Nebuliser

S.N.	Purchaser's Specifications	Bidder's Offer
	Nebuliser	
	Manufacturer	
	Brand	
	Type / Model	
	Country of Origin	
1	**Description of Function**	
1.1	A nebuliser is a device used to administer medication to people in the form of a liquid mist to the airways. It is commonly used in treating cystic fibrosis, asthma, and other respiratory diseases. They use a piston-driven motor to generate compressed air, which turns liquid medication into a fine mist for inhalation	
2	**Operational Requirements**	
2.1	A heavy-duty compact Nebuliser is required.	
3.	**System Configuration**	
3.1	Compressor based Nebuliser, complete unit with all standard accessories.	
4	**Technical Specifications**	
4.1	Compact, lightweight, low noise.	
4.2	Durable long-life compressor. Suitable for heavy-duty/ institutional (hospital) use, must be able to run uninterruptedly.	
4.3	Compressor Operating Pressure: Up to 20 Psi(1.4 bar) or more	
4.4	Nebulization Rate: Average rate is 0.2–0.5 mL/min or better	
4.5	Air Flow: 6LPM or more	
4.6	Piston-type electric compressor that offers high performance and great durability.	
4.7	Medication capacity at least 5 ml	
4.8	Noise level should be less or equal to 55 dB.	
5	**Accessories, spares and consumables**	
5.1	**Accessories:** ● Nebuliser bulb reusable, autoclaveable- 01 no. ● Adult and child face mask reusable, autoclaveable- 02 each. ● T piece, Mouthpiece, Nosepiece, reusable, autoclaveable- 01 each. ● Mouthpiece- 01 no. ● Nosepiece- 01 no. ● 1 x 200 cm. tubing ● Spare filters- 10 nos.	
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).	

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6	**Operating Environment**	
6.1	The system offered shall be designed to store 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.	
7	**Standards and Safety Requirements**	
7.1	Must submit ISO13485:2016 for Medical Devices **AND**	
7.2	CE or USFDA approved certificate.	
8	**Warranty**	
8.1	Comprehensive warranty for 2 years after acceptance.	
9	**Maintenance Service during Warranty Period**	
9.1	During warranty period supplier must ensure corrective/breakdown maintenance whenever required.	
10	**Installation and Commissioning**	
10.1	As per requirement	
11	**Documentation**	
11.1	User (Operating) manual in English.	
11.2	Service (Technical / Maintenance) manual in English.	
11.3	Certificate of calibration and inspection from factory as per manufacturer guidelines.	