

STATE BANK OF INDIA					
BOQ FOR PROPOSED HVAC WORKS OF RBO LOCATED AT SBI MAIN BRANCH, ALIGARH					
S. No.	Description	Unit	Qty.	Rate	Amount
	<b>SPLIT TYPE AIR CONDITIONERS</b>				
1	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units ( <b>only cooling</b> ) of (Toshiba/ Mitsubishi/ Hitachi/ Daikin / O-General/voltas/ carrier/ Bluestar or equivalent) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with ( <b>evaporator coil – copper only</b> ), 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. <b>Item to include powder coated outdoor stands as per the manufacturer specifications.</b>				
a	1.0 TR wall mounted split unit ( 5-Star rating inverter type) ( <b>only cooling</b> ) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3.00		
b	1.5 TR wall mounted split unit (5-Star rating inverter type) ( <b>only cooling</b> ) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3.00		
c	2.0 TR wall mounted split unit (5-Star rating inverter type) ( <b>only cooling</b> ) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	2.00		
d	2.0 TR Cassette AC (single phase-5 star rating inverter type) 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.	9.00		
2	<b>REFRIGERANT PIPING</b>				
	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/ 4.0 TR Cassette AC (From Indoor to outdoor Units).				
a	For 1.0 TR. 1.5 TR & 2.0 TR Wall mounted SPLIT AC as specified by the manufacturer	Mtr.	36.00		
b	For 2 TR ceiling mounted Cassette AC unit as specified by the manufacturer	Mtr.	81.00		
3	<b>DRAIN PIPING</b>				
	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.				
a	25 mm Dia PVC drain pipe for Split AC	Mtr.	35.00		
b	32 mm Dia PVC drain pipe for Cassette AC	Mtr.	86.00		
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-gourd) (copper winding).				
a	4 KVA (For 1.0/ 1.5 TR Split AC)	Nos.	6.00		
b	5 KVA (For 2.0 TR Split AC)	Nos.	2.00		
5	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 @ 5" 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.	8.00		
b	For 2TR Ceiling mounted cassette unit	Nos.	9.00		
6	Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0 TR/ 1.5 TR/ 2.0 TR single phase AC type ( <b>Wall mounted Split &amp; Ceiling mounted cassette units</b> ).	Mtr.	130.00		
7	Providing & fixing of <b>MS Frame work</b> (through MS equal angle section - minimum section size of 50X50X3.2 thk. & all other associated items for making & fixing the fame work) including painting the sections with zinc primer & 2 coats of black enamel paints; for fixing the cassette unit at ceiling level (as per design), considering existing stone slab roof at site, all complete as per site condition, ensuring full safety & functionality to users.	each	8.00		
	<b>TOTAL</b>				
The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra					