

<b>PRICE BID FOR AIRCONDITIONING WORK OF JADHAV WADI HARSHOOL BRANCH, AURANGABAD</b>					
<b>Sr. No.</b>	<b>Particulars</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>A</b>	<b>MACHINES MAKE: Hitachi/Carrier/Daikin/ Toshiba/Bluestar / Mitshibushi Make ( No Hitachi Logicool Series , No Carrier Midea Series)</b>				
<b>1</b>	Outdoor Units (VRF V Plus ) S.T.C. 26HP TOP DISCHARGE-High -Efficiency DC Inverter Compressor, Low Starting Current, Stepless Capacity Control with DC motors, Wide Operating Temp.range, Low Noise Design, Intelliegnty Temp.Control. Electrical Details: 380-240 Volts, 3Phase, 50Hz AC.				
<b>1.1</b>	10 HP	1	NOS		
<b>1.2</b>	16 HP	1	NOS		
<b>2</b>	INDOOR UNITS S.T.C. Indoor Large Cassette/ High Wall Units(Suitable for Grid ceiling, DC Inverter motor with speed Control for low noise, Auto Quiet mode also possible through CORDLESS remote, In-built drain pump with 1m lift, very flexible installation even with deep ceiling beams. Electrical. Details: 220-240V,1phase,50Hz AC				
<b>2.1</b>	High Wall units 1.0 TR (Mc-2)	2	NOS		
<b>2.3</b>	Cassette units 3.0 TR ( Mc-1)	4	NOS		
<b>2.4</b>	Cassette units 2.0 TR (Mc 2)	3	NOS		
<b>3.0</b>	Refnet Joints with insulation and installation as per OEM Standard installation	12	NOS		
<b>Sub Total Of Part-A</b>					
<b>B</b>	<b>INSTALLATION PART</b>				
<b>1</b>	<b>Outdoor Unit</b>				
	Installation, Testing and Commissioning of 40 HP Out Door Units for VRF / VRV System. Price shall inclusive of Refrigerant charge, lifting shifting of OUT DOOR VRF UNITS, and other necessary accessories Pressure Testing, Nitrogen flushing, gas charging (R410A), testing & commissioning of the air- conditioning system. It should be as per standard procedure of OEM and the same to be certified by OEM before submitting the Final Bil. Rates are inclusioive of additional gas topup R-410 gas.				
<b>1.1</b>	10 HP	1	NOS		
<b>1.2</b>	16 HP	1	NOS		
<b>2.</b>	<b>4-way Cassette Type Indoor Units</b>				

	Installation, Testing and Commissioning of Indoor Units suitable for VRF / VRV System. Costs shall include hanging / mounting arrangements for the respective IDUs and shall also include for CORDLESS remote controllers near respective units and lifting shifting, erection of IN DOOR VRF units.				
2.1	Cassette units 1 TR	2	NOS		
2.2	Cassette units 3.0 TR	4	NOS		
2.3	Cassette units 2.0 TR	3	NOS		
<b>3.</b>	<b>REFRIGERANT PIPING FOR VRF</b>				
4.1	Providing & Fixing Coppeer piping - Suction and Liquid Line as per the Standard requirement of OEM. Suction line should be insulated with insulation – 19 mm thick nitrile rubber insulation and Liquid line should be insulated with insulation – 13 mm thick nitrile rubber insulation. The measurement will be taken only single line which includes suction and liquid line.	75	mtrs		
<b>5.</b>	<b>CONTROL CABLING FOR VRF</b>				
	Supply, installation, testing & commissioning of 650 Volts grade for Control / Communication i/c providing and laying of 20 mm ISI marked medium class PVC conduit on surface / recess, cutting the wall and making good the same so as to match with the original finish, where ever required etc. as .The control cabling from indoor to outdoor unit & from Outdoor to central controller 2 CORE X0.75 SQ MM SHIELED COMMUNICATIO CABLE.	95	mtrs		
<b>6.</b>	<b>DRAIN PIPING FOR VRF AC UNIT</b>				
	Drain water piping work out of PVC/HDPE 25 /35MM hard pipes covered with Hilton insulations, complete with fittings, bends, elbows, tees flanges, tappings, wall sleeves, hangers, supports, anchors <u>NOTE- Drain piping for 1.5/1.0TR Hi wall type unit will be measured beyond 5mtrs of each unit</u>	110	mtrs		
<b>7.</b>	<b>Fresh air with cowl WITH FAN HAVING 500CFM</b> Providing Fresh air opening in wall with PVC pipe, cowl lovuers and all required accessories etc. The fresh air to be provided only in closed ceiling.	3	Nos.		
<b>8.</b>	<b>GI CABLE TRAY 300mm wide,22swg</b>	25	mtrs		
<b>9.</b>	<b>CONDENSING UNIT STANDS FOR VRF &amp; SPLIT AC UNIT</b>				
	Supply and installation of condensing units stand on roof level to install the condensing units 300 mm above roof finish floor. Condensing units stand should be manufactured out of heavy gauge MS channel frame work and painted with 2 coats of epoxy primer & 2 coats of anticorrosive paint with epoxy painting, vibration isolating pads, supports, hangers, railing, brackets etc. suitable for the above VRF &SPLIT AC units.				
9.1	10HP VRF OUT DOOR	1	No.		
9.2	16HP VRF OUT DOOR	1	No.		

11.	<b>Core Cutting</b> Providing and making necessary core cutting after necessary approval from the Bank as per site condition. The same is to be packed with cement mortar after laying the pipes/elec. cable & drain with necessary MS plates to avoid entry of rates.	2	no.		
12	Removing & shifting and reinstallation of old high wall 1.0/1.5 TR AC unit from old/existing branch premises. Rates are inclusive of reinstallation of the same indoor & outdoor unit at different location with frame and refilling of gas, necessary related hardwares including all accessories. New copper tubing & power cabling will be paid extra as per tender rates.	3	NOS		
<b>Sub Total Of Part-B</b>					
<b>SECTION-C</b>					
	<b>BUY BACK OF OLD SPLIT AC UNITS-13 NOS ALONG WITH OLD COPPER TUBINGS</b>	1	LOT		
	<b>PART D- ANNUAL MAINTENANCE CONTRACT (starting after expiry of warranty period from date of successful commissioning)</b>				
	AMC Charges for 1 <sup>st</sup> Year	1			
	AMC Charges for 2 <sup>nd</sup> Year	1			
	AMC Charges for 3 <sup>rd</sup> Year	1			
	AMC Charges for 4 <sup>th</sup> Year	1			
	AMC Charges for 5 <sup>th</sup> Year	1			
	<b>PART-D TOTAL</b>				
	<b>SUMMARY</b>				
	PART-A SUPPLY OF MACHINES				
	PART-B INSTALLATION OF MACHINE				
	PART-C BUY BACK VALUE OF OLD SPLIT ACS (Inclusive of GST)				
	PART-D ANNUAL MAINTANANCE CONTRACT				
	<b>Grand Total (A+B-C) + D) (Exclusive of GST)</b>				

		<b>Seal &amp; Signature of contractor</b>			