

GOA ANTIBIOTICS & PHARMACEUTICALS LTD
NEAR TUEM INDUSTRIAL ESTATE, TUEM, PERNEM GOA. 403512

CORRIGENDUM

Tender Ref. : IFB: GAPL/TENDER/CAP/001/2019-2020/ DT. 04.04.2019

Tender For : Supply, Installation, Commissioning and Testing of double skin HVAC System.

AMENDMENT -

Sr. No.	CHAPTER NO.	ITEMS NO.	CHANGES RECOMMENDED
1	CHAPTER 2.6 SR.NO.1 MAKE FOR AIR HANDLING UNIT	LIST OF APPROVED MAKE FOR AIR HANDLING UNIT	RECOMMENDED BRAND VTS/EDGE TECH/SYSTEM AIR/ CARRY AIR .
2	CHAPTER NO. 2.2.1	Outside design condition	Read 98 F instead of 58 F
3	CHAPTER NO. 2.4 TECHNICAL SPECTION	2.4.1.1.D	The sound level shall not be more than 70 db from 1 meter distance from the air handling unit
4	CHAPTER NO. 2.4 TECHNICAL SPECTION	2.4.1.1.E	All section / panel shall be of frameless structure / bolted to each other with neoprene rubber gasket and fix with stainless screw in between them for perfectly alliance and air tide joint.
5	CHAPTER NO. 2.4 TECHNICAL SPECTION	2.4.1.1.F	Deleted.
6	CHAPTER NO. 2.6	List of approved make	Revised list attached with corrigendum.
7	CHAPTER 3.0	Bill of quantity Annexure -1 A	(Additional) point no.3 - Return and discharge ducting line shall be connected with zipped canvas connection.
8	CHAPTER 3.0	Bill of quantity Annexure -1 A	(Additional) point no.4 - Vender shall ensure sufficient extraction of air to meet the design parameters.
9	CHAPTER 3.0	Bill of quantity Annexure -1 A	(Additional) point no.5 - Magnehelic gauges of the HVAC unit shall be supplied having unit of measurement in pascal.
10	CHAPTER 3.0	Bill of quantity Annexure -1 A Item no. 02 AHU – DX condensing unit	The refrigerator used shall be eco-friendly and of grade R-410/417.
11	CHAPTER 3.0	Annexure -1 B	Vender shall include the cost of diffuser with damper/ VCD in the BOQ.

Sr. No.	CHAPTER NO.	ITEMS NO.	CHANGES RECOMMENDED BY GAPL
12	CHAPTER 2.9 ANNEXURE 1 A & SCHEDULE VI OF PRICE BID	CLASSIFICATION OF AHU	AHU – 4,5,6,10,11, 12,13,15 &16 SHALL BE READ AS CLASS 100000 AREAS.
13	CHAPTER 2.3	LIST OF DRAWINGS & LAYOUT	UPLOADED ALONGWITH THE CORRIGENDUM.
14	CHAPTER 4 SHCEDULE VI	DIFFUSER LIST FOR PRICE BID	UPLOADED ALONG WITH THE CORRIGENDUM.
15	CHAPTER 2.9 ANNEXURE 1 A	ALL FILTERS G4, F6, F9, H14 FOR CLASS 10000 AND CLASS 100000 IS A PART OF BOQ.	COST OF FILTERS SHALL BE INCLUDED IN THE PRICE BID.

Revised

2.5 List of Approved Makes

S.No.	Items	Acceptable Makes
1	Air Handling Units	VTS/Edge tech/System Air/Carry Air
2	Air cooled condensing units	Blue star / Voltas / Carrier / Hitachi / LG
3	Electric Heater	Daspass / Khokhar/ Nav Bharat Electrical
4	Thermostat for FCU/AHU	Honey Well / Danfoss/ Siemens/Bellimo
5	Humidistat & Geyser stat	Honey Well / Danfoss/ Siemens
6	Filters (Pre & Fine)	Thermadyne / Freudenberg / Camfil Farr / AAF/Dyna
7	Filters (HEPA)	Thermadyne / Freudenberg / Camfil Farr / AAF/Dyna
8	Minipleat HEPA Filters	Thermadyne / Freudenberg / Camfil Farr / AAF/Dyna
9	Duct Dampers	Thermadyne / Freudenberg / Camfil Farr / AAF/Dyna
10	Push button starter	Siemens / Tecknik / Schneider / L & T
11	Auxiliary Relays /Contactors	Oen / Omran / Ply
12	Line Type Fuse	Schneider / Siemens/ L & T
13	Timer	Schneider / Siemens/ L & T
14	Terminal Block	Connect well / Wago
15	Voltmeter / Ammeter	Automatic Electric / L&T/Siemens
16	Indicating lamps	Siemens / Tecknik / Schneider
17	Selector switches	Siemens / Salzer / Kaycee
18	ACB	ABB / Schneider / L&T / Siemens
19	MCCB	Schneider / Siemens/ L & T
20	Contactors	Siemens/ Schneider/ ABB/ L & T
21	Over Load Relays	Siemens/ Schneider/ ABB/ L & T
22	MPCB	Siemens/ Schneider/ ABB/ L & T
23	MCB	Siemens/Legrand/ Schneider

24	Cts	Kappa/ Control & Switchgear/ Automatic Electric
25	Meters	Enercon/ L&T / Automatic Electric
26	Low Voltage Switch gear	Siemens/ Schneider/ L & T
27	Contactora	Siemens/ Schneider/ L & T
28	KWH Meter (Electronics)	Siemens / Schneider/ L & T
29	Digital Load manager	Siemens / Schneider/ L & T
30	Smart Demand Controller	Siemens / Schneider/ L & T
31	Numerical Protection Relays	Siemens/ABB/ L & T
32	Protection relay	Siemens/ABB/ L & T
33	APFC Relay	Epcos / ABB
34	Breaker control switch	Siemens / Salzer / Kaycee
35	TTB	Simco/IMP/Cands
36	Auxiliary Relay	OEN / PLY / OMRAN
37	Current T/R	AE/G & M /KAPPA/KALPA
38	Control fuse fitting	Siemens/ Schneider/ L & T
39	Neutral Link	Cands / Reputed
40	Electronic Timer	Siemens/Schneider/ L & T
41	Contact Element	ESBEE/Siemens/Schneider
42	Push Button	Tecking/Siemens/Schneider
43	Control/Power Wire	Finolex / Polycab / Anchor
44	Terminal	Elemax / Connect well
45	Copper lug	Dowells / Jainson
46	Voltage monitor	Minilec / Conzerve
47	Bus bar	Jindal / Nalco / Indilco
48	Hooter	Triniti / Minilec
49	Annunciator	Minilec / Cands
50	Capacitor	Epcos / Schneider /ABB
51	Earth Leakage Relay	Prok Devices/Minilec
52	Surge Protection Device	Hager/Legrand/Siemens

53	Exhaust Fan	Crompton / USHA / Bajaj
54	Pump	XYLEM / Grundfoss/ Armstrong
55	Anchor, Fasteners	Hilti / Fisher
56	Expansion Bellows	Dunlop / Resistoflex
57	Variable Frequency Drive	Siemens / ABB / Danfoss
58	DP Switches	Honeywell/Siemen/Beck
59	Communication Cable	Finolex / Skytone / Fusion Polymers / Delton
60	Control Cable	Finolex / Skytone / Fusion Polymers / Delton
61	Conduits	Kalinga / BEC / AKG