



वी.पी.कोइराला स्वास्थ्य विज्ञान प्रतिष्ठान धरानको
कोटेशन माग गरिएको सूचना ।
(पुनः सूचना प्रकाशित मिति: २०८२।१।०४)

यस प्रतिष्ठानको विभिन्न वार्डहरूमा Central Gas Line (Oxygen Outlet) जडानको लागि आवश्यक संलग्न Specification बमोजिमको सामग्री खरिद गर्न लागत अनुमान तयार गर्नुपर्ने भएकोले सो प्रयोजनको लागि व्यवसाय (फर्म) दर्ता प्रमाणपत्र, मु.अ.कर दर्ता प्रमाणपत्र, आ.व.२०८१/०८२ को कर चुक्ताको प्रमाणपत्रको प्रतिहरू संलग्न गरी यो सूचना प्रकाशित मितिले ७ (सात) दिन भित्र कोटेशन तथा क्याटलगहरू पेश गर्नुहुन सुचित गरिन्छ । माग गरिएको कोटेशन तथा क्याटलगहरू तोकिएको म्यादभित्र प्रतिष्ठानको दर्ता, चलानी फाँटमा दर्ता गर्नुहुन वा quotation.procurement@bpkihs.edu मा email मार्फत पेश गर्नुपर्नेछ ।

MGPS FOR EYE , ENT, ORTHO AND DIALYSIS WARD

S/N.	Item Description	Qty.
1	Front Loaded Metal Gas Outlets with PL Adaptors for Oxygen & Vacuum as per HTM 02-01 and BS EN 737-1:1998	25 pes. + 25 pes.
	Outlets Shall be manufactured with a 165 mm long Copper inlet pipe stub which is silver brazed to the outlet body. The inlet pipe should be capable of swiveling by 360 degrees for enabling the same to be connected to the pipeline system.	
	Outlet shall be equipped with a primary and secondary check valve and the secondary check valve shall be rated at minimum pressure of 200 psi. In the event the primary check valve is removed for maintenance there should not be any leakage (on-line maintenance should be possible w/o disrupting the functioning of other outlets). Outlet bodies shall be gas specific by indexing each gas service to a gas specific dual pin indexing arrangement on the respective identification module. There should be a push button release mechanism for disconnecting apparatus accessible from top, bottom and side of outlets. A large color-coded front plate/cover shall be used for ease of gas identification and aesthetic appeal. With the back rough in mounted the outlet shall adjust up to 25 mm variation in wall thickness. The latch valve assemble should accept only corresponding gas specific adaptors. All outlets shall be cleaned and degreased for medical gas service, factory assemble and tested.	
2	Isolation Valve '15mm for O2 and 22mm for Suction	12pes. + 12pes.
	Valve shall be a 4-bolt design, bronze body, double seal, union ball -type, with Teflon (TFE) seats and Viton seals, "O" ring packing, and ball which seals in both directions, blow-out proof stem, with a pressure rating of 2760 kPa (400 psig). Valves shall be operated by a lever-type handle requiring only a quarter turn from open position to a fully closed position.	
3	Valve Box with Alarm for Two Gases (Oxygen & Vacuum)	3 set's
4	Oxygen BPC Flow Meter & Humidifier Bottle.	25 pcs.
	Back Pressure Compensated flow meter for a accurate gas flow incorporating a rotary pin valve (FA Valve) to control and adjust the flow rate of oxygen to any desired level within the range of 0-15 ltrs/min. It will meet strict precision and durability standard. The flow meter body should be made up of brass chrome plated materials. The flow tube and the shroud components should be made up of clear, impact resistant polycarbonate. The humidifier bottle should be unbreakable, autoclavable at 134 degree centigrade with a nut on the cap fitted on top inlet and side outlet tubes of 200-250ml.	

5	Ward Vacuum Unit With Pressure Regulator	25 pcs.
	Ward vacuum unit with suction regulator, vacuum gauge, on/off switch, h.p suction tube with tip, fluid control trap (to safeguard from overflowing) and 600 ml jar with cover made up of unbreakable and re-usable polycarbonate material and autoclavable at 134 degree centigrade.	
6	12MM BSI KITE MARKED CERTIFIED COPPER PIPES	80 mtr.
	12 mm dia X 0.7mm. thickness Copper pipes shall be solid drawn, tempered, seamless, phosphorous deoxidized, half hard tempered, non-arsenic and degreased for Medical Gas Pipe Line supply and distribution as per HTM 02-01 and BS EN 13348 : 2016	
7	15MM BSI KITE MARK CERTIFIED COPPER PIPES	120 mtr.
	15 mm dia X 0.9mm. thickness Copper pipes shall be solid drawn, tempered, seamless, phosphorous deoxidized, half hard tempered, non-arsenic and degreased for Medical Gas Pipe Line supply and distribution as per HTM 02-01 and BS EN 13348 : 2016	
8	22MM BSI KITE MARK CERTIFIED COPPER PIPES	120 mtr.
	22 mm dia X 0.12mm. thickness Copper pipes shall be solid drawn, tempered, seamless, phosphorous deoxidized, half hard tempered, non-arsenic and degreased for Medical Gas Pipe Line supply and distribution as per HTM 02-01 and BS EN 13348 : 2016	
9	Copper Fittings as per HTM 02-01 and BS EN 1254 Elbow, Tee, Socket , Reducer etc.	1 lot (as per requirement)
10	High Quality Plastic Saddles with Clamps and Bullites With Anti Corroison Nuts and Bolts Complete Set (12mm, 15mm, 22mm)	1 lot (as per requirement)
11	Pipeline Installation, Testing , Purging , Commission & Fitting should strictly comply to HTM 02-01 and BS EN 737-3:2000	Bidder's Work
12	Comprehensive warranty/guarantee of atleast 2 years for complete system including parts and labour	Bidder's Commitment