



त्रिभुवन विश्वविद्यालय

शिक्षण अस्पताल

तार-टुथमेड
महाराजगञ्ज
काठमाडौं, नेपाल।

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शिक्षण अस्पताल
सूचना

पत्र संख्या :-

२०८०।०८।२८

मिति :

यस अस्पतालको लागि आवश्यक भएको १२ (बाह्र) थान Infusion Pump खरिद गर्नु पर्ने भएकोले उक्त सामग्रीहरु आपूर्ति गर्न इच्छुक इजाजत प्राप्त सप्लायर्स/कम्पनी/फर्महरुले मिति २०८०।०९।०४ गते १६:०० बजे भित्र आवश्यक सम्पूर्ण कागजातका साथ यसै सूचनामा संलग्न प्राविधिक विवरण (Technical Specification) अनिवार्य रूपमा भरी Catlounge समेत संलग्न गरी दररेट विवरण सहित शिलबन्दी कौन्टेशन अस्पतालको सामान्य प्रशासन शाखा "क" मा पेश गर्नुहुन सूचित गरिन्छ। शिलबन्दी दरभाउपत्र मिति २०८०।०९।०५ गते बिहान ११:०० बजे खोलिनेछ।



यादव प्रसाद पोखरेल

प्रमुख

सामान्य प्रशासन शाखा क

Technical Specifications of Infusion pump

S.N.	Purchaser's Technical Specifications	Bidder's offer	Pageno.in Catalogue	Remarks
	Infusion Pump			
	Manufacturer			
	Brand			
	Type/ Model			
	Country of Origin			
1.	Description of Function			
1.1	The infusion pump provides uniform flow of fluid by precisely driving the plunger of a liquid. It provides accurate and continuous flow rate for precise deliver of I.V. medication in critical medical care			
2.	Operational Requirements			
2.1	The infusion pump must be user friendly, safe to use and must have battery backup and comprehensive alarm system.			
3.	System Configuration			
3.1	Infusion pump with battery backup alarm and with complete accessories.			
4	Technical Specifications			
4.1	The system must be compatible with IV sets of any standards.			
4.2	Must have Curvilinear peristaltic pumping mechanism.			
4.3	Must have the following infusion modes: ml/h, drop/min, tie-based.			
4.4	Flow rate should be 0.1-1500 ml/h (in 1ml/h increments). Purge			
4.5	Bolus volume must be 1-20ml (in 1 ml increments)			
4.6	Must have an accuracy of +/- 3%			
4.7	Must have VTBI of range 1-9999ml			
4.8	Must have KVO rates of 0.1-5 ml/h (in 0.1 ml/h increments)			

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 Government Hospital
 Bangalore

4.9	Must have alarm system for the following: Occlusion, air-in-line, door open, end program, low battery, end battery, AC power off, motor malfunction, system malfunction, reminder alarm.			
4.10	Should come with the following features: Real-time infused volume/ bolus rate/ bolus volume/ KVO rate, automatic power switching, mute button, purge, bolus, system memory, key locker, change flow rate without stopping the pump.			
4.10	Must come with ultrasonic Air-in-line detector.			
4.10	Power supply, AC: 230V , 50-60 Hz, 20VA			
4.11	Battery : rechargeable with battery life of at least 5 hours at 30 ml/h			
5	Accessories, spares and consumables			
5.2	All standard accessories, consumables and parts required to operate the equipment, 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 must be designed to store and be operated normally under the condition of the purchaser's country. The conditions include climate, temperature and relative humidity.			
6.2	Power supply: 100-240V AC 50/60 Hz			
7	Standards and Safety Requirements			
7.1	Must submit ISO 13485:2016 approved product certificate.			
7.2	CE(93/42EEC Directives)or USFDA approved product certificate			
8	User Training			
8.1	Must provide user training (including how to use and maintain the equipment)			
9	Warranty			
9.1	Comprehensive warranty for 1 year after installation			
10.	Maintenance Service During Warranty Period			



10.1	During warranty period supplier must ensure preventive Maintenance and corrective/breakdown maintenance whenever required.			
11.	Installation and Commissioning			
11.1	Supplier must accomplish proper installation and Commissioning of the equipment onsite.			
12	Documentation			
12.1	User(Operating)manual in English.			
12.2	Service(Technical/Maintenance) manual in English.			
12.3	Certificate of calibration and inspection from factory.			



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