

**STATE BANK OF INDIA
LOCAL HEAD OFFICE, GUWAHATI
PREMISES & ESTATE DEPARTMENT
GUWAHATI, ASSAM.
MAYANG BRANCH, MANIPUR**

BOQ for Air Conditioning Works for Shifting of Mayang Branch

S.No.	Specification/ Model	UOM	Qty.	Rate (Rs.) (Excl. GST)	Amount (Rs.) (Excl. GST)
A	VRF HIGH SIDE WORK				
1.0	Supply of 380- 415V - 3 Ph - 50 Hz +/- 10% Side Discharge Modular type Only cool Next Generation Variable Refrigerant Flow system, each Outdoor unit comprises of 100% Inverter Driven Hermatically sealed Scroll Compressors, air cooled condenser, protective coated fins heat exchangement Corrosion fin factory coated Propeller type Fan with motor, Specially designed ODU's with refrigerant cooled heat sink; Non-stop working at 56 deg. C. Outdoor with capable of working within Range of Voltage fluctuation from 380V to 420V, auto addressing setting, refrigerant cooled PCB, electronic expansion valve. Microprocessor Controller with R410A gas.				
a)	16.0 HP (IVRFB-18SCA) for Ground Floor	1	Nos.		
2.0	INDOOR UNIT				
	Supply of below mentioned capacities Cassette type, Hi wall type indoor air conditioners complete with evaporator coil, fan and fan motor, control panel as per specifications and drawings. Having				
a)	2.0 TR VRF 4 way Cassette Unit (VLC - 27) for Bank Hall Area	4	Nos.		
b)	2.8 TR VRF 4 Way Cassette Unit (VLC - 34) for Bank Hall area	2	Nos.		
3.0	Supply of Cordless Remote Controller	6	Nos.		
4.0	Supply of Refnet joints for indoor and outdoor units of suitable size as per requirement.	5	Nos.		
	TOTAL A (Excluding GST)		Rs.		
B	LOW SIDE WORK:				
5.0	Outdoor Units:				
	Supply , Installation, Lifting, Nitrogen testing, Vaccumation, Commissioning of below Mention INDOOR / OUTDOOR Units :				
a)	16.0 HP (Side Discharge)	1	Nos.		
6.0	Indoor Units:				
	Installation, Nitrogen testing and commissioning of below mentioned capacities VRF indoor units with Nitrogen flushing & pressure testing.				
a)	2.0 TR VRF 4 way Cassette Unit (VLC - 27) for Bank Hall Area	4	Nos.		
b)	2.8 TR VRF 4 Way Cassette Unit (VLC - 34) for Bank Hall area	2	Nos.		
7.0	Refrigerant Pipe Works:(For VRF)				
	Supply, Installation, Testing & Commissioning of mirror finish inside /outside refrigerant piping, including thermal insulation out of hard drawn copper pipes suitable for VRV/VRF system including all fittings like bends, elbows, tees with all internal joint type fittings. Pipe line must be tested for requisite pressure & must be supported at every 8 ft in intervals. All refrigerant piping to be insulated with 19 mm thick class "O" armaflex nitrile rubber. Complete copper piping with fitting to be coated with Blygold / Thermoguard. Also vendor to provide per meter running length cost of the suitable piping size cumulative- * Chiesling (Wall Openings, cut-outs, etc) Drain piping for AC units shall be included in the Piping Rates.				
a)	Suction Line with 19mm - 28mm Outer Diameter Nitral Insullation.	80	Rmtr		
b)	Discharge Line With 9mm - 15mm Outer Diameter Nitral Insullation.	80	Rmtr		
8.0	Drain piping:				
	Providing and fixing of Hard PVC drain water piping with fittings, support and insulated with 9mm thick closed cell elastomeric nitrile rubber insulation complete as per specifications.				
a)	UPVC Drain Pipe of 25mm	55	Rmt.		
9.0	Communication Cable:				
	Supply and laying, termination and commissioning of 1.5 sqmm 2 core shielded communication cable between Indoor unit and outdoor unit and for centralized remote control laid in PVC conduit.				
	2C x 0.75 Sq.mm	115	Rmt.		
10.0	Refrigerant- 410 A	12	Kgs		

11.0	Supply and fixing of Outdoor Structure to Provide Support the Outdoor Unit and entire commissioning and finishing the project	1	lot		
	TOTAL - B (Excluding GST)				
	TOTAL (A+B) (excluding GST)				
		Grand Total (Excluding GST)			