

**BILLS OF QUANTITIES FOR AIR CONDITIONING WORK OF STATE BANK OF INDIA,
AT LODHIKA BRANCH**

S.NO.	ITEM DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
PART- I : AC MACHINE					
1	Supply of 2.0 TR Hiwall split unit Hitachi/Carrier/ Daikin/ Toshiba Make (No Hitachi Logicoool Series) (3 STAR, BEE rating wef 1-1-18). Machine shall have copper condensor Unit [For Banking Hall and Field Room]	2	No		
2	Supply of 1.5 TR Hiwall split unit Hitachi/Carrier/ Daikin/ Toshiba Make (No Hitachi Logicoool Series) (3 STAR, BEE rating wef 1-1-18). Machine shall have copper condensor Unit [For Banking Hall and Field Room]	2	No		
3	Supply of 1.0 TR Hiwall split unit Hitachi/Carrier/ Daikin/ Toshiba Make (No Hitachi Logicoool Series) (3 STAR, BEE rating wef 1-1-18). Machine shall have copper condensor Unit [For Banking Hall and Field Room]	3	No		
	TOTAL FOR PART -I (Machine part)				
PART- II : LOW SIDE WORK					
1	Installation of IDU & ODU of 1.50TR Hiwall split unit with first oil & gas charge & commissioning etc. (Including 5 meter free insulated copper tube & electrical cable for indoor to Out door unit).	7	No.		
2	Removing and Reinstallation charges for existing 1.00 TR High wall mounted split A/C at new location including connection servicing & gas filling complete as directed.[Entire new copper piping and drain shall be paid as per item No 3] Shifting Existing Premises including indoor and outdoor with MS stand etc complete as directed	2	No.		

S.NO.	ITEM DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
3	Referigerant piping - insulated 0.80mm wall thicknees copper tube of Totalline/ Mandav make only between indoor to out door unit beyong 5 Rmt dist. Of 1.0 / 1.5 TR / 2.00 TR Hiwall split unit with 2.5 Sqmm 3 Core copper flexible cable of Finolex/ R R Kable /Havells/CEI make [FRL'S) . The copper piping shall be insulated with 6 mm thick Nitrite rubber insulated of 'O' Class of K Flax/Armaflex/ Superlon Make. Photograph of Copper Piping With cross section photo of Piping need to be attached with bill.	35	Mtr		
4	25/32 mm Dia UPVC drain pipe with insulation of Dutron/Supreme/Astral make - schedule 40 pipe, white in colour, joint properly glued with UPVC adhesive for water outlet from indoor unit.	30	Mtr		
5	Misc. civil work like wall opening to pass ducts & pipes, plastering and refinishing of the same to the original finish as per the site.	1	LOT		
6	Providing, Fabricate and Fixing M.S stand for keeping outdoor unit of Split A/C. with M.S cage for locking of outdoor unit of Split A/C. including painting [Drawing shall be provided to L1 Bidder).	6	nos		
	TOTAL FOR PART -II (Low Side Work)				
7	Buy Back of Old Split AC 1.5 Tr.	5	nos		
	TOTAL FOR PART -III (Buyback)				
	TOTAL FOR PART (I + II - III) (Machine & Low Side Work - Buyback)				
	+ GST APPLICABLE				
	Note:				
1	ALL RATES SHOULD BE INCLUDE OF ALL TAXES [EXCLUDING GST] GST paid extra as per Applicable Norms				
2	1 Year of M/C warranty with 4 free services and 5 year warranty for compressor shall be provided by the supplier.				
3	Only 1 single order will be placed for both supply & installation work.				

S.NO.	ITEM DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT
4	Rate quoted in the tender should be for 3 star rating machines with copper condenser unit for 1 & 1.5 tonnes & 2 Tonnes. star rating for casset unit shall be as per BEE 2018				
5	The Standard installation charges for the high wall split A.C unit shall include 5 meter Each of Refrigerant pipe & Electrical Wiring [Copper and Electric cable total length for all new AC machines shall be measured and standard Length for all the new AC machines shall be deducted and difference shall be paid] Rate includes Removing of existing Split AC & Copper & Drain Pipeing in above recpeted items				
6	The Entire Job Shall be Excuted in Total Co. Ordination with the Other Agencies Working on this Project more particulary with the False Ceiling and Electrical work. <u>IF THE CONTRACTOR HAS NOT CARRIED OUT AIR CONDITIONING WORK AS PER STANDARD SPECIFICATION THEN CONTRACTOR IS LIABLE TO REMOVE AND REWORK AS PER STANDARD SPECIFICATION AND WHATEVER THE DAMAGE IN CONNECTION WITH CIVIL/ FURNITURE/ ELECTRICAL WORK WILL BE BEAR BY CONTRACTOR. IF CONTRACTOR WILL NOT DONE REWORK THEN WHATEVER BEEN THE COST FOR REWORK WILL BE DEDUCTED FROM CONTRACTOR'S BILL.</u>				
7	Electrical Cable (FRLS of Finolex/ KEI/ RR Kable/Havells/ Polycab)				
8	The contractor will attend to all defects noticed during defect liability period. Within 24 hours from the time of complain If the contractor fails to attend to the defects within 24 hours time these defects will be rectified by the Bank and the expenditure incurred on this account will be recovered from security deposit, or any other money due on to time.				