

BOQ OF H.V.A.C. OF WORK FOR SBI MADIPUR BRANCH DELHI.

S. NO.	ITEM DESCRIPTION	UNIT	QTY.	DATED : -	
				RATE	AMOUNT
A	SPLIT/ CASSETTE TYPE AIR CONDITIONERS				
1	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Toshiba/ O-General/ mithsubishi/Bluestar/daiken/ LG/ Carrier) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (All coils – copper only) , fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R-410. All complete as per drawing, approval and instructions of the Architect/ Employer. Item to include powder coated outdoor stands as per the manufacturer specifications.(Rates to be inclusive of Copper refrigerant pipe with insulation up to 3 Mtr length only for Each split AC Unit) Note: All Outdoor Should be design at least 45 degree as per ambient temperature.				
a	1.0 TR split AC 5 star rating inverter type including all necessary fittings and mountings as specified by the manufacturer	Nos.	2.00		
b	1.5 TR split AC 5 star rating inverter type including all necessary fittings and mountings as specified by the manufacturer	Nos.	1.00		
c	2.0 TR Cassette AC Ceiling suspended Cassette minimum 3 star rating inverter type with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	2.00		
d	3.0 TR Cassette AC Ceiling suspended Cassette minimum 3 star rating inverter type with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	2.00		
e	4.0 TR Cassette AC Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	0.00		
2	EXTRA REFRIGERANT PIPING				
	Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0/1.5/ 2.0 TR Split type AC and 2.0 TR/ 3.0 TR/4.0 TR Cassette AC - From Indoor to outdoor Units (make as approved by Architect/ Bank)				
a	For 1.5 TR/ 1.0 TR Split AC as specified by the manufacturer	Mtr.	35.00		
b	For 2.0TR/3.0 TR/ TRCassette as specified by the manufacturer	Mtr.	50.00		
3	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer (make as approved by Architect/ Bank).				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	25.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	50.00		

4	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 6" c/c welded with 40 X 3 mm MS flat all- round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
a	For 1.0/ 1.5/ 2.0 TR Hi Wall split units	Nos.	3.00		

b	For 2.0/ 3.0/4.0 TR TR ceiling mounted cassette unit	Nos.	3.00		
5	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0/1.5 TR Split type AC (make as approved by Architect/ Bank).	Mtr.	30.00		
6	Supplying and laying of Extra Electrical interconnecting control cables from indoor to outdoor of size as specified by the manufacturer suitable for 2.0T/ 3.0T /4.0 TR Cassette type AC (make as approved by Architect/ Bank).	Mtr.	55.00		
7	Supplying, installation and commissioning of voltage stablizer of range 170-280 V for Acs (V-guard/ Livguard/ Kirnotics make as approved by Architect/ Bank).				
	For 1.0 / 1.5 Tr. Wall mount (4 Kva)	Nos.	3.00		
8	Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER of required capacity to run A.C. alternately (MDS/ L&T/ make as approved by Architect/ Bank).	Nos.	1.00		
9	Supplying, installation and commissioning of Drain Pump of required capacity to Drain out the water from indoor.	Nos.	0.00		
	TOTAL				
SUMMARY					
				TOTALH.V.A.C. Work	
				G.ST%	
				GRAND TOTAL SAY RS.	
(Note : Tax should be paid extra as applicable)					
		Authorised Registered Signature			
	Pages :				
	Place :				
NOTES-					
* Material should be disposed off within 24hours.					
*Shifting of office table and furniture etc. during the concurrence of work will be in scope of the Contractor.					
* Green safety net to be installed by the contractor on external facade from top to bottom without any additional cost.					
* Wherever required, the contractor will provide temporary plywood partition inside the premises for separating office area from area of repair without any additional cost.					