	OR VRV AIR CONDITIONING WORKS AT STATE BANK OF INDIA, REGIONAL BUSINESS C	PFFICE-IV	I, AT JAL	LANDIIAN.,	(PB.)
ADT	A : Supply of Multi V-5 VRF Airconditioning system (equipments)				
	Item	Otv	Unit	Rate	Amoun
A A	Variable Refrigerant Volume System	Qty.	Onit	Kate	Amoun
	Supplying, installation, testing and commissioning of Air Cooled VRV/VRF units with		1 1		
	scroll Compressor capable of modulating capacity i.e. it should be able to vary				
	speed of the compressor as per the varying load conditions and works on R410A				
	with heating & cooling both. The outdoor unit shall be a factory assembled unit				
	housed in a sturdy weather proof casing constructed from rust-proofed mild steel				
	panels coated with powder coated finish.The outdoor unit shall have scroll				
	compressors and be able to operate even in case of breakdown of one of				
	compressor. Each unit shall be equipped, with an oil separator to ensure stable				
	operation with long refrigerant piping etc. Condensor Shall have with Hydrophlic				
	Coating and Corrision Resistance Coating.				
	Outdoor Unit		t		
	Supplying Gas charged outdoor units equipped with highly efficient scroll				
	compressors, with all Inverter Scroll type compressor(s), special acryl pre-coated				
	heat exchanger, low noise condenser fan, auto check function for connection error				
	etc, centralized controller for individual control complete as per OEM specifications				
	of Following Capacity. (Chinese Manufacturing MAchinery is not Acceptable)				
	Out Door Unit - 52 HP Top Discharge (20 HP + 16 HP + 16 HP)	1	Nos.		
	ODU Connecting KIT	1	Nos.		
В	Supply of Indoor Units:		 		+
	1 Way Cassette Type Unit - 1.02 TR	5	Nos.		
	1 Way Cassette Type Unit - 1.60 TR	2	Nos.		
	4 Way Cassette Type Unit - 2.50 TR	14	Nos.		
С	Supplying of Imported fittings (Ref Net) Y-joints etc as per specifications as required complete in all respects.	20	Nos.		
	Supplying of Cordles Remote with IR Reciver regd. to operate the indoor Hi-wall &		 		+
D	Cassette units as per specification mentioned in the bidding document and as per	21	Nos.		
	standard guidelines etc. as required.				
	Total PART A				
ART I	3: Supply, Installation, Testing and Comissioning of Centralised Air-conditioning syst	em as p	er specifi	cations and	d drawings
	Installation , testing and commissioning of Air-cooled type airconditioning VRV				
1	outdoor condensing units with MS Stand ,Gas Charging,Vaccumisation and Pressure				
	testing.		\sqcup		_
	Out Door Unit - 52 HP Top Discharge (20 HP + 16 HP + 16 HP)	1	LS		
2A	Installation , testing and commissioning of indoor units as per BOQ		\vdash		
	1 Way Cassette Type Unit - 1.02/1.60 TR	7	Nos		
	4 Way Cassette Type Unit - 2.50 TR	14	Nos		
	Supplying, installation, testing and commissioning of following sizes of refrigerant				
	copper piping work with 19/13mm thick closed cell elastomeric nitrile rubber				
3	tubular insulation between each set of indoor and outdoor units as per specifications duly painted with protective ultra violet paint complete as required.				
	All piping works inside the class room shall be duly supported with MS hangers and				
	' ' ' -				
	Iclamps.				
	clamps. 41.3mm outer dia (insulation 19mm)	10	Mtrs.		1
		10 5	Mtrs.		

	22.2mm outer dia (insulation 19mm)	10	Mtrs.	
	19.1mm outer dia (insulation 19mm)	15	Mtrs.	
	15.9mm outer dia (insulation 13mm)	70	Mtrs.	
	12.7mm outer dia (insulation 13mm)	35	Mtrs.	
	9.5mm outer dia (insulation 13mm)	70	Mtrs.	
	6.4mm outer dia (insulation 13mm)	30	Mtrs.	
4	Supply and installation of GI tray of following sizes including horizontal and vertical bends, cross member with suitable hangers and supports complete as required.			
	150mm (wide) x 50mm(depth) x 1.6mm (thick)	20	Mtrs.	
5	Supplying, installation, testing and commissioning of following sizes of rigid PVC piping complete with elbow T-joint, socket duly supported as per specifications and insulated with 6mm thick closed cell nitrile rubber insulation.			
	25 mm	100	Mtrs.	
	32 mm	40	Mtrs.	
6	Supply, Installation, Testing and Commissioning of control cum transmission wiring of 2 corex1.25 sq mm copper wire in suitable PVC conduits between indoor & outdoor units to central remote controllers & for connections between indoor unit to outdoor unit	300	Mtrs	
7	SITC of MS Stand for VRF Outdoor Units	3	Nos.	
8	SITC of Additional Gas Charging R410A	1	Lot	
	Total PART B			
PART (: Credit of Old Ductable Ac Units			
	CREDIT OF OLD DUCTABLE AC UNITS			
1	Dismentling and Lifting of OLD Ductable AC units including indoor and outdooe GI Ducting, Cutting of MS Pipe, and dismentling from existing system.	1	Lot	
	8.5 Ton	2	No's	
	11.0 Ton	2	No's	
	Total PART C			

Total (B-C)	

TOTAL PART A + PART (B-C)

SIGNATURE OF CONTRACTOR