



त्रिभुवन विश्वविद्यालय  
**शिक्षण अस्पताल**

तार-दुधमेड  
महाराजगञ्ज  
काठमाडौं, नेपाल ।

त्रिभुवन विश्वविद्यालय  
शिक्षण अस्पताल  
**सूचना**

पत्र संख्या :-


२०८२/१०५/१०५

मिति : .....

यस त्रि.वि.शिक्षण अस्पतालको लागी आवश्यक तपशिलमा उल्लेखित सामग्रीहरु खरिद गर्नु पर्ने भएकाले उक्त उपकरण आपूर्ति गर्न इच्छुक इजाजत प्राप्त सप्लायर्स/कम्पनी/फर्महरुले यो सूचना प्रकाशित भएको मितिले सात दिन भित्र आवश्यक सम्पूर्ण कागजात सहित शिलबन्दी दरभाउपत्र अस्पतालको सामान्य प्रशासन शाखा “क” मा पेश गर्नुहुन सूचित गरिन्छ । मूल्य विवरण र प्राविधिक विवरण फारम यसै पत्र साथ संलग्न गरिएको साथै थप जानकारीको लागी सामान्य प्रशासन शाखा ‘क’ मा सम्पर्क गर्न सकिनेछ ।

तपशिल :

S.N.	Particulars	Unit	Quantity
1.	Bed Side Patient Monitor With Accessories.	Set	5 (Five)

  
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भोजराज भट्ट  
अस्पताल प्रशासन प्रमुख

*P. Subedi*



## 1. Price Schedule for Machine

1	2	3	4	5	6	7	8
Item	Description	Unit	Quantity	Unit price (Site Delivery)	Total price in figure (cols. 4 x 5)	Total price in words	Remarks
1	<b>Bed Side Patient Monitor With Accessories</b>	Set	Five				
				<b>Total Amount</b>			
				<b>Add 13% Value Added Tax</b>			
				<b>Total Including VAT</b>			

Total Price ..... (in words)

Signature and Stamp of Bidder \_\_\_\_\_

Note: In case of discrepancy between unit price and total, the unit price shall prevail

## 2. Schedule of Requirements

The delivery schedule expressed as days/weeks/months stipulates hereafter a delivery date which is the date of delivery to the final destination where the Goods is required to be delivered.

No.	Description	Quantity	Place of Delivery	Delivery schedule days/weeks/months from date of Purchase Order
	<b>Bed Side patient Monitor With Accessories.</b>	5 (Five) Set	TUTH, Maharajgunj, Ktm.	Seven Days

*Prakash*



## **Technical specification of Patient Monitor.**

<b>S.N.</b>	<b>Technical specification for Patient monitor</b>			
	<b>Name of Bidder</b>			
	<b>Brand</b>			
	<b>Model No</b>			
	<b>Country of Origin</b>			
	<b>Address of Bidder</b>			
<b>S.N</b>	<b>Specifications</b>	<b>Complied/Not complied</b>	<b>Remarks</b>	<b>Page No.</b>
1.	Bedside patient monitor to monitor physiological parameters of patients in the critical care units, operating theatres, emergency rooms or general wards.			
2.	Patient monitor with ECG, Resp., SpO2, NIBP and 2-ch. Temp.			
3.	All accessories, consumables to run the machine should be provided.			
4.	It should be at least 12-inch-high resolution color LED touch screen , color resolution not less than 1280 x 800 pixels, up to 10 waveforms display .			
5.	It should be compact multi-parameter patient monitor, used for adult, pediatric and neonatal patients.			
6.	Weight should not exceed 4 kg with battery.			
7.	Multi-lead ECG algorithm should be implemented to analyze the ECG signals from multiple leads to ensure the measurement accuracy when one lead is interfered.			
8.	It should support Pace detection.			
9.	HR range: Adult: 10 to 300 bpm.			
10.	Pediatric/Neonate: 10 to 350 bpm.			
11.	It should support ARR analysis and at least 25 arrhythmia events should be detected and alarmed.			
12.	It should support ST and QT/QTc interval monitoring, QT analysis.			
13.	Respiration measurement range: 0 to 200 rpm , RR Analysis lead: I, II or auto.			
14.	Support RR from SPO2 to reduce false alarms.			
15.	SPO2 accuracy: Accuracy:± 2% (70 to 100%, Adult/Pediatric. ± 3% (70 to 100%, Neonate)			
16.	PR range: 20 to 300 bpm.			
17.	It should be BHS certified and should support wider range for NIBP and PR measurement greatly improves the accuracy of border values.			
18.	Systolic range Adult: 25 to 290 mmHg Pediatric: 25 to 240 mmHg Neonate: 25 to 140 mmHg			
19.	It should provide info graphic alarm indicator.			
20.	It should have standard 2G internal storage card review and storage of 1200 hours trend, 1000 alarm events, 1600 groups of NIBP measurements, 128 ARR alarms and 48-hour full disclosure waveforms.			
21.	It should have external USB storage for review and storage of 2400 hours trend, 5000 alarm events, and 5000 groups of NIBP measurements.			

*Prakash*



22	It should have three default configurations for adult/pediatric/neonatal patient, support customized configurations and transferring configuration via USB drive.			
23	It should have at least 4.5 hours of working time with standard Li-ion battery.			
24	It should be no fan design, remarkably reduces noise .			
25	It should have IPX1 waterproof .			
26	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).			
27	3 Lead ECG with cable, 2 set for each monitor SpO2 Probe and connector, 2 set for each monitor NIBP connection hose and cuff, 2 set each for adult, Pediatric, neonate, Skin Temperature probe, 2 set for each monitor Wall mount and base plate, 1 set for each monitor for 4 monitors Wheel trolley for 1 monitor			
<b>Terms and Condition</b>				
28	It must have EU Quality Management System Certificate (MDR) or USFDA approved product certificate must be submitted.			
29	Shall meet IEC-60601-1-2:2007/AC: 2010.			
30	Supplier must be responsible for fitting monitor at site.			
31	Full warranty for 2 years.			
32	User (Operating) and Service manual in English should be provided.			

TUTH