

BILL OF QUANTITIES OF AIR CONDITIONING WORKS FOR SBI BRANCH AT RAIPUR DEHRADUN					
S. No.	Description	Unit	Qty.	Rate	Amount
	<b>SPLIT/ CASSETTE TYPE AIR CONDITIONERS</b>				
<b>1</b>	Supplying, erection, testing and commissioning following wall mounted Split/ Root mounted cassette units of (Toshiba/ Mitsubishi/ Hitachi/ O-General/ Bluestar /Voltas/ Carrier) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with <b>(All coils – 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.(Rates to be inclusive of Copper refrigerant pipe with insulation up to 3 Mtr length only for Each split AC Unit)</b>				
<b>a</b>	2.0 TR Cassette <b>AC inverter type</b> Ceiling suspended Cassette with 4 way/ round air flow including all necessary fittings and mountings as specified by the manufacturer	Nos.	1.00		0.00
<b>b</b>	3.0 TR Cassette <b>AC inverter type</b> Ceiling suspended Cassette with 4 way / round air flow including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3.00		0.00
<b>2</b>	<b>EXTRA REFRIGERANT PIPING</b>				
	Supplying and laying of Extra copper refrigerant piping with O class nitrile rubber insulation with pipe , 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 - <b>From Indoor to outdoor Units</b> (make as approved by Architect/ Bank)				
<b>a</b>	For 1.5 TR/ 1.0 TR Split AC as specified by the manufacturer	Mtr.	70.00		0.00
<b>b</b>	For 2.0 TR/ 3.0 TR Cassette as specified by the manufacturer	Mtr.	60.00		0.00
<b>3</b>	<b>DRAIN PIPING</b>				
	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).				
<b>a</b>	25 mm dia PVC drain pipe for Split AC	Mtr.	50.00		0.00
<b>b</b>	32 mm dia PVC drain pipe for Cassette AC	Mtr.	55.00		0.00
<b>4</b>	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.				
<b>a</b>	For 2.0/ 3.0 /4.0 TR ceiling mounted cassette unit	Nos.	4.00		0.00
<b>5</b>	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 with 2mm Thik FRLS Conduit and all other accessories etc. All complete as per approval and instructions of the Architect/ employer. (make as approved by Architect/ Bank).	Mtr.	130.00		0.00
<b>6</b>	Reinstallation, testing & Commissioning of Existing/ provided by the Bank high wall split Acs (Indoor, & outdoor) Including Refrigerant gas filling, Servicing, cleaning etc, voltage stabilizer if present, as per drg. Or as directed by the engineer incharge				
<b>6.1</b>	Split AC 1.5 TR. ( Branch Mgr. Cabin & Banking Hall Etc. )	No	7		0
<b>SALVAGE /BUY BACK ITEMS AIR CONDITIONING</b>					
	<b>SALVAGE:- Dismantling and removal of all existing Control wires, cable, conduits, Grills, Diffuser, Ducts, Machines etc. including making the area free fom all debris and complete site clearance to receive new works all complete as per the instructions of Bank's Engineer/ Architect</b>				
<b>1</b>	1.5 TR Split AC with Outdoor (Reserve Price – Rs.5500.00)	No	-5		0
<b>TOTAL FOR AIR CONDITIONING WORKS</b>				<b>RS.</b>	<b>0.00</b>
Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra					