

**Technical Specification of Oxygen Pipeline with Accessories
for 28 Beds**

S.N	Purchaser's Specification of Oxygen Pipeline	Qty.	Unit	yes	No	Page no in Catalog	Bidder's Offer
	Manufacture:						
	Brand/Model:						
	Country of Origin:						
1.	Semi Automatic Oxygen Manifold with Control Panel						
1.1	Supply and installation of Semi Automatic Changeover system and Alarm Including: <ul style="list-style-type: none"> • High Pressure IOX-14 Regulator with NRV: 2 Nos • Contact Gauges: 2 Nos • I-69 Regulator: 1 Nos • Line Pressure Gauges: 1 Nos • 6+6 Size Oxygen manifold system with NRV and Flexible Tail Pipe Must be ISO and CE Certified.	1	Set				
2.	2+2 Cylinder Emergency Oxygen System						
2.1	It should be complete set with all the fittings and accessories	1	Set				
3.	Oxygen Outlet						
3.1	Front Loading BS Standard, Base metal ISO, CE Marked. 2 Yrs Warranty	28	Set				
5.	Accessories for OXYGEN, Metal BPC Flow Meter, Humidifier bottle						
5.1	BPC Oxygen Flowmeter with Humidifier Bottle: Control within a range of 0-15 LPM It will meet strict precision and durability standard. The flow tube and shroud components should be made of clear, impact resistant polycarbonate.	28	Set				
5.2	Oxygen Adapter: Stainless Steel, BS Standard Oxygen Adapter	28	Nos				
6.	Isolation Valve with brass fittings						
6.1	12mm ball valve with brass fitting	28	Set				
6.2	15 mm ball valve with brass fitting	4	Set				
7.	Line Pressure Area Alarm 2 Gases Should Measure and display the measured pressure of Oxygen gas coming from pipeline.	1	Set				
8	The medical gas copper pipes and fittings Supply and installation of medical graded copper pipe with copper fittings, Plastic Saddling. Solid drawn, Seamless, Deoxidized,						

	Non-Arsenical, half hard, Tempered and Degreased. Manufactured as per BS EN 13348, BS EN1057, BS2871, HTM 2022 and HTM02-01. Labelling on Copper tube: Manufacturer and date code, Tube size, EN1348 CE Mark.						
8.1	12mm OD x 0.6 thick copper pipe with copper fitting and brass saddling	35	Mtr				
8.2	15mm OD x 0.7 thick copper pipe with copper fitting and brass saddling	110	Mtr				
9.	Accessories, Spare Parts and Consumables						
	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)						
10.	Operating Environment						
	The system offered shall be designed to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature Humidity, etc.						
11.	Standards & Safety Requirements						
	Must be ISO and CE certified.						
12.	Warranty						
	Comprehensive warranty for 2 years after completion of pipeline.						
13.	Maintenance Service During Warranty Period						
	During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required.						
14.	Installation and Commissioning						
	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.						