

AMDA-Nepal

Siddhartha Children and Women Hospital

Butwal-7, Rupandehi

Technical Specification of Liquid base cytology (LBC)

S.N.	Purchaser's Specifications	Bidder's Compliance (Yes/No)	Reference Page No.	Remarks
	Liquid base cytology (LBC) Analyzer .			
	Manufacturer:			
	Brand:			
	Type / Model:			
	Country of Origin:			
1	Description of function			
1.1	The offered system shall be a cytology centrifuge designed for preparation of tiny layer cytology slides from various biological samples including cervical, sputum, urine and body fluids. The system must ensure uniform cell distribution, minimal overlap and clean background for accurate microscopic diagnosis.			
2	Technical specification			
2.1	The analyzer should have LCD color screen display with speed and time indicator.			
2.2	System has audio and visual indication for error and system failure.			
2.3	Centrifuges shall microprocessor control that contain brushless DC motors for maintenance free long life.			
3	Slide centrifuge system for liquid based cytology complete.			
3.1	The system has slide holder capacity of at list 9-12 samples at a single run.			
3.2	The system has at least 2000RPM.			
3.3	It should have electronic door lock, over speed and imbalance protection.			
3.4	All standard accessories, consumables and parts required to operate the equipment including all standard tools supplied by suppliers.			
4	Standards and safety requirement			
4.1	Must submit ISO13485:2016 for Medical Devices AND			
4.2	It must have CE Quality Management System Certificate			

4.3	Shall meet IEC-60601-1-2:2007/AC: 2010 General Requirements of Safety for Electromagnetic Compatibility.			
5	Installation and Commissioning & User Training			
5.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
5.2	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.			
6	Warranty & Maintenance Service During Warranty Period			
6.1	Comprehensive warranty (Software, hardware/ parts maintenance labor cost etc.) for more than one year's warranty after installation.			
6.2	The Supplier shall conduct user training for this equipment to enable operators to use the equipment properly. The training shall include the use of all operational functions of the equipment, as well as routine checks and maintenance expected by users.			
7	Authorization			
7.1	Manufacturer's Authorization or local Distributor Authorization (Manufacturer's Authorization to the main Distributor is also required in case of Local Authorization).			
7.2	Certificate of calibration and inspection from factory.			
8	Documentation			
8.1	<ul style="list-style-type: none"> ● User (Operating) manual in English. ● Service (Technical/Maintenance) manual in English. ● List of important spare parts and accessories with their numbers and cost. ● We should accomplish all the qualification criteria of the bidder mentioned in the main bid document. 			