



## बी.पी. कोइराला स्वास्थ्य बिज्ञान प्रतिष्ठान, धरानको

### कोटेशन माग गरिएको सुचना

(सुचना प्रकाशित मिति: २०८०/०४/२२)

यस प्रतिष्ठानलाई आवश्यक तपशिलका उल्लेखित Portable Suction Machine खरिद गर्नुपर्ने भएकोले इजाजत प्राप्त प्रतिष्ठानमा सुचिकृत फर्म, संस्था, कम्पनीबाट अद्यावधिक फर्म दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व. २०७८/०७९ को कर चुक्ताको प्रमाणपत्र प्रतिहरु संलग्न गरी यो सुचना प्रकाशित मितिले ७ दिन भित्र कोटेशन पेश गर्नुहुन सुचित गरिन्छ। माग गरिएको कोटेशन तोकिएको म्यादभित्र प्रतिष्ठानको दर्ता चलानी फाँटमा खामबन्दी दर्ता गर्नुहुन वा [quotation.procurement@bpkihs.edu](mailto:quotation.procurement@bpkihs.edu) मा email मार्फत पेश गर्नुपर्नेछ।

SN.	Product Name	Qty.	Unit
1	Portable Suction Machine	5	Set

### Technical Specification of Electrically Operated High Vacuum High Flow Suction Machine

S/N	Purchaser's Specifications	Bidder's Offer (Yes/No)	Reference Page No.	Remarks
	<b>Hospital Proposed Specification for Electrically Operated High Vacuum High Flow Suction Machine - 10 Complete Sets</b>			
	<b>Manufacturer</b>			
	<b>Brand</b>			
	<b>Type / Model</b>			
	<b>Country of Origin</b>			
1	<b>Description of Function</b>			
1.1	To extract fluid from the body during surgery or emergency treatments.			
2	<b>Operational Requirements</b>			
2.1	An electric double jar suction pump for surgical use.			
3	<b>System Configuration</b>			
3.1	Suction machine with two bottles and accessories.			
4	<b>Technical Specifications</b>			
4.1	The housing shall be stainless steel moulded on four wheels with castor with foot switch.			
4.2	Should come with suction controller and vacuum gauge / indicator of 4" size to display vacuum pressure			
4.3	Vacuum rate shall be from 0 to not less than -700mm Hg.			
4.4	Air flow rate shall be at least 50 l/min or more			
4.5	Fitted with 1/4 HP Electric Motor or better with Double Rotary Vane Type Pump or Double Piston Type Pump			
4.6	The pump shall come fitted with twin unbreakable, transparent, autoclave able polycarbonate/Glass suction bottles minimum 2 litre each.			
4.8	The bottles shall be incorporated with an automatic suction cut-off mechanism when they become full.			
4.9	The suction bottles shall come with trap filter & overflow protection.			
4.1	Noise level: not more than 55 dBA.			
4.1	One Button switch for On & Off with Indicator			
4.1	Air discharge from pump shall be filtered by a bacterial reusable filter.			

5	<b>Accessories, spares and consumables</b>			
5.1	Accessories: 1 Complete Sets Each <ul style="list-style-type: none"> <li>• Electrical cable</li> <li>• Clear suction tubing</li> <li>• Bacterial filter</li> <li>• Spare unbreakable, transparent, autoclave able polycarbonate/Glass suction bottle 2L</li> <li>• Complete connection tubing set</li> <li>• Foot switch with cables should be provided</li> </ul>			
6	<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	Must operate on 220-240V AC as well as rechargeable batteries.			
7	<b>Standards and Safety Requirements</b>			
7.1	Must submit ISO13485:2003/AC:2007 for Medical Devices, IEC 60601-1-2012 AND CE (933/42 EEC Directives ) Certificate			
8	<b>User Training</b>			
8.1	Not applicable.			
9	<b>Warranty</b>			
9.1	Comprehensive Warranty of 2 year on unit including motor & pump			
10	<b>Maintenance Service During Warranty Period</b>			
10	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
11	<b>Installation, Inspections and Commissioning</b>			
11	Must supply preassembled unit, ready to use.			
11	Inspections to verify the compliance of the offered equipment as per specifications will be conducted by the technical team appointed by the purchaser.			
12	<b>Documentation</b>			
12	User (Operating) and Service (Technical/Maintenance) manuals to be supplied in English.			
12	Certificate of calibration and inspection.			