

**CORRIGENDUM NOTICE****No. 5082****Date.17.09.2019**

For Bid Reference No.C.D.M &amp; P.H.O/MGPS/7274/dt.27.08.2019

1. Modified last date of Receive of tender is dt.25.09.2019 upto 12 Noon .
2. Modified opening of technical Bid is 3 PM on dt.25.09.2019 and pening of Financial Bid is 4 PM on dt.25.09.2019.

Sl.No	Point	Original Tender Terms & Condition and Specification	Corrigendum/Amendment
1	Delivery Period	Supply within 60days from issue of the purchase order	60days from the issuance of purchase order & approval of drawing. Purchase order shall be issued once the drawing is approved
2	Ref: Eligibility criteria Point No.2.2- Authorised Distributer Refer Clause no (iii)	In addition to this ,the distributor shall also submit the average annual turnover of the manufacturer/importer of the items as mentioned in 2.1(v) & (Vi) above	Deleted
3	Eligibility Criteria Clause no 3.16	Copy of the upto date GST clearance certificate	GST paid receipt/challan to be submitted
4	Clause No 10.2	Site plan and system layout plan including civil /electrical work or other related works shall be prepared by the supplier	Site plan and system layout plan of MGSP work only including civil/electrical work or other related works shall be prepared by the supplier
<b>Technical Specification :-</b>			
5	Medical grade Copper tubes ,fittings and fixtures	Manufacturer should be ISO 13485 certified	Manufacturer should be ISO certified
6	Zonal Isolation valves with pressure gauges	Manufacturer should be ISO 13485 certified	Manufacturer should be ISO certified

7	Zonal Isolation valves with pressure gauges	Products should be CE/BIS approved	NFPA 99/HTM compliant( CE/BIS :deleted)
8	Medical gas Alarm system	ISO7396-1 standard	it should be compliant to ISO7396-1/NFPA 99/HTM standards
9	Ward vacuum UNIT:	A 600 ml reusable collection Jar made of poly carbonate material and fully autoclavable at 134 degree centigrade	A 600 ml reusable collection Jar made of poly carbonate material and fully autoclavable at 121 degree centigrade
10	Oxygen Manifold	:The cylinders are to be wall mounted	The cylinders are to be placed on floor
11	Filter must be provided to protect the control panel from foreign particles	Filter must be provided to protect the control panel from foreign particles	Deleted
12	Vacuum System The medical grade vacuum system should provide 300 Liters per minute capacity at 19"Hg The vacuum pressure should not exceed 26 mmHG with Flow volume more than 55cfm		Follow Annexure I
13	Reputed make ISI marked /CE marked standard Manufacturer should be ISO13485 certified		Reputed make ISI marked /CE marked standard Manufacturer should be ISO certified

14	<b>Compressor system:  Reputed make ISI/CE  marked standard  Air receiver shall  comply with BS EN  286-1 supplied with  relevant test  certificate</b>		<b>Reputed make ISI/CE marked  standard  Air receiver shall comply with BS EN  286-1 /BS-5169 /ASME /Equivalent  supplied with relevant test  certificate and Follow Annexure-II</b>
15	<b>Section V Clause No-  15  Lubricated  reciprocating Air  compressor having  5HP</b>		<b>7.5HP Oil free reciprocating type  compressor</b>
16	<b>Section V Clause No-  14  Vacuum pump 3/5HP</b>		<b>5HP Oil lubricated type Pump</b>
17	<b>Section V Clause 2.1  OD should be 1.9mm</b>		<b>OD should be 0.9mm instead of  1mm</b>

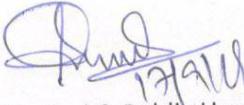
<b>Vacuum System:</b>		
Sl.No	Original tender specification	Amended
1	The medical grade vacuum system should provide 300 Liters per minute Capacity at 19" Hg. Duplex system fully compliant to NFPA 99/EN ISO 7396-1/HTM02-01 standards.	Vacuum (suction) supply system (2nos. of vacuum unit) of more than 60CFM flow capacity for each vacuum unit having suitable motor rating of oil lubricated or oil-free type . The system should be fully compliant to NFPA 99/EN ISO 7396-1/HTM02-01 standards.
2	The Medical Vacuum System shall ensure to maintain the minimum pipeline vacuum level of 300mmHg at each vacuum outlet.	The Medical Vacuum System shall ensure to maintain the minimum pipeline vacuum level of 300mmHg at each vacuum outlet.
3	The pump should be air cooled and oil free type	<b>The pump should be oil lubricated reciprocating type</b>
4	The pump should be set to begin operation when the vacuum level of the system drops to 19 inHg (483 mmHg) and ceases operation when the level reaches 25 inHg (635 mmHg).	The pump should be set to begin operation when the vacuum level of the system drops to 19 inHg (483 mmHg) and ceases operation when the level reaches 25 inHg (635 mmHg).
5	The pump shall be fitted with anti-vibration pads between the pump foot and mounting frame.	The pump shall be fitted with anti-vibration pads between the pump foot and mounting frame.
6	The outlet of the pump should be fitted with filters.	The outlet of the pump should be fitted with filters.
7	Reputed make I.S.I marked /CE marked Standard oil free air-cooled vacuum pump.	Reputed make I.S.I marked /CE marked Standard oil free air-cooled vacuum pump.
8	5/3 HP motor with suitable starter, mounted on base frame, complete with wiring,switched, interconnecting pipes and isolation valve(s).	<b>5 HP motor with suitable starter, mounted on base frame, complete with wiring,switched, interconnecting pipes and isolation valve(s).</b>
9	The vacuum pressure should not exceed 26 in Hg with flow volume more than 55cfm.	<b>Delete</b>
10	Receiver capacity 300 liters with interconnecting pipes.	Receiver capacity 500 liters with interconnecting pipes.
11	The receiver tank should be designed to withstand a pressure of minimum 150	The receiver tank should be designed to withstand a pressure of minimum 150 PSIG
12	The vacuum receiver should be hot dip galvanized inside and out	The vacuum receiver should be hot dip galvanized inside and out
13	Equipped with pressure gauge, safety relief valve, 3 way bypass, gauge glass and tank drain.	Equipped with pressure gauge, safety relief valve, 3 way bypass, gauge glass and tank drain
	<b>Control Panel</b>	<b>Control panel</b>
1	The vacuum system should have control panel for automatic lead /lag sequencing .	The vacuum system should have control panel for automatic lead /lag sequencing .

2	Automatic action of reserve vacuum pump. Action of automatic alarm for any adverse event and for safe running of the system.	Automatic action of reserve vacuum pump. Action of automatic alarm for any adverse event and for safe running of the system. The system should be provided with pressure gauges.
3	The system should be provided with pressure gauges.	The system should be provided with pressure gauges.
4	The medical vacuum system should be manufactured as fully compliant to the latest international standard NFPA 99 C /EN 737 and ISO 7396-1:2007 certification	The medical vacuum system should be manufactured as fully compliant to the latest international standard NFPA 99 C /EN 737 and ISO 7396-1:2007 certification.
5	Manufacturer Should be ISO 13485 certified.	Manufacturer Should be ISO certified.

## ANNEXURE -II

Compressed Air System:		
S.No.	Original tender specification	Amended
1	Any reputed make I.S.I./CE Standard two stage two cylinder single acting reciprocating type splash lubricated air-cooled air compressor mounted on 300L capacity horizontal air receiver.	<b>Air Compressor system (2nos. of compressor unit) of 7.5Hp capacity of each. compressor of vertical reservoir tank of 500 ltrs.capacity .Any reputed make I.S.I./CE Standard two stage oil free reciprocating type splash air-cooled air compressor base mount type.</b>
2	The Medical Air system shall conform to NFPA 99/EN ISO 7396-1/HTM02-01. Medical quality air, delivered at pressures of 700kPa (7 bar) gauge for supply of the hospital medical or surgical air systems.	The Medical Air system shall conform to NFPA 99/EN ISO 7396-1/HTM02-01. Medical quality air, delivered at pressures of 700kPa (7 bar) gauge for supply of the hospital medical or surgical air systems.
3	Automatic On-Off for maintaining the air pressure and volume of the receiver	Automatic On-Off for maintaining the air pressure and volume of the receiver.
4	5 HP electric motor foot mounted, dryer, filter, starter, water cooled after cooler with moisture separator and air dryer.	7.5 HP electric motor foot mounted, dryer, filter, starter, water cooled after cooler with moisture separator and air dryer.
5	Inline filters 2 nos. three stages of filtration to remove oil vapour, hydrocarbons, dust particles and free from moisture to make the air supplied medical grade.	Inline filters 2 nos. three stages of filtration to remove oil vapour, hydrocarbons, dust particles and free from moisture to make the air supplied medical grade.
6	To remove maximum contamination and minimum pressure drop.	To remove maximum contamination and minimum pressure drop.
7	Other hardware complete with wiring, switches, interconnecting pipes and isolation valve(s).	Other hardware complete with wiring, switches, interconnecting pipes and isolation valve(s).

8	Air receivers shall comply with BS EN 286-1, supplied with relevant test certificates. Each air receiver shall be hot dip galvanised inside and out and fitted with a zero loss electronic drain valve.	Air receivers shall comply with <b>BS EN 286-1/BS5169/ASME /Equivalent</b> , supplied with relevant test certificates. Each air receiver shall be hot dip galvanised inside and out and fitted with a zero loss electronic drain valve.
9	The receiver assembly shall be fitted with a pressure safety valve capable of passing the maximum flow output of the compressor at 10% receiver overpressure. The receiver shall be further protected by a safety pressure relief valve and include a pressure gauge.	The receiver assembly shall be fitted with a pressure safety valve capable of passing the maximum flow output of the compressor at 10% receiver overpressure. The receiver shall be further protected by a safety pressure relief valve and include a pressure gauge.
10	The system shall consist of 1 receiver vessel each shall be of 300 litres.	The system shall consist of 1 receiver vessel each shall be of 500 litres.
11	There shall be the followings available for enhanced operation of the air plant system:	There shall be the followings available for enhanced operation of the air plant system:-
12	Phase sequence relays that prevent unintentional reverse operation of the compressors.	Phase sequence relays that prevent unintentional reverse operation of the compressors.
13	Synthetic oil for increased compressor life	Synthetic oil for increased compressor life
14	Tropical thermostatic sensors for high humidity	Tropical thermostatic sensors for high humidity
15	Reputed make I.S.I marked /CE marked Standard	Reputed make I.S.I marked /CE marked Standard
16	Manufacturer should be ISO 13485 certified.	<b>Manufacturer should be ISO certified.</b>

  
 Chief District Medical & Public Health Officer,  
 Bargarh