

Price Bid (Annexure-IV)

Sl. No	Description	Unit	Rate (Rs.)	Quantity
	AIR-CONDITIONING EQUIPMENTS :VRF /VRV			
1	Supply & Installation of VRF / VRV airconditioning system comprising of modular type high efficiency Inverter scroll compressors system suitable for R410a / R407c refrigerant, Air cooled propeller type condenser fan with DC motor drive, interconnecting piping, suction line insulation etc., Micro-processor control panel suitable for automatic operation, High speed calculation inverter control, active oil control mechanism incorporating all safety functions including the following-(12HP-4 Nos.)			
	The unit mouted starter panel complete with IP-55 protection consisting of power disconnecting switches with fuses, soft starters for compressor motors, under/ over voltage trip, single phase preventers, communication card which can accept 4-20 mA or 2-10 Vdc analog signal.			
	(All components shall be mounted on welded steel base frame, structural steel profiles/panels made out of galvanized sheet steel, protected with primary coat & finished with acrylic paint.)			
	Providing M.S. 'I' sections of suitable strength duly supported on the columns of the building structure for mounting of the units on the terrace(s) available at Seventh & First Floors including doing necessary masonry work for same.			
	Providing imported REF net joints to connect copper piping of the indoor unit onto the main circuit line.			
(a)	Outdoor Unit(ODU) Capacity : 12.0 HP	Nos		4
2	Supply, installation, testing and commissioning of Wall / ceiling Mounted type Indoor Unit with compact cooling coil, electronic expansion valve, multi speed fan motors, dynamically balanced blowers, built in drain pump, synthetic washable plasma media filter including insulation and suitable for remote control operation etc as required.			
(a)	1.5 TR Capacity - Cassette type (VRF Indoor Unit)	Nos		12
(b)	2.0 TR Capacity - Cassette type (VRF Indoor Unit)	Nos		4
3	Supply, installation, testing and commissioning of Cordless remote controller and system controller for units mentioned in item no 2 & 3 as required	Nos		16
4	Supply, installation, testing and commissioning of Variable refrigerant flow distribution couplings for refrigerant piping (Y - Branches)	Nos		17
5	SITC of the following sizes of hard / soft drawn copper refrigerant piping for interconnecting the indoor and outdoor units alongwith insulation of closed cell elastomeric nitle rubber (class O) for suction & discharge i/c pressure testing complete as required.			
(a)	19.1 mm OD(insulation 13mm thick)	Rmt		190
(b)	15.9 mm OD(insulation 13mm thick)	Rmt		160

Sl. No	Description	Unit	Rate (Rs.)	Quantity
(c)	9.5 mm OD(insulation 13mm thick)	Rmt		200
6	Supply and laying of Power, Control cable & communication cables of following sizes PVC insulated copper conductor cable between IDU&ODU.			
(a)	2c x 1.5 Sqmm	Rmt		350
(b)	4c x 1.5 Sqmm	Rmt		200
7	Supply & Installation of rigid CPVC drain piping of 20 mm Diameter including tees, elbows, bends, fittings etc. and insulated with 6mm thick sleeveless insulation of closed cell elastometric nitrile rubber with density not less than 80Kg / m ³	Rmt		250
8	Minor Masanory works like making holes/ openings for the refrigerant piping/ ducting etc., mounting arrangement for indoor units in the building and making good / finishing the same.	Job		1
9	Supply, installation, testing and commissioning of high wall type indoor units complete with three speed evaporator fan motor, fan, 3 row deep direct expansion cooling coil, electronic expansion valve, thermostat, fittings, cleanable fabric filter and insulated drain pan enclosed in plastic casing complete. All high wall type units shall be suitable for 220 ± 6% volts, 50 cycles, single phase power supply. high wall units shall be of following refrigeration capacities as listed and Cordless Remote. Units shall also be capable of handling sensible and latent load capacities as indicated in the tender.			
(a)	2 TR Capacity (VRF Indoor unit)	Nos		5
(b)	1.5 TR Capacity (VRF Indoor unit)	Nos		7
Total in figure (including all taxes but excluding service tax)				
Total in words (including all taxes but excluding service tax)				

Date & Signature, Name and Addr

N.B. In case there is any dispute, bids quoted in words will be final.

