

Makes MEDICAL GAS PIPE LINE SYSTEM		ANNEXURE - D
Project :- ESIC HOSPITAL, Raipur		
1	2	3
S.No.	Description of Items	Makes
A	OXYGEN SYSTEM	
A.1	10 + 10 size of oxygen manifold complete with middle frame, chains, NRV's and 20 nos. pig tail pipes	MPS/ SUPREME/ SIGMAMEDITECH/ MEDFLOW/ PW/MR/AKTIVE/MDD
A.2	3+3 size Oxygen emergency cyl. manifold complete with middle frame, chains and NRV's and pressure regulator	MPS/ SUPREME/ SIGMAMEDITECH/ MEDFLOW/ PW/MR/AKTIVE/MDD
A.3	Fully Automatic pneumatically operated Oxygen control panel. as per NFPA99 / HTM 02-01, UL Listed wherever applicable / CE marked with notified No.	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
A.4	Oxygen outlets (Imported) as per NFPA99 / HTM 02-01, UL Listed / CE marked with notified No.	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
A.5	Oxygen flowmeter complete with humidifier bottle	SUPREME/SIGMAMEDITECH /AKTIVE/ MEDFLOW/ MR/ BEACON MEDEAS/MPS/MDD
A.6	Oxygen H.P. antistatic rubber tube (Imported)	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
B	NITROUS OXIDE SYSTEM	
B.1	3 + 3 size of N2O manifold complete with middle frame, chains, NRV's 6 nos. pig tail pipes.	MPS/ SUPREME/ SIGMAMEDITECH/ MEDFLOW/ PW/MR/AKTIVE/MDD
B.2	2 Cyl.emergency N2O Manifold complete with middle frame, chains, NRV's and Pressure Regulator	MPS/ SUPREME/ SIGMAMEDITECH/ MEDFLOW/ PW/MR/AKTIVE/MDD
B.3	Fully Automatic pneumatically operated N2O control panel. as per NFPA99 / HTM 02-01, UL Listed wherever applicable / CE marked with notified No.	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
B.4	Nitrous Oxide H.P. antistatic rubber tube (Imported)	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
C	COMPRESSED AIR SYSTEM	
C.1	Compressed air system complete with oil free air compressor (2 nos. x 57.18 cfm) equipped with air receiver capacity of 2000 ltrs. and complete with Air Dryer of 60 cfm.	Ingersoulrand / Anestawata/ HITACHI/FS-CURTIS/ELGI
C.2	3 stage ultra Filter & reducing station	
C.3	Compressed M.Air- 4Bar outlets (Imported) as per NFPA99 / HTM 02-01, UL Listed / CE marked with notified No.	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
C.4	Compressed air H.P. antistatic rubber tube (Imported)	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)
D	VACUUM CENTRAL SYSTEM	
D.1	Vacuum Central system complete with Vacuum pumps (2 nos. x 7V) reciproting base frame mounted with moter and 2000 ltrs. Capacity vacuum reservoir	INGERSOULRAND / ANESTAWATA/ INDO AIR/ELGI/KIRLOSKAR
D.2	Bacterial filter station and secretion traps.	Domnic Hunter, Solberg
D.3	Vacuum outlets (Imported) as per NFPA99 / HTM 02-01, UL Listed / CE marked with notified No.	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)

D.4	Vacuum H.P. antistatic rubber tube	PNEUMATIK BERLIN/ MEDICOP(EUROPE) /GENTECH(USA)/ BEACON MEDEAS /PRECISION (UK) /ALLIED HEALTH CARE (USA)	
D.5	Ward vacuum unit complete with regulator, collection bottle and adopter and bracket for collection bottle.	SUPREME/ SIGMAMEDITECH/ AKTIVE/MEDFLOW/MR/MP/MDD	
D.6	Theatre vacuum unit complete with regulator, collection bottle and adopter and trolley.	SUPREME/ SIGMAMEDITECH/ AKTIVE/MEDFLOW/MR/MP/MDD	
E	<u>Medical Grade KITE Certified copper pipe with required copper fittings</u>	Mehata tubes/RAJKO/METALCO	
F	<u>BED HEAD PANEL</u>	SUPREME/ MR/G M MEDICAL/ MEDFLOW / MPS/MDD	
F.1	Provision for 2 Gas Outlet(O2-1+Vac-1) with 5 Amp. Switch & Sockets and provision for Nurse call system		
F.2	Provision for 3 Gas Outlet(O2-1+M.Air-4-1+Vac-1) with 5 Amp. Switch & Sockets and provision for Nurse call system		
F.3	Provision for 4 Gas Outlet(O2-2+M.Air-4-1+Vac-1) with 5 Amp. Switch & Sockets and provision for Nurse call system		
G	<u>FLOOR ZONAL VALVES</u>	RB/RN	
G.1	15 MM		
G.2	22MM		
G.3	28 MM		
G.4	42 MM		
H	<u>VALVE WITH VALVE BOX AND PRESSURE GAUGE</u>	MEDICOP/ GENTECH/ CRYLOR/ BECON MEADAS/ PRECISION/ ALLIED HEALTH CARE(USA)	
H.1	6 Gas Services		
H.2	4 Gas Services		
H.3	3 Gas Services		
H.4	2 Gas Services		
I	<u>Master Alarm 16 Windows</u>	MEDICOP/ GENTECH/ CRYLOR/ BECON MEADAS/ PRECISION/ ALLIED HEALTH CARE(USA)	
J	<u>AREA LINE PRESSURE ALARM</u>	MEDICOP/ GENTECH/ CRYLOR / BECON MEADAS/ PRECISION/ ALLIED HEALTH CARE(USA)	
J.1	5 Services		
J.2	4 Services		
J.3	3 Services		
J.4	2 Services		
K	<u>COMBINED ELECTRICAL PANELS</u>		
	For compressed air system and vacuum system	SCHEMATIC / L&T/INDIATECH	
L	<u>WAGD/ AGSS SYSTEM as per NFPA99 / HTM 02-01</u>		
	WAGD / AGSS system consisting of Duplex, Skid Mounted,	MEDICOP/ GENTECH/ BECON MEADAS/ PRECISION (UK)/ALLIED HEALTH CARE(USA)/ PNEUMATIK BERLIN.	
M	Line Pressure Alarm with Valve Box (Imported)	MEDICOP/ GENTECH/ BECON MEADAS/PRECISION/ ALLIED HEALTH CARE(USA)/CRYLOR	
	Note : Incase if engineering -in-charge feels that some material/ brand is not meeting the project requirements / client requirements or proper specifications , the same shall not be allowed even if its brand name included in list of approved makes / brand above.		