

**BILL OF QUANTITIES FOR AIR-CONDITIONING WORK FOR SBI DSH BHAWANIPATNA,
BHAWANIPATNA**

SI No	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
				(in Rs)	(in Rs)
AIR CONDITIONING WORKS					
1)	Supply and installation of 4 way 4.0TR Cassette Type Air conditioner with scroll / Rotary / Twin rotary, having R32 /R37/ R410A (Eco Friendly) refrigerant including indoor unit outdoor unit, decorative grille and cordless remote and machine shall have copper condenser unit (Daikin/ Bluestar/ Carrier/ Hitachi/ Toshiba & Voltas)	4	No.s		
2)	Providing & Fixing of M.S. Stand for cassette air-conditioner outdoor Condensing unit. It shall be made out of heavy gauge M.S channels, angles, flats etc. of appropriate size & thickness duly painted with anti-corrosive paint. The entire item has to be executed as / req. of the machine & site conditions.	4	No.s		
3)	Providing & Fixing of insulated PVC drain lines with Nitrile rubber insulation for various units in clamping manner above false ceiling & in concealed manner below false ceiling level. From the structural ceiling it should hanged using self threaded rods or shall be fixed on wall /beam etc. with clamps & the distance between 2 clamps shall be less than 1 meter. It shall not be placed over the false ceiling nor it shall be fixed with false ceiling members. It shall be laid required gradient for easy disposal of the drain water & testing shall be done before filling the zaries. The drain line shall not be laid in the floor (except toilets & other utility areas where there are no electrical lines in the floor). All drain pipes of split / Cassette air-conditioners should be PVC of suitable size as recommended by manufacturing company and it should be connected to the nearest rain water pipeline/ as per the site condition.	80	Mts		

4)	<p>Providing & Fixing Refrigerant copper piping <u>Cassette AC</u> laid between indoor & outdoor unit as per OEM's specifications duly insulated with Class "O" fire retardant sleeve type elastomeric nitrile rubber insulation. The item also includes copper electrical flexible cable of appropriate size. Alu. foil membrane shall be applied to provide resistance against breakdown due to UV radiation for exposed portion of the rubber insulation with Nitrogen testing (totally sealed - in case of proposed machine). It shall be in total clamping manner above false ceiling & in total concealed manner below false ceiling level. From the structural ceiling it should hanged or shall be fixed on wall / beam etc. with clamps & the distance between two clamp shall be less than 1 meter. It shall not be placed over the false ceiling nor it shall be fixed with false ceiling members. The diameter / gauge of the ref. pipe shall be as per the specifications of the Manufacturing company (OEM) only for each type of machine. The above item include the cost of 3 core copper flexible electrical cable as recommended by manufacturing company</p>	60	No.s		
			Total (Rs.)		