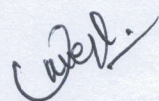


Technical Specification of Electric Suction Machine.

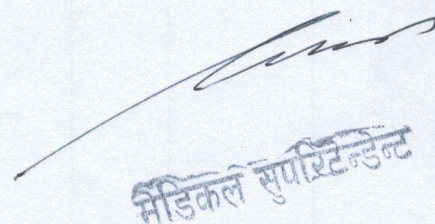
S.N.	Purchaser's Specifications		Bidder's Compliance Sheet		
			Yes/ No	Ref Docs Page No.	Remarks
	Electric Suction Machine				
	Manufacturer				
	Brand				
	Type/Model				
	Country Of Origin				
1	Description of Function				
1.1	To Extract fluid from the body during surgery or emergency treatment.				
2	Operational Requirements:				
2.1	An electric double jar suction pump & Shall be portable unit.				
3	System Configuration				
3.1	Electrically operated pneumatically pressure controlled Ward care Suction Unit				
4	Technical Specifications				
4.1	<ul style="list-style-type: none"> Powder Coated MS chasis. Noise level of suction apparatus is 50 dB +/- 03 dB Electrical requirement – 220 – 230VAC, 50Hz, 1Phase. Ideal for medical & surgical procedures. Rotary Vane or Diaphragm Vacuum Pump with – 710 +/- 10mm Hg. Free air displacement (Flow Rate) at least 30 ltrs / min. Heavy duty antistatic castors. At least 180 Watt. 1440 RPM, 0.25 H.P. Electric Motor. At least 50mm Vacuum Gauge. Non collapsible PVC tubing. 2 x 1.5 Ltrs Polycarbonate jars with overflow safety. Bacterial filter fitted on top. All parts coming into contact with secretion are autoclave safe. 				
5	Accessories, spares and consumables				
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.				
5.2	Extra Bacteria Filter and clear anchor suction tubing set each 1 pc				
6	Operating Environment				
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 Climate, Temperature, Humidity, etc.				
7	Standards and Safety Requirements				
7.1	Must submit ISO13485 or better for Medical Devices AND				
7.2	Must submit CE (or) USFDA approved product certificate.				
7.3	Shall meet IEC -60601-1-2 general requirement of safety of equipment.				

S.N.	Purchaser's Specifications	Bidder's Compliance Sheet		
8	User Training			
8.1	Must provide user training (including how to use and maintain the equipment).			
9	Warranty			
9.1	Comprehensive warranty for one year after acceptance.			
10	Maintenance Service During Warranty Period			
10.1	During the warranty period supplier must ensure corrective/breakdown maintenance whenever required.			
11	Installation and Commissioning			
11.1	Supplier must accomplish proper commissioning of the equipment onsite.			
12	Documentation			
12.1	User (Operating) manual in English.			

Bidder must completely fill the Technical Specification Form (TSF). Only Yes/no/all complies should not be written. Page number in the catalogue of all the required parameters must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee



Er. Umesh Kumar Chaudhary
NEC No.: 162-Biomedical 'A'



मेडिकल सुपरिन्टेंडेंट