



बी.पी. कोईराला स्वास्थ्य बिज्ञान प्रतिष्ठान, धरानको

कोटेशन माग गरिएको सुचना

(सुचना प्रकाशित मिति २०८०/०२/०८)

यस प्रतिष्ठानलाई आवश्यक तपशिलका उल्लेखित **Vaccum Pump** 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 दर्ता गर्नुहुन वा quotation.procurement@bpkihs.edu मा email माफत पेश गर्नुपर्नेछ।

SN.	Product Name	Qty.	Unit
1	Vaccum Pump	1	Nos

Technical Specification of Electrically Operated Medical Vacuum Pump System				
S.N	Purchaser's Specifications	Bidder's Yes/No	Reference Page No.	Remarks
	Hospital Proposed Specification For Electrically Operated High Vacuum Pump System-03 Complete Sets			
	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 Electrically Operated Medical Vacuum Which Shall ensure to maintain the vacuum pressure at the terminal unit farthest away from the pump@533mbar /400mmHg			
3	System Configuration			
3.1	Three separate 10Hp Vacuum Pump and Base Frame Mounted with Flywheel Pulley, V-belt Belt Guard, Electric Motor, Pulley & Starter, Silencer, Line filter, Vacuum Gauge, Pressure Switch, Line Filter etc. which should run in sequence.			
4	Technical Specification			
4.1	Reciprocating Single stage vacuum pump of around 150 cfm or more.			
4.2	Should be air cooled.oil lubricated ,belt driven,base plate mounted.			
4.3	Should be fitted with 10 Hp, 1440 RPM,3 Phase 415V.50HZ. Totally Enclosed Fan Cooled Electric Motor with Pulley			
4.4	Air Output from the vacuum pump should pass through a silencer and then to the outside of the Building.			
4.5	The Vacuum Pump Should be set to begin operation when the vacuum level of the system drops to 480mm Hg and ceases operation when the level reached 533mmHg or better.			
4.6	The Vacuum System should be supplied with a suitable Dol Starter/Contactor, Sequencer, Pressure Switch, Vacuum Gauge, Motor Pulley, V-Belt, Belt Guard, Silencer, First Fill of lubricant etc.			
4.7	The vacuum pump should supplied with anti-vibration pads			
4.8	Should be fitted with an appropriate line filter in the pipe connecting the pipeline to reservoir tank.			
4.9	Maximum Vacuum 745mmhg			
5	Spares and Consumables			

5.1	Attach the maintenance schedule in hrs. along with the list of spares and consumables to be consumed in each schedule of service/maintenance.			
5.2	Attach the yearly cost of service/maintenance cost for each vacuum pump			
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 condition include power supply ,climate, Temperature, Humidity, etc.			
6.2	Must Operate on 3-Phase,415V,50HZ. Power Supply.			
7	Standards and safety Requirements.			
7.1	Must be ISO,CE Certified and submit its valid certificate.			
8	User Training			
8.1	Technical Staffs and operator has to be trained for proper operation and troubleshoot of fault and its rectification.			
8.2	Attach the list of user's in nepal of the bid brand & model			
9	Warranty /Guarantee			
9.1	Comprehensive warranty / guarantee of two years on complete vacuum system including electric motor.			
10	Maintenance Service During Warranty Period.			
10.1	During Warranty period supplier must ensure to provide preventive/breakdown maintenance whenever required.			
11	Installation ,Inspections and Commissioning			
11.1	Installation and commissioning has to be done by company trained service engineer/technician.			
12.2	Documentation			
12.1	User (operating)and service (Technical/Maintenance) manuals to be supplied in English .			
12.2	Bidder must completely fill the technical Specification form(TFS).Only yes/no all complies should not be written. Page number in the catalogue of all the required parameter must be clearly mentioned and highlighted. Failure in doing so may lead to rejection of bid from technical committee.			