Technical Specification of Electrolyte Analyser

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
	Electrolyte Analyser	**Yes/No**	**Page No in Catalogue**	**Remarks**
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
1.1	Electrolyte analyser (Na^+, K^+, Ca^{++} and Cl^-) for analysis of serum, plasma, urine, whole blood.			
2	**Operational Requirements**			
2.1	It shall be based on all in one Single Cartridge technology.			
3	**System Configuration**			
3.1	Electrolyte analyser with integrated printer and with complete accessories.			
4	**Technical Specifications**			
4.1	Cartridge Based electrolyte analyser with the measured parameter of Na^+, K^+, Ca^{++} and Cl^-.			
4.2	Sample volume shall be less than or equal to 100ul.			
4.3	Sample throughout of 60 samples/hour or more.			
4.4	It should have fully self-contained safe, maintenance-free waste system.			
4.6	It should have no additional requirements of cleaning reagents for electrodes and daily Maintenance.			
4.7	Shall have data display on built user friendly LCD display screen.			
4.8	Result storage capacity of minimum 500 data.			
4.9	Clot detection & automatic declotting system.			
4.10	Shall have automatic flagging of abnormal result.			
4.11	Should have facility for LIS system.			
5	**Accessories, spares and consumables**			
5.1	Trial kits for at least 300 test should be provided during the installation with free of cost with other required consumables to operate.			
5.2	All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included in their offer (including items not specified above).			
6	**Operating Environment**			
6.1	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply,			

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	Climate, Temperature, Humidity, etc.			
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
7	**Standards and Safety Requirements**			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices			
7.2	Must submit CE Marked compliance with inVitro Diagnostic Medical Device Directive 98/79/EC **OR** USFDA 510(k) Approved			
8	**User Training**			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	**Warranty**			
9.1	Comprehensive warranty for 2 years after acceptance.			
10	**Maintenance Service During Warranty Period**			
10.1	During the warranty period supplier must ensure planned preventive maintenance (PPM) and corrective/breakdown maintenance whenever required.			
11	**Installation and Commissioning**			
11.1	The bidder must arrange for the equipment to be installed by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
12	**Documentation**			
12.1	User (Operating) manual in English			
12.2	Service (Technical / Maintenance) manual in English			
12.3	List of important spare parts and accessories with their part number and costing.			
12.4	Certificate of calibration and inspection from factory.			

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चलानी नं : ४६६

मितिः२०८०।०३।०४

विषयः सच्याइएको सम्बन्धमा।

श्री जो जस सँग सम्बन्ध राख्दछ ।

प्रस्तुत विषयमा यस जिल्ला अस्पताल बैतडीको प्रयोगशालाको लागि आवश्यक उपकरण खरिद गर्न २०८०/०२/२५ गते प्रकाशित सूचना अनुसार MoSD/DHB/M/SQ/03/2079-80 को सिलबन्दी दरभाउपत्रमा भुलबस आर्को स्पेसिफिकेशन पर्न गएको हुँदा सच्याइएको व्यहोरा अनुरोध छ । साथै उक्त स्वीकृत गरिएको स्पेसिफिकेशन यसै पत्रसाथ संलग्न गरिएको व्यहोरा अनुरोध छ ।

डा. जीवन बानिया
नि. मेडिकल सुपरिटेण्डेन्ट