



त्रिभुवन विश्वविद्यालय

# शिक्षण अस्पताल

तार-दुयमेड  
महाराजगञ्ज  
काठमाडौं, नेपाल ।

पत्र संख्या :-



मिति : .....

सूचना !

२०८१।०१।२६

यस अस्पतालको सर्जरी विभाग अन्तर्गत यूरोलोजी ओ.पि.डि. को लागि आवश्यक एक थान **Uroflowmetry Machine** खरिद कार्य गर्नको लागि प्रतिस्पर्धात्मक दररेटमा शिलबन्दी कोटेशन आह्वान प्रयोजनार्थ यो सूचना पुनः प्रकाशित भएको छ । यो सूचना प्रकाशित भएको मितिले तीन(३) दिनभित्र ईच्छुक इजाजत प्राप्त सप्लायर्सहरुले आवश्यक सम्पूर्ण कागजातका साथै दररेट विवरण सहित शिलबन्दी कोटेशन अस्पतालको सामान्य प्रशासन शाखा "क" मा कार्यालय समय भित्र पेश गर्न सूचित गरिन्छ । यसैसाथ संलग्न प्राविधिक विवरण बमोजिमको शिलबन्दी कोटेशनमा आवश्यक सम्पूर्ण कागजपत्रहरु अनिवार्य रूपमा संलग्न हुनुपर्नेछ । थप जानकारीको लागि अस्पतालको सामान्य प्रशासन शाखा "क" मा सम्पर्क गर्न सकिनेछ ।



यादव प्रसाद पोखरेल  
प्रमुख  
सामान्य प्रशासन क

*Dinesh Kafle*



## 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	Uroflowmetry Machine	Set	One				
				<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
1	Uroflowmetry Machine	One	TUTH, Maharajgunj, Ktm.	Seven Days

### 3. Technical Specifications

S.N.	Purchaser's Specifications	Bidder's Compliance	
		Yes/ No	Remarks
	<b>Uroflowmetry Machine</b>		
	<b>Manufacturer</b>		
	<b>Brand</b>		
	<b>Type / Model</b>		
	<b>Country of Origin</b>		
<b>1</b>	<b>Description of Function</b>		
1.1	Uroflowmetry, also called uroflow, is used to calculate the flow rate of urine over time noninvasively.		
<b>2</b>	<b>Operational Requirements</b>		
2.1	Should be fully automatic micro-processor based digitally control unit with wired or wireless technology thus enabling two isolated rooms, cabin and voiding room(bathroom) to have cordless communication. The system should be PC based system with real time monitoring with software.		
<b>3</b>	<b>System Configuration</b>		
3.1	The system Uroflowmetry Machine should consist of i. Control Unit ii. Transceiver Module iii. Computer System with Printer iv. Uroflowmetry Chair with Sensor, beaker etc.		
<b>4</b>	<b>Technical Specifications</b>		
4.1	Should be PC based system with reporting software and real time monitoring.		
4.2	Should be modular design, wired or wireless communication between computer and sensor-side control unit. In Case of wireless system RF based wireless communication upto the the range of 30 ft.		
4.3	System should come with easy to use software. Attendant should be able to add patient details, start test, stop test, print report, history etc.		
4.4	Automatic calculation of following uroflowmetry parameters:  Flow Time Time to Max Flow Voiding Time Hesitancy Voiding volume Max Flow Avg Flow Residual Urine		

4.5	Must measure flow rate and volume rapidly and precisely:		
4.6	Must give a printout of result using computer and color printer consisting of a graphical flow curve as well as statistics relating to parameters of urinary flow altogether with the patients information.		
<b>5</b>	<b>Accessories, spares and consumables</b>		
5.1	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).		
<b>6</b>	<b>Operating Environment</b>		
6.1	The product offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc.		
6.2	Power supply: 220 – 240 VAC, 50Hz fitted with appropriate plug. The power cable must be at least 3 metre in length.		
<b>7</b>	<b>Standards and Safety Requirements</b>		
7.1	Must submit ISO13485 for Medical Devices <b>AND</b>		
7.2	CE (93/42 EEC Directives) or USFDA registered product certificate.		
<b>8</b>	<b>User Training</b>		
8.1	Must provide user training (including how to use and maintain the equipment).		
<b>9</b>	<b>Warranty</b>		
9.1	Comprehensive warranty for 1 years after acceptance.		
<b>10</b>	<b>Maintenance Service During Warranty Period</b>		
10.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.		
<b>11</b>	<b>Installation and Commissioning</b>		
11.1	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.		
<b>12</b>	<b>Documentation</b>		
12.1	User (Operating) manual in English.		