, user definable minimal step dilution process of samples and one offering maximum level of dilution preferred (eg: for β-HCG).	
	7) Should be having lot to lot calibration, and preferably be having fewer points of calibration with maximum linearity.	
	8) One with minimal water consumption preferred	
	9) The quoted equipment should have CE/ FDA certification	
	10) All the reagents should be ready to use.	
	11) Reaction process, Sample & reagent pipetting should be in single use disposable settings.	
	12) Systems with maximum onboard data storage (QC, patient data) preferred with provision to expand memory or storage to an external device. Should be having connected online printer, preferably laser printer (provision for at least 3 RS-232 cable connections or equivalent data cable connections should be there).	
	13) System should be preferably having LCD touch screen colour monitor for programming the tests and entering the patient data with large icons. Strikingly visible alarms with operator defined audio enhancement should be there.	
	14) Reagent data entry should be through onboard barcode scanner to avoid wrong entry.	
	15) Colored touch-screen monitor, customized keyboard and computer should be included.	
	16) System should be able to measure the level of Theraputic Drug Monitoring (TDM).	
	17) Specify Sample Capacity Details:	
	18) Specify Sample volume:	
	19) STAT handling	
	Operating Environment	
	The unit shall be capable of operating in ambient temperature of 15°C-35°C and relative humidity of 10-95%	
	The unit shall be capable of being stored continuously in ambient temperature of -5°C -40°C and relative humidity of 10-95%	
	Power Supply:	
	Input Power Supply: 220/240 V AC , 50Hz Single Phase Schuko Plug	
	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metres in length.	
	Suitable UPS with maintenance free batteries for minimum 30 min. back-up shall be supplied with the system.	
	Standards & Safety Requirements	
	Must submit ISO13485:2003/AC:2007 for Medical Devices AND CE (93/42 EEC Directives) or USFDA or TUV approved product certificate.	
	Training	
	Must provide user & service training.	
	Warranty	
	Comprehensive Warranty for 2 years.	
	Maintenance Service During Warranty Period	
	Supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.	
	Documentation	
	User (Operating) manual in English Should provide 2 sets(hardcopy and soft-copy)	
	Service (Technical / Maintenance) manual in English Should provide 2 sets(hardcopy and soft-copy)	
	List of important spare parts, accessories and consumables with their part numbers and costing.	