

**BOQ for Proposed Air-Conditioning work of New Branch Premises and On site A.T.M. Room of SBI
Lakhnadon Branch, RBO - MANDLA, M.P.**

S.N	Description of items	Qty	Unit	Rate	Amount
	AIR CONDITIONING				
	Supply, installation, testing and commissioning of following AIR CONDITRIONERS as under. The Rate shall be inclusive of all taxes excluding GST. GST will be paid additionally by the Bank as applicable subject to GST Number and system has complete one year warranty & If any additional warranty provided by company/vendor in any specific part like compressor etc that is acceptable, please mentioned it.				
1	Supply, installation, testing and commissioning of Higher Efficient models of SPLIT AC, 5 STAR INVERTER RATING OF BEE AIR CONDITIONERS 1.00 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single Phase, 50 Hz AC supply with rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and material including copper piping of hard & prime quality of min. 22 G upto 3 metres with class "o" Nitrile insulation	2	Nos		
2	Supply, installation, testing and commissioning of Higher Efficient models of SPLIT AC, 5 STAR INVERTER RATING OF BEE AIR CONDITIONERS 1.50 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single Phase, 50 Hz AC supply with rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and material including copper piping of hard & prime quality of min. 22 G upto 3 metres with class "o" Nitrile insulation	1	Nos		
3	Supply, installation, testing and commissioning of Higher Efficient models of Inverter AC-Variable speed CASSETTE TYPE AIR CONDITIONERS(Three star rated) 2.00 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single Phase, 50 Hz AC supply with Rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and heavy gauge PVC drain piping with insulation as per site requirement. The copper piping, drains piping and electrical cabling should be fixed with clamps .	2	Nos		

4	Supply, installation, testing and commissioning of Higher Efficient models of Inverter-Variable speed CASSETTE TYPE AIR CONDITIONERS(Three star rated) 3.0 Ton Machines confirming to latest Indian Standards and suitable for operation on 415 Volts + 10 %, three Phase, 50 Hz AC supply with Rotary compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation and with remote control with Cool/Fan/Dry/Auto mode, sleep mode & on/off timer with suitable thermostat. The rate should include installation charges after making appropriate changes in existing false ceiling. Heavy ready made/fabricated M S Stand to house the out door unit as per site conditions including carpentry work, minor civil work and heavy gauge PVC drain piping with insulation as per site requirement. The copper piping, drains piping and electrical cabling should be fixed with clamps .	3	Nos		
5	Supplying and drawing of control cum transmission cable of size 4 core X 2.5 sqmm PVC insulated copper conductor cable in the suitable PVC conduit for connections from I/D Unit to O/D unit complete as reqd.	75	R Mtr.		
6	Supply and installation of soft & prime quality of min. 22 G Copper pipe for " Split AC only " with class "o" Nitrile insulation of minimum 12mm for split air conditioner including interconnection power/ communication cable between indoor and outdoor unit as per site requirement. (If required additionally, payment will made as per actual installtion. The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work. Make of Insulation:- Superlon/Aflex/Armacell/Kflex Make of cable:Finolex/RR	10	R Mtr.		
7	Supply and installation of hard & prime quality of min. 22 G Copper pipe for " Cassette AC Only " with class "o" Nitrile insulation of minimum 12 mm for 3 / 4 ton cassette type air conditioner including interconnection power/ communication cable between indoor and outdoor unit as per site requirement.(If required additionally, payment will made as per actual installtion.) The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work. Make of Insulation:- Superlon/Aflex/Armacell/Kflex . Make of cable:Finolex/RR	75	R Mtr.		
8	Drain Pipe (If Required additional) Applicable to both ACs (Cassette & Split AC). Supply and laying of heavy gauge PVC drain piping of 40mm with insulation as per site requirement with its all accessories like bend, solution etc as per site condition. The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work. (If required additionally, payment will made as per actual installtion.) Make:- Kasta/supreme	120	R Mtr.		
9	Providing & fixing of 4 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 1Tr /1.5Tr Split AC & 1.5 Tr Cassette AC) Make: Microtek, V-Gards (Voltage Range 150- 280 Volts)	3	Nos		
10	Providing & fixing of 5 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 2 Tr Split AC & Cassette AC) Make: Microtek, V-Gards (Voltage Range 150- 280 Volts)	2	Nos		
11	Electronic Timer for auto swith on/off to AC of server/ATM/E-lobby for 4Hr/8Hr. Make:- Legrand, L&T, and other Eq. ISI make	1	Nos		
12	SUB TOTAL(Excluding GST)				
13	Buy-Back of Old Split AC (1.5/2 Ton)	-7	Nos		
14	TOTAL(Excluding GST)				
15	Grand Total (Excluding GST)				
		Seal & Signature of Contractor			