



त्रिभुवन विश्वविद्यालय

# शिक्षण अस्पताल

तार-टुथमेड  
महाराजगञ्ज  
काठमाडौं, नेपाल।

पत्र संख्या :-

त्रिभुवन विश्वविद्यालय  
शिक्षण अस्पताल

मिति : .....

**सूचना !**

२०८१।१०।१५

यस अस्पतालको मेजर ओ.टी.को लागि आवश्यक दुई थान **Surgical Aspirator (Suction Machine)** खरिद कार्य गर्नको लागि प्रतिस्पर्धात्मक दररेटमा शिलबन्दी कोटेशन आह्वान प्रयोजनार्थ यो सूचना प्रकाशित भएको मितिले सात(७) 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 रुपमा संलग्न हुनुपर्नेछ। थप जानकारीको लागि अस्पतालको सूचना पाटी र अस्पतालको सामान्य प्रशासन शाखा "क" मा सम्पर्क गर्न सकिनेछ।

*Singal*

सुनिता हुंगेल  
प्रमुख

सामान्य प्रशासन 'क'



### 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	Surgical Aspirator (Suction Machine) - High End	Set	Two				
<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	Surgical Aspirator (Suction Machine) - High End	Two	TUTH, Maharajgunj, Ktm.	Seven Days



Technical Specifications of Surgical Aspirator (Suction Machine) – High End

S.N.	Purchaser's Technical Specifications	Bidder's Compliance Sheet		
		Yes/No	Page No. in Catalogue	Remarks
	<b>Surgical Suction Unit (Suction Machine) - High End</b>			
	Manufacturer			
	Brand			
	Type/Model			
	Country of Origin			
<b>1</b>	<b>Description of Function</b>			
1.1	The surgical suction unit has been designed to use in the operation theatre during surgical operation to take out the accumulated liquids/fluids/gases and other wastes in the operation area of the patient and for application such as gynaecology, liposuction, general surgery, urology etc.			
<b>2</b>	<b>System Configuration</b>			
2.1	The machine should be trolley mounted, electrically/electronically controlled and operated. It must have 4 lockable casters.			
<b>3</b>	<b>Technical Specifications</b>			
3.1	Machine should have integrated factory-made trolley mounted with 4 antistatic lockable castors.			
3.2	The main body of the suction unit must rest on the anti-static painted metal for ergonomic design.			
3.3	The device body must be made of high-grade plastic.			
3.4	Motor should have oil-less piston pump.			
3.5	The device should have stable vacuum performance at adjustable vacuum level.			
3.6	Should have vacuum pressure $\geq 700$ mmHg bar pressure for aspiration.			
3.7	Should have air flow $\geq 90$ L/min.			
3.8	Must have noise level maximum of 50 dB.			
3.9	Should have 2 jar holding system in the trolley.			
3.10	Analog manometer should be placed in front of the machine for better visualization during suction.			



3.11	The machine should have jar selection electronic button for right and left jar change and works separately for individual jar to avoid the cross-contamination.			
3.12	The device body should be made of high graded plastic (ABS), robust and easy to clean the main body.			
3.13	The capacity of the jar should be 5 L, less capacity is not accepted.			
3.14	The jars are made of transparent polycarbonate material and sterilizable at 121 <sup>0</sup> C.			
3.15	The Measuring scale of fluid should be indicated in the transparent jar.			
3.16	Should have catheter jar (Probe container) and hanging system in the trolley.			
3.17	The suction can be controlled by foot pedal as well as switch button on the device.			
3.18	<b>Accessories, Spare Parts and Consumables included</b>			
	Hydrophobic bacteria filter – 2 pcs			
	Suction jar 5 L – 2 pcs			
	Catheter jar – 1 pc			
	Silicon hose – 2 pcs			
	Yankuer hose – 1 pc			
	Power Cable – 1 pc			
	Foot pedal – 1 set			
<b>4</b>	<b>Operational Environment</b>			
4.1	Power Supply: 220–240V AC, 50 Hz with appropriate power cable and plug.			
4.2	The length of the power cable must be at least 3 m.			
<b>6.</b>	<b>Standards, Medical Device Regulation and Safety Requirements</b>			
6.1.	Must submit a valid "Medical devices – Quality management systems – Requirements for regulatory purpose"; EN ISO 13485:2016 and ISO 13485:2016			
6.2.	Must submit valid CE marked certificate (Directive 93/42 EEC on Medical Devices) or automatic extension letter from notified body and/or US-FDA registered & listed.			
<b>7.</b>	<b>User and Technical Training</b>			
7.1.	Must provide user training (including how to use and safe handling, keep hygiene the equipment).			



7.2.	Must provide the first step technical training to troubleshooting and maintenance of the machine to the hospital technician and engineers.			
<b>8.</b>	<b>Up time Service Backup, Warranty/Guarantee</b>			
8.1.	Warranty for 1 year from the date of installation of the machine.			
8.2.	During the warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
<b>9.</b>	<b>Installation and commissioning</b>			
9.1.	The bidder must arrange for the quoted equipment with all the listed accessories and consumables to be installed on site and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
<b>10.</b>	<b>Documentation on site</b>			
10.1.	User (Operating) manual in English			
10.2.	Service (Technical/ Maintenance) manual in English			
10.3.	The spare parts price and consumables list of the Surgical Aspirator (Suction Machine) – High End should be provided in separate sheet.			

TUTH