

Technical Specification of Digital Tourniquet				
S.N	Purchaser's Specifications (Koshi Hospital, FY: 81/82)	Bidder's Compliance Sheet		
	Digital Tourniquet	Yes/ No	Page No. in Catalo	Reamrks
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
1	Description of Function			
1.1	blood flow to a limb by applying pressure to blood vessels.			
2	Technical Specifications			
2.1	The system should include a microcontroller-based pressure control mechanism with User friendly controls.			
2.2	Cuff Pressure should be Adjustable from 100 to 400 mmHg or better.			
2.3	Incremental Adjustable should start at least from 10 mmHg or better.			
2.4	It should feature a large LED display with a digital pre-selected pressure setting and an elapsed time clock.			
2.5	It should include a sophisticated alarm system.			
2.6	It should have integrated time recording and display			
2.7	The system's accuracy should be within $\pm 5\%$.			
2.8	Cuff system can be single or double.			
2.9	. Should provide cuffs for both adults and pediatric use. Adult Single Cuff LONG ARM : 1 unit Adult Single Cuff LONG LEG : 1 unit SINGLE CUFF Pediatric : 1 pair			
3	Accessories, spares and consumables			
	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).			
4	Operating Environment			
4.1	The system offered shall be designed to store and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			

4.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.			
5	Standards and Safety Requirements			
5.1	Must submit ISO 13485:2003/AC:2007 for Medical Devices			
5.2	Must submit Valid CE certificate.			
6	User Training			
	Must provide user training (including how to use and maintain the equipment).			
7	Warranty			
	Comprehensive warranty for 1 years after acceptance.			
8	Maintenance Service during Warranty Period			
	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
9	Installation and Commissioning			
	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.			
10	Documentation			
10.1	User (Operating) manual in English.			
10.2	Service (Technical / Maintenance) manual in English.			
10.3	List of important spare parts and accessories with their part numbers and costing.			

Note: Bidder must completely fill the Technical Specification Form (TSF). Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.