

**Estimate for the proposed Ambience Planning for Daryapur
Branch of State Bank of India, Daryapur.**

Part E : HVAC Work :

S. NO	PARTICULARS	UNIT	QTY
A	Supply Part :-		
	For Ground / First Floor Branch Area :-		
1	4.0 TR CASSETTE TYPE AIR CONDITIONER- AIR-COOLED TYPE as detailed in the section AIR COOLED CASSETTE AIR CONDITIONERS (single circuits with Scroll Compressors) including indoor unit with fan, fan-motor, cooling coil, expansion device, condensing unit, compressors, cond. coils, cond. Fans, safety cutouts, inbuilt electrical operating control panel complete with contactors, relays, internal cabling, thermostat to control all the circuits, having single Indoor unit & single Outdoor unit. Copper cooling coils & condenser coils. MAKE "Blue Star, Mitsubishi Heavy, Mitsubishi Electric, Carrier (Toshiba), Hitachi, & Daikin." :- FOR COMPLETE BANKING HALL AREA.	6	NOS.
2	3.0 TR CASSETTE TYPE AIR CONDITIONER- AIR-COOLED TYPE as detailed in the section AIR COOLED CASSETTE AIR CONDITIONERS (single circuits with Scroll Compressors) including indoor unit with fan, fan-motor, cooling coil, expansion device, condensing unit, compressors, cond. coils, cond. Fans, safety cutouts, inbuilt electrical operating control panel complete with contactors, relays, internal cabling, thermostat to control all the circuits, having single Indoor unit & single Outdoor unit. Copper cooling coils & condenser coils. MAKE "CARRIER /HITACHI/BLUE STAR/MITSUBUSHI." :- FOR COMPLETE BANKING HALL AREA.	2	NOS.
3	2.0 TR CASSETTE TYPE AIR CONDITIONER- AIR-COOLED TYPE as detailed in the section AIR COOLED CASSETTE AIR CONDITIONERS (single circuits with Scroll Compressors) including indoor unit with fan, fan-motor, cooling coil, expansion device, condensing unit, compressors, cond. coils, cond. Fans, safety cutouts, inbuilt electrical operating control panel complete with contactors, relays, internal cabling, thermostat to control all the circuits, having single Indoor unit & single Outdoor unit. Only Copper cooling coils & condenser coil. MAKE "Blue Star, Mitsubishi Heavy, Mitsubishi Electric, Carrier (Toshiba), Hitachi, & Daikin." : FOR E - LOBBY AREA (1W+1S) :	3	NOS.

S. NO	PARTICULARS	UNIT	QTY
4	1.5 TR CASSETTE TYPE AIR CONDITIONER- AIR-COOLED TYPE as detailed in the section AIR COOLED CASSETTE AIR CONDITIONERS (single circuits with Scroll Compressors) including indoor unit with fan, fan-motor, cooling coil, expansion device, condensing unit, compressors, cond. coils, cond. Fans, safety cutouts, inbuilt electrical operating control panel complete with contactors, relays, internal cabling, thermostat to control all the circuits, having single Indoor unit & single Outdoor unit. Only Copper cooling coils & condenser coil. MAKE "CARRIER /HITACHI/BLUE STAR/VOLTAS." : FOR E - LOBBY AREA (1W+1S) :	1	No.
5	1.5 TR Hiwall Split AC Make "CARRIER" minimum 3 Star Rated with copper cooling & condenser coils having efficient power saving rotary compressor Minimum 3 STAR RATED AC's MAKE "CARRIER /HITACHI/BLUE STAR/MITSUBUSHI." For BM CABIN	1	Nos.
6	1.0 TR Hiwall Split AC For SERVER Room Make "CARRIER" minimum 3 Star Rated with copper cooling & condenser coils having efficient power saving rotary compressor Minimum 3 STAR RATED AC's MAKE "CARRIER /HITACHI/BLUE STAR/Mitsubishi." : For Server Room	2	Nos.
A) Total Basic Machine Cost (Excluding Taxes)			
PART B) : ANCILLARY WORK & INSTALLATION PART :-			
1a	Copper Refrigerant Piping Using 20 G Copper Pipe having Dia. 3/4" & 3/8" for Hiwall Split AC with 12 mm thick Rubber Nitrile Insulation with complete with required stands, support, require GI tray for laying of copper piping, electrical cabling, drain piping etc. - For 4.0 / 3.0 / 2.0 / 1.5 TR Cassete AC's	175	Rmt
1b	Copper Refrigerant Piping Using 22 G Copper Pipe having Dia. 5/8" / 1/2" & 1/4" for Hiwall Split AC with 12 mm thick Rubber Nitrile Insulation with complete with required stands, support etc. For Hiwall Split AC's	30	Rmt
2a	Interconnection electrical Copper cables form Indoor , Outdoor & Electrical control panel complete with control cabling, ISI marked Only .		
	Electrical cable 4C/2.5 Sq.mm	225	Rmt
3	M. S. Epoxy Painted Fabricated Stand for condensing unit with vibration isolators, grouting, For complete platform Type stand for outdoor unit having safety railing etc as per site requirement		
a	4.0 / 3.0 / 2.0 / 1.5 TR Cassete AC's	12	Nos.
b	For Hiwall Split AC Unit 1.5 / 1.0 Ton Machine	3	Nos.

S. NO	PARTICULARS	UNIT	QTY
4	Installation, Testing & Commissioning of AC Unit with One or more times pressure testing with nitrogen at 350 psig, leak testing, rectification, vaccummisation, gas charging, testing & commissioning of each unit to satisfy that there are no leakage's.		
a	4.0 TR Cassete AC's	6	M/c
b	3.0 TR Cassete AC's	2	M/c
c	2.0 TR Cassete AC's	3	M/c
d	1.5 TR Cassete AC's	1	M/c
e	For Hiwall Split AC Unit 1.0 / 1.5 Ton Machine	3	M/c
5	40 mm Rigid UPVC drain pipe with 6 mm Heatlon insulation complete with fittings, U traps etc. & as specified to the nearest toilet with required civil works & finishing the same.	150	RMT
6	Miscellaneous Work : Civil Work - Trenching Work / Zari Work without refilling, Making & remaking of holes in walls , core cutting if require, refilling of holes in all respects, scaffolding work & other work as per site requirement.	1	Job.
7	Dismantling and buy-back of Existing AC (Split AC / Window AC) units including all copper pipes, drain pipes mounting surfaces, etc. complete and keeping the premises clear of all. AS & WHERE IT IS CONDITIONS.	0	Nos.
	B) Total Installation Cost (Excluding Taxes)		
	Total Basic Cost : A + B (Supply + Installation Cost)		

For Ranade & Ranade, Architects