

**STATE BANK OF INDIA
LOCAL HEAD OFFICE, GUWAHATI
PREMISES & ESTATE DEPARTMENT
GUWAHATI, ASSAM**

AIR CONDITIONING BOQ FOR SBI SMECC, GUWAHATI

S. No.	Description	Unit	Qty.	Rate (Excl. GST)	Amount (Excl. GST)
1	SPLIT TYPE AIR CONDITIONERS				
1	Supplying, erection, testing and commissioning following wall mounted split / roof mounted cassette units (only cooling) of (Toshiba/ Mitsubishi/ Hitachi/ Daikin / O-General / Voltas / LG / Blue-star) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (evaporator coil – 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.				
1a	1.0 TR wall mounted split unit (5-Star rating inverter type) (only cooling) including all necessary fittings and mountings as specified by the manufacturer.	nos.	1		
1c	2.0 TR Cassette AC (single phase-5 star) Ceiling suspended Cassette type split unit with 4 way/ round air flow Cooling only including all necessary fittings and mountings as specified by the manufacturer.	nos.	2		
1d	3.0 TR Cassette AC (single phase-5 star) Ceiling suspended Cassette type split unit with 4 way/ round air flow Cooling only including all necessary fittings and mountings as specified by the manufacturer.	nos.	1		
1e	4.0 TR Cassette AC (single phase-5 star) Ceiling suspended Cassette type split unit with 4 way/ round air flow Cooling only including all necessary fittings and mountings as specified by the manufacturer.	nos.	12		
2	REFRIGERANT PIPING				
	Supplying and laying of copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0 TR/ 2.0 TR Split type AC and 2.0 TR/ 3.0 TR/ 4.0 TR Cassette AC (From Indoor to outdoor Units). Copper pipes dia & thickness to be as per mentioned in the legend / specified by the manufacturer of the AC unit.				
2a	For 1.0 TR. 1.5 TR & 2.0 TR Wall mounted SPLIT AC as specified by the manufacturer	Mtr.	12		
2b	For 2, 3, 4 TR ceiling mounted Cassette AC unit as specified by the manufacturer (3/8", 1/2", 5/8", 3/4", 7/8" as mentioned in legend) and thickness of copper pipes to be of 0.89 mm, 1.07 mm, 1.14 mm as mentioned in legend.	Mtr.	435		
3	DRAIN PIPING				

S. No.	Description	Unit	Qty.	Rate (Excl. GST)	Amount (Excl. GST)
	Providing and fixing drain piping up to drain as directed by the engineer in charge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiselling 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.				
3a	32 mm Dia PVC drain pipe for Cassette AC	Mtr.	233		
4	Providing and fixing Stabilizer with 3 step relay and input voltage range of 140-280 V and output to be 230 V (Blue bird/ Logic state/ Inline/ V-guard / Microtek) (copper winding).				
4a	4 KVA (For 1.0/ 1.5 TR Split AC)	Nos.	1		
5.1	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 2.0 / 3.0 / 4.0 TR single phase AC type {4.0 sq. mm (4 core) copper cable or heavier as specified by the manufacturer's technical manual} (for Ceiling mounted cassette units). Note : power connection for outdoor unit / indoor unit (as per manufacturer's specification) will be provided by electric contractor as per electric tender. Location of power supply point to be co-ordinated as per drawing between the electric contractor & HVAC contractor.	mtr.	522		
5.2	Same as above but {2.5 sq. mm (4 core) copper cable or heavier as specified by the manufacturer's technical manual} (for Wall mounted Split AC units).	mtr.	14		
6	Supply & fixing of condensate (self-priming & reciprocating type) drain pump of capacity 20 Ltr./ Hour. Low and high level cut off and over flow alarm.	each	1		
TOTAL AMOUNT (EXCL. GST)					