Oxygen Concentrators

S. N.	Purchaser's Specifications		Bidder's Offer
	Oxygen Concentrator		
	Manufacturer		
	Brand		
	Type/Model		
	Country of Origin		
1	**Description of Function**		
1.1	Oxygen Concentrator for supply of Oxygen Regularly to the patient		
2	**Operational Requirements**		
2.1	Oxygen concentrator with accessories		
3	**System Configuration**		
3.1	Oxygen concentrator with accessories		
4	**Technical Specifications**		
4.1	The Oxygen Concentrator should be mobile, Mains operated unit capable of supplying continuous oxygen from atmospheric air with a built-in purity measurement.		
4.2	Double flow splitter for Oxygen delivery		
4.3	Should have LCD display to view the usage hours and timer.		
4.4	Adjustable Flow rate ranging 0.5 to 5 L/ min		
4.5	Oxygen Purity more than 93% ±3%		
4.6	Delivery pressure 4 to 7 PSI or better		
4.7	Alarm for Low Oxygen Concentration, Power Failure, Compressor Failure		
4.8	Filters for dust and bacteria		
4.9	Low noise system < 55 dB		
4.10	Delivery system for a maximum of two patients simultaneously		
4.11	Calibrated Oxygen purity indicator		
5.0	**System Configuration Accessories, Spares and Consumables.**		
5.1	To be Supplied with the following standard accessories/disposables • Humidifier Bottle---2 nos. • Nasal cannula with extension tubing---2 Nos. • Power cable---1 no. • Dust Filter – 2 no • Bacterial Filter – 2 no		
5.2	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.		
6	**Operating Environment**		
6.1	The system offered must be designed to operate normally under the condition of the purchaser's country. The conditions include power supply, climate, temperature, and humidity, etc.		
7	**Standards and Safety Requirements**		
7.1	Must submit ISO13485:2016 for Medical Devices **AND**		
7.2	CE or USFDA certificate		
8	**User Training**		
8.1	Should provide user training		

9	**Warranty**	
9.1	Comprehensive warranty for 2 years after acceptance	
10	**Maintenance Service During Warranty Period**	
10.1	Standard warranty conditions are applicable.	
11	**Installation Inspection and Commissioning**	
10.1	Must supply preassembled unit, ready to use.	
12	**Documentation**	
12.1	User/Instructions manual shall be provided in English.	
12.2	Service Manual in English	
12.3	Certificate of calibration and inspection from factory as per manufacturer guidelines.	
12.4	Letter of commitment from principal manufacturing company regarding the availability of spare parts and accessories for next five years after the completion of warranty period.	