

SL.NO.	DESCRIPTION OF ITEMS	UNIT	QUANTIT. Y	Remarks
<b>1. SPLIT A.C FITTING</b>				
1.0	Supply of 1.5 TR Hi-wall Split AC units including outdoor condensing unit, with Copper coil condenser, Multifunction cordless remote control with other accessories as required. Hi-wall split Air conditioner fitted with rotary type compressor. <u>The rate shall include 3.0 mtr. of refrigerant pipe &amp; electrical cabling for each machine.</u> All machines shall be white in color.	No.	2.00	Units: Daikin, Carrier, Voltas, Bluestar, O-General
2.0	Carrying out copper refrigerant piping ( Liquid line & Suction line -1/2''&1/4'' ) between indoor and outdoor units complete with valves, fitting, supports, clamps with insulation & Cabling etc as required.(Beyond 3.0 R.Mtr. for each Split A.C. )	Rmt	5.00	
3.0	Supply and fixing of M.S stand wall/ floor mounting brackets suitable for holding the outdoor units structure made of 40x40x5mm M.S angles for installation of outdoor unit with anti-vibration pad including grouting on wall /floor etc as may be required depending upon site condition and as per the instruction. Grouting to be done by cutting necessary holes and grouting with M-12 anchor fasteners/ cement concrete 1:2:4 and making good the damages with similar finish, two coats of synthetic enamel paint over a coat of metal primer.	No.	2.00	
4.0	Condensate Drain piping with 40 mm nominal dia Schedule-80 Rigid PVC pipes (Minimum 4 mm wall thickness) with U traps having provision for periodical cleaning.	Rmt	10.00	
5.0	Providing and fixing wall mounting 4KVA automatic stabiliser of ELPOWER/Sakti make/V-Guard ( Input Voltage- 130V-280V, Output Voltage-230V ) as per direction of engineering in charge including all labour and material.	No.	2.00	
6.0	Standard Installation and testing of Hi-wall Split type machines including indoor & outdoor machine erection, first Oil & Gas charging, installation & commissioning Including top and plug, vacuumising, nitrogen pressure testing (as applicable).			
6.1	1.5 TR Hi-Wall Split AC	No.	2.00	
<b>2. CASSETTE A.C FITTING</b>				
1.0	Supply of ceiling suspended Cassette type Split Air-conditioning unit of 2.9/ 3.0 Tr capacity Inverter Type, four- way one indoor unit, one outdoor unit having R410A (Eco Friendly) refrigerant with single Reciprocating/Scroll compressor, Thermo sensor temperature control, timer setting, Auto air swing, Multifunction cordless remote control.(evaporator coil- copper only)	No.	4.00	

2.0	Supply of ceiling suspended Cassette type Split Air-conditioning unit 1.5 Tr capacity Inverter Type , four- way one indoor unit, one outdoor unit having R410A (Eco Friendly) refrigerant with single Reciprocating/Scroll compressor, Thermo sensor temperature control, timer setting, Auto air swing, Multifunction cordless remote control. (evaporator coil- copper only)	No.	3.00	
3.0	Supply and fixing of Copper pipe line with good quality high density PU foam insulation pipe covering with flexible PVC pipe all complete as per standard specification and practice and instruction of Engineer -in charge as per site conditions, with proper saddling (S.S Saddle) on wall / terrace including making good the damages with cement mortar 1:2:4 on walls /floor with similar finish. Copper line sizes for cassette type 3 Tr A/C (Liquid line & Suction line -3/4''&3/8''), for cassette type 1.5 Tr A/C (Liquid line & Suction line -5/8''&1/4'')	Rmt	80.00	Piping: Totaline, Max Flow, Rajco, Mandev, Uniflow, Nitrile Rubber Insulation: Supreme, A-flex, Armcel, Kflex
4.0	Supply and fixing of M.S stand wall/ floor mounting brackets suitable for holding the outdoor units, structure made of 40x40x5mm M.S angles for installation of outdoor unit with anti-vibration pad including grouting on wall /floor etc as may be required depending upon site condition and as per the instruction. Grouting to be done by cutting necessary holes and grouting with M-12 anchor fasteners/ cement concrete 1:2:4 and making good the damages with similar finish, two coats of synthetic enamel paint over a coat of metal primer.	No.	7.00	
5.0	Supply and fixing ISI mark PVC pipe 25mm dia with elbow, tee socket for condensate water drainage line with nitrile insulation Make: Supreme/National/Prince or equivalent.	Rmt	80.00	
6.0	Laying control copper wire outdoor unit to indoor unit as required to complete the work in all respect.			
6.1	4CX1.5 Sqmm +2CX1.0	Rmt	80.00	
6.2	2CX1.5 Sqmm+1CX1.0	Rmt	60.00	
7.0	Standard Installation and testing of cassette type machines including indoor & outdoor machine erection, first Oil & Gas charging, installation & commissioning Including top and plug, vacucomissing, nitrogen pressure testing (as applicable).			
7.1	3.0 TR Cassatte Unit	No.	4.00	
7.2	1.5 TR Cassatte Unit	No.	3.00	