

Details of the Tender specifications for the VRF AC and BoQ

Equipment Details			
SI No.	Item Description	QTY	UNIT
	Multi unit connectivity (i.e., One outdoor with Multiple Indoor)		
1	VRV/VRF Units <ul style="list-style-type: none"> • multiple Twin Rotary inverter compressor • vibration isolators • microprocessor based control panel • starter with starting arrangements • thermostats • isolators for outdoor unit • vibration isolators and • TOP discharge Condenser fans of following capacity 		
	Suitable for Operating at a 42 Deg C or higher ambient		
	Suitable to deliver the same cooling even at 42 Deg C without degradation in Capacity		
	Units are Supplied with Condenser Coil		
	Units are supplied with Fan motor.		
	Units are Supplied with Twin Rotary Inverter Compressor know as best in partial load		
2	24HP (12 + 12)	1	Nos
	Indoor Unit		
3	Large Cassette units 3 x 3 Size of capacities mentioned below. <ul style="list-style-type: none"> • Suitable for ceiling suspension • Washable filter • Electric motor • Blower with low noise level • Vibration isolators • Cooling coils, • Drain Pump microprocessor based control panel 		
a	2.6TR or equivalent	3	Nos
b	2.1TR or equivalent	6	Nos
c	1 TR or equivalent	3	Nos
4	Supply of Central Simple Controller for auto control and programming	1	No
5	Supply of Wireless Remote Control for Cassette Unit	12	Nos
6	Supply of Refnet joints with insulation	12	Nos

Low side work details			
SI No.	Item Description	QTY	UNIT
1	Lifting, Shifting, Installation, testing and commissioning of the of Outdoor Units with proper rubber pad and vacumizing the pipe with pressure testing and commissioning of the system		
a	24HP (12 + 12)	1	Nos
2	Lifting, Shifting, Installation, testing and commissioning of the supplied Caasette indoor unit and vacumizing the pipe with pressure testing and commissioning of the system		
	Cassette Unit		
a	2.6TR or equivalent	3	
b	2.1TR or equivalent	6	
c	1TR or equivalent	3	
3	Supply and Installation of Copper refrigerant piping complete with insulation and Proper piping supports (Clamping with Rubber Gasket)		
a	6.4mm dia with 13mm thick tubular insulation		Rmt
b	9.5 mm dia with 13mm thick tubular insulation	20	Rmt
c	12.7 mm dia with 13mm thick tubular insulation	24	Rmt
d	15.9 mm dia with 13mm thick tubular insulation	25	Rmt
e	19.1 mm dia with 13mm thick tubular insulation	19	Rmt
f	22.2 mm dia with 19mm thick tubular insulation	19	Rmt
g	28.5mm Dia, with 19mm thick tubular insulation	19	Rmt
h	34.9 mm Dia with 19mm thick tubular insulation	19	Rmt
i	41.3 mm ia with 19mm thick tubular insulation		Rmt
4	Supply and charging of additional gas if required - R410a gas - based on site condition	21	Kg
5	Supply and installation of communication shielded cable with PVC conduit between indoor unit and outdoor unit	100	Rmt
6	Supply of 3 core 2.5 Sqmm electrical cable from nearest point for Indoor unit	25	Rmt
7	Supply of 5 core 6 Sqmm electrical cable from nearest point for Indoor unit	5	Rmt
8	Supply and installation of condensate drain piping of complete with "U" trap, fittings and elbows from the indoor unit point to the nearest drain point.		
a	40mm Dia	RO	Rmt
b	25mm Dia	82	Rmt
9	Supply and installation of perforated cable Tray with Cap for exposed copper covering	35	Rmt
10	MS Stands for outdoor units (Required if Civil Pendastal is not provided)	2	Nos

11	Supply and Installation of filter Drier for suction line with Ball valve for additional safety of the unit	1	Set
12	Supply and Installation of Server Stabilizer if there is huge voltage fluctuation in electrical system	RO	Nos

The price for the equipment materials and the manual labor for installation should be indicated separately.