

## STATE BANK OF INDIA - JEEVAN BHEEMANAGAR BRANCH

SL. No	Description of works	UNIT	Qty.	Supply		Installation	
				Rate	Amount	Rate	Amount
1	VARIABLE REFRIGERANT FLOW SYSTEM ( VRF)						
	Supply Installation, testing and commissioning of Modulating outdoor units, with multi scroll compressors (minimum two compressors) with one capacity controlling compressor and other constant speed type compressor, special pre-coated fins, panel, inverter based condenser fan M.S. hot dip galvanized stands / supports, electrical & microprocessor panel, isolating valves and all the necessary accessories for proper functioning of the units as per the technical specification suitable for operation on R410A refrigerant , having following approximate capacities.( Rates Includes Shifting/Lifting,Crane arrangements, Installations as per site conditions including terrace height if required.						
a	61.5 KW (17.6 TR) Actual cooling capacity (22 HP )	No.	1				
2	Supplying, installing, testing and commissioning of 4 way/1way/2way cassette units the sizes of the cassette would be 258x840x840 and the unit should be complete with inbuild drain pump,controls, microprocessor,control panel,wiring,electronnic expansion controller etc.The unit shall be charged with R410 A refrigerant. The noise Level shall not be more than 55 DB(A) at normal operation measured horizontally 1m away and quantities are as indicated below.						
a	3.02KW cooling capacity( 1.0 TR) Hi wall unit 395 CFM(2x2)	Nos	2				
b	4.8 KW cooling capacity( 1.5 TR) cassette (3X3) 570 CFM	Nos	2				
c	6.4 KW cooling capacity ( 2.0 TR TR ) cassette (3X3) 790 CFM	Nos	2				
d	9.4 KW cooling capacity ( 3.0-3.2 TR ) cassette (3X3) 1185 CFM	Nos	3				
3	SIT&C of cordless remote controller	Nos	9				
4	Supply, Installation,Testing and commissioning of Refnuts joints,T joints of suitable sizes for the above system.						
a	Y joints/Refnutjoints	Nos	8				
5	Supply & Installation of MS fabricated Frame/ stand as per Out door units sizes and civil works for foundation/Pedestal works etc.	Nos	1				
6	Nitrogen preassuretesting & additional gas charging for the entaire length of copper pipe - Refrigerent R410 A environmental friendly refrigerent.						
a	61.5 KW (17.6 TR) Actual cooling capacity (22 HP )	LS	1				
7	Refrigerent piping for VRF unit						
	Supply, Installation,testing and commissioning of the Refrigerent copper piping with 13mm/19mm Nitral rubber insulation with UV white taape in sleeve from,The refrigerent piping shall be preassuretested 1.5 times the Running/working preassure. The piping shall be properly supported with bracket and supporting rods etc...						
a	41.3 MM with 19 MM Thick Insulation	RMT	0				
b	34.9 MM with 19 MM Thick Insulation	RMT	0				
c	28.6 MM with 19 MM Thick Insulation	RMT	25				
d	25.4 MM with 19 MM Thick Insulation	RMT	25				
e	22.2 MM with 13 MM Thick Insulation	RMT	30				
f	19.1 MM with 13 MM Thick Insulation	RMT	35				
g	15.9 MM with 13 MM Thick Insulation	RMT	40				
h	12.7 MM with 13 MM Thick Insulation	RMT	25				
i	9.5 MM with 13 MM Thick Insulation	RMT	45				
j	6.0 MM with 13 MM Thick Insulation	RMT	20				
8	Supply ,Installation of CPVC pipe with 6/8 MM Nitral rubber Insulation and fittings and necessary supports and fixing accessories etc...						
a	25 MM NB	RMT	30				
b	32 MM NB	RMT	30				
9	Control wiring						
	Control cabling from indoor to out door unit for all the units with necessary fittings. Thecable shall be FRLS whether proof type as most of the cabling shall be Lying in correct size condute pipe as per schematic series wise along with copper pipe.						
a	1.5 SQMM X 2 Core Shield cable	RMT	150				
10	Charges towards dismantling of split & cassette type Air conditioners	Nos	7				
11	Core cuttings if requires as per site conditions						
a	65 MM	NOS	1				
b	75 MM	NOS	1				
c	100 MM	NOS	1				
12	Existing DX units buy back offer( -ive value)	Nos	7				

GST AS APPLICABLE SHALL BE EXTRA