

**AMDA-Nepal**

Siddhartha Children And Women Hospital

Butwal-7, Rupandehi

**Technical Specification Semi-Automatic Coagulation Analyzer**

S.N.	Purchaser's Specifications	Bidder's Compliance (Yes/No)	Reference Page No.	Remarks
	<b>Semi-Automatic Coagulation Analyzer</b>			final
	<b>Manufacturer:</b>			
	<b>Brand:</b>			
	<b>Type / Model:</b>			
	<b>Country of Origin:</b>			
<b>1</b>	Technical specification			
1.1	Coagulation analyzers are specialized laboratory instruments designed to measure blood clotting parameters such as PT, INR, APTT, TT, FIB, ACT and many others.			
1.2	Coagulation analyzer must use disposable test strips/ cartridges with pre-loaded dried reagents, with complete accessories.			
1.3	The analyzer shall be based on optical clot diction technology using infrared/ light interruption method operated.			
<b>2</b>	Screening test to assess the exogenous and endogenous coagulation system function.			
2.1	PT/INR can be performed with fresh finger capillary whole blood.			
2.2	Sample type be citrated venous whole blood, capillary whole blood.			
2.3	Monitoring the patient with certain diseases, such as hepatopathy, infection burn injury.			
2.4	Sample volume should not be more than 20 microliters.			
<b>3</b>	Small size with re chargeable battery.			
<b>3.1</b>	Instruments must have color touch screen display.			
<b>3.2</b>	Should have features to print results via internal / external printer.			
3.	All standard accessories, consumables and parts required to operate the equipment including all stander tools supplied by supplier.			
3.2	Gets results within 5 minutes of the short turnaround time.			
3.3	<b>Must submit CE marked compliance certificate.</b>			
3.4	Must submit ISO13485 for medical devices.			
<b>4</b>	<b>Installation and Commissioning &amp; User Training.</b>			

4.1	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.			
4.2	Power supply 220VAC-240VAC, 50HZ .			
<b>5</b>	<b>Warranty &amp; Maintenance Service During Warranty Period.</b>			
5.1	Comprehensive warranty (Software, hardware/ parts maintenance labor cost etc.) for more than one year's warranty after installation.			
5.2	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.			
<b>6</b>	<b>Authorization</b>			
6.1	Manufacturer's Authorization or local Distributor Authorization (Manufacturer's Authorization to the main Distributor is also required in case of Local Authorization).			
6.2	Certificate of calibration and inspection from factory.			
<b>7</b>	<b>Documentation</b>			
7.1	<ul style="list-style-type: none"> <li>● User (Operating) manual in English.</li> <li>● Service (Technical/Maintenance) manual in English.</li> <li>● List of important spare parts and accessories with their numbers and cost.</li> </ul> <p>We should accomplish all the qualification criteria of the bidder mentioned in the main bid document.</p>			