

**TENDER SCHEDULE OF AIR CONDITIONING WORKS AT THE PREMISES OF SBI  
TIRUR BRANCH, MALAPPURAM**

		Unit	Qty	Rate	Amount
1	Supply of <b>8.5 / 8.75 TR</b> Air cooled ductable ceiling suspended split air conditioner. The Indoor unit shall contain blower fan, blower Motor, DX coil, Micro processor based controller. Outdoor Unit with single scroll compressor, condenser coil, condenser fan motor with fan leaves, service valves for suction and liquid lines, drier, electrical controls like thermostat, overload protector for compressor, single phase preventor, HP/LP cut out, micro processor based on / of switches including cost of refrigerant etc. complete.	Nos.	3		
2	Supply of <b>11 TR</b> Air cooled ductable ceiling suspended split air conditioner. The Indoor unit shall contain blower fan, blower Motor, DX coil, Micro processor based controller. Outdoor Unit with single scroll compressor, condenser coil, condenser fan motor with fan leaves, service valves for suction and liquid lines, drier, electrical controls like thermostat, overload protector for compressor, single phase preventor, HP/LP cut out, micro processor based on / of switches including cost of refrigerant etc. complete.	No.	1		
3	Supply of all materials Installation, Pressure testing, vaccumising and commissioning of the above a/c plants	Nos.	4		
4	Supply and laying of hard drawn copper pipe of various dia for refrigerant between Indoor Unit and Outdoor Unit of <b>8.5/8.75 TR</b> AC Unit (Pipe size as per manufacturers standards)				
	a) Suction Line with 13mm thick closed cell electro metric insulation online	M	50		
	b) Liquid Line	M	50		

5	<p>Supply and laying of hard drawn copper pipe of various dia for refrigerant between Indoor Unit and Outdoor Unit of <b>11 TR AC Unit</b> (Pipe size as per manufacturers standards)</p> <p>a) Suction Line with 13mm thick closed cell electro metric insulation online.</p> <p>b) Liquid Line</p>	M	20		
6	<p>Supply, fabricating, handling and erection of GSS ducting as in machine fabricated rectangular sections as required at site complete with all fittings such as Tee bends special off – chutes, turning vanes, splinter dampers, insulated doors, transformation pieces etc. as per IS 655 including suspension and supporting arrangement for plenums, ducts complete as required</p>				
	a) 24 SWG	Sq.m.	140		
	b) 22 SWG	Sq.m.	40		
7	Supply and installation of digital timer for the alternate operation of air conditioners in the server room.	No.	1		
8	Supply, installation and balancing of powder coated extruded aluminium grills for supply and return air with volume control damper.	Sq.m.	8		

9	Acoustic Insulation - Supply and fixing of 10mm thick acoustic insulation with adhesive as per the recommendation of the manufacture with density 140-180kg/m3	Sq.m.	40		
10	Thermal Insulation-Supply and installation of 9mm thick nitrile rubber insulation with adhesive as per the recommendation of the manufacture with density 45-55kg/m3	Sq.m.	130		
11	Supply and laying of power and control wiring between indoor and outdoor units of the AC plants.	M	100		
12	Supply and installation of MS fresh air cowls and bird screen	Nos.	2		
13	Fabrication and installation of MS angle frame work for support of outdoor units for ductable AC units including vibration isolators	Nos.	4		
14	Canvass connection of fire retardant quality for connecting the indoor unit to ducting / plenum	Nos.	4		
15	Supply and laying of water drain piping of 25mm dia PVC pipe with thermal insulation and trap in the outlet of the indoor units with all fittings.	M	100		
16	Supply and installation of volume control dampers.	Nos.	4		
17	Supply and installation of 1 TR 3 star rated HWM split ACs with fully copper condensing unit, with copper piping up to 5 meters.	Nos.	3		
18	Supply and installation of 4 KVA wide range TD start voltage stabilizer.	Nos.	3		
19	Supply of outdoor support stand for condensing units of the HWM 1TR split	Nos.	3		

	ACs.				
20	Supply and installation of 2 TR inverter 3 star rated HWM split ACs with fully copper condensing unit, with copper piping up to 5 meters (Supply as per site condition)	Nos.	3		
21	Supply and installation of 5 KVA wide range TD start voltage stabilizer.	Nos.	3		
22	Supply of outdoor support stand for condensing units of the HWM 2TR split AC unit.	Nos.	3		
23	To and fro refrigerant copper piping with necessary insulation and control wiring for the above 1TR / 2TR Split AC units (for extra piping)	Mtrs.	40		
24	Charges for dismantling, Servicing and reinstallation of 1TR/ 1.5TR/ 2TR HWM split air conditioners at other location, with all accessories needed for Re-installation including outdoor unit stand, control wiring and gas topup	Nos.	2		

25	Charges for complete filling of Refrigerant gas for the existing 1TR/ 1.5TR/ 2TR Split AC units	Nos.	2		
26	Charges for dismantling the existing 1TR/ 1.5TR/ 2TR HWM split air conditioners in the premises, which includes all its accessories & copper piping and depositing as directed by the Branch Manager	Nos.	10		
27	Air Conditioner related civil works like making opening in wall for copper piping etc and finishing it neatly with brick work, plastering, finishing, removal of debris /waste material, making opening in partitions, civil work for condenser supports and any other work as required by site conditions etc for all the above	LS	1		

	AC units supplied				
	<b>TOTAL AMOUNT without GST</b>				
	<b>BASIC TOTAL FOR EQUIPMENT ( Total of Item 1, 2, 17 &amp; 20 )</b>				
a	<b>Adding 28 % GST on Equipments</b>				
	<b>Basic Price of Supply and Installation of Low side</b>				
b	<b>Adding 18 % GST on Low side</b>				
<b>C</b>	<b>Total amount including GST ( a+b)</b>				

<b>B. CAMC CHARGES OF ALL AC UNITS (Excluding GST)</b>					
<b>S. No</b>	<b>Description</b>	<b>For 11TR Ductable AC unit</b>	<b>For 8.5/8.75TR Ductable AC unit</b>	<b>For 2TR Split AC unit</b>	<b>For 1TR Split AC unit</b>
1	CAMC charge for 2nd Year / unit (Excluding GST)				
2	CAMC charge for 3rd Year / unit (Excluding GST)				
3	CAMC charge for 4th Year / unit (Excluding GST)				
4	CAMC charge for 5th Year / unit (Excluding GST)				
5	CAMC charge for 6th Year / unit (Excluding GST)				
6	Total CAMC Charges for 5 years/ unit (Excluding GST)				
7	Quantity	1 Nos.	3 Nos.	3 Nos.	3 Nos.
8	TOTAL CAMC CHARGES OF				

	ALL AC UNITS FOR 5 YEARS AFTER WARRANTY PERIOD OF ONE YEAR (Excluding GST)				
<b>D</b>	<b>TOTAL CAMC CHARGES OF ALL 11TR, 8.5/8.75TR, 2TR &amp; 1TR AC UNITS FOR 5 YEARS AFTER WARRANTY PERIOD OF ONE YEAR (Excluding GST)</b>	<b>Rs.</b>			
	<b>TOTAL AMOUNT ( ITEM D + C )</b>				
	<b>Say</b>				