

Technical Specification of Oxygen Cylinder, 46L

S.N.	Purchaser's Specifications	Bidder's Offer	Remarks
	Oxygen Cylinder, 46L		
	Manufacturer		
	Brand		
	Type / Model		
	Country of Origin		
1	Description of Function		
1.1	Oxygen cylinder for medical use.		
2	Operational Requirements		
2.1	Steel Oxygen cylinder of 46L capacity is required.		
3	System Configuration		
3.1	Oxygen Cylinder, 46L		
4	Technical Specifications		
4.1	Cylinder filled with medical grade Oxygen.		
4.2	Seamless steel Oxygen cylinder with "Bull nose"-valve		
4.3	Water Capacity: 46L		
4.4	Working pressure: 15MPa(150bar)		
4.5	Testing Pressure: 250bar		
4.6	Cylinder shall be easily refilled anywhere and there is no need for any custom made refilling hose / station / connector.		
4.7	All fitting of cylinder must be leak proof and shall not have any chances of leakages.		
4.8	Shall be supplied complete with cylinder key/spanner/bar or hand-wheel to turn cylinder on/off.		
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 (including items not specified above).		
6	Operating Environment		
6.1	The system 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	This unit shall be certified to meet ISO9001 and ISO 9809 for seamless steel gas cylinders.		
7.2	Explosive Safety Test Certificates from IOL (Indian Oxygen Ltd.)/ Department of Explosion Government of India/ BOC (British Oxygen Company) or other national/international reputed institutions.		
8	User Training		
8.1	Must provide user training (including how to use and maintain the equipment).		
9	Warranty		
9.1	Comprehensive warranty for 1 year after acceptance.		
10	Maintenance Service During Warranty Period		
10.1	Standard warranty conditions are applicable.		
11	Installation and Commissioning		
11.1	Supplier must accomplish proper commissioning of the equipment on site.		

Er. Umesh Kumar Chaudhary

NEC No.: 162-Biometrical A



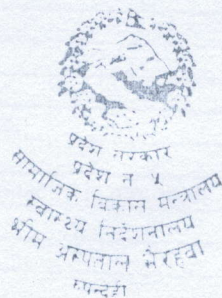
प्रदेश नं. ५
संयोजन विभाग
नया

मेडिकल सुपरिटेन्डेंट

S.N.	Purchaser's Specifications	Bidder's Offer	Remarks
12	Documentation		
12.1	User (Operating) manual in English		
12.2	Service (Technical / Maintenance) manual in English		
12.4	Certificate of calibration and inspection from factory.		

Umesh

Er. Umesh Kumar Chaudhary
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मेडिकल सुपरिटेन्डेंट