

**BOQ FOR THE PROPOSED WORKS OF RENOVATION/INTERIOR/FURNISHING OF BRANCH FOR
STATE BANK OF INDIA**

BRANCH DETAIL:	Manawar Branch, Distt. Dhar (M.P.)
----------------	------------------------------------

AIRCONDITIONING WORKS

I.No	Description of items	Unit	Qty	in INR	
				Rate Rs	Amount Rs
	AIR CONDITIONING WORK				
	IMP NOTES: The Contractor shall visit the site before quoting rates for a better understanding of the working conditions on site. The scope work shall include Careful Dismantling/ Removing/ Deinstallation of Old, Non-Functional Air conditioning units including Window units/ Indoor and Outdoor Units, Ductable Units/ any other type of window/wall/ceiling mounted units, all the connected ducts/piping etc. The work shall be done without damaging the unit being removed or the structure on which it has been mounted or the other fixtures like AC grills, AC ducts or any type of conduiting/wiring/electrical fixtures/fire alarm sensor etc. complete. The task shall include safe handling and removal from site of un-installed ducts etc to a safe distance and of usable material to stores or as directed by the engineer-in-charge				
	Supply, installation, testing and commissioning of following AIR CONDITIONERS 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 HIGH WALL TYPE SPLIT AC, THREE STAR RATING OF BEE AIR CONDITIONERS 1.0 Ton Inverter 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 civil or interior changes on site if required and shall include all required Heavy duty or company provided ready made or fabricated M S Stands if required to install the out door and indoor units as per	Nos	2		
	Quoted competitive rate should deduct cost of company provided copper piping, the cost shall be paid as per actual length with nil deductions under the appropriate item only. The copper piping, drains piping and electrical cabling should be fixed with clamps and no loose piping/cabling is allowed. The out door unit should be anti-rust powder coated. Indoor unit should have LED display. The rates shall be inclusive of all repairs of civil and carpentry work, original fill and additional top up of refrigerant gas as per site condition, testing and commissioning complete. Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only				
2	Supply, installation, testing and commissioning of Higher Efficient models of HIGH WALL TYPE SPLIT AC, THREE STAR RATING OF BEE AIR CONDITIONERS 1.5 Ton Inverter 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 civil or interior changes on site if required and shall include all required Heavy duty or company provided ready made or fabricated M S Stands if required to install the out door and indoor units as per	Nos	1		

	<p>Quoted competitive rate should deduct cost of company provided copper piping, the cost shall be paid as per actual length with nil deductions under the appropriate item only. The copper piping, drains piping and electrical cabling should be fixed with clamps and no loose piping/cabling is allowed. The out door unit should be anti-rust powder coated. Indoor unit should have LED display. The rates shall be inclusive of all repairs of civil and carpentry work, original fill and additional top up of refrigerant gas as per site condition, testing and commissioning complete. Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only</p>				
3	<p>Supply, installation, testing and commissioning of Higher Efficient models of HIGH WALL TYPE AIR CONDITIONERS (Two) 2 Ton Machines 3 star rated Inverter Models confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, three Phase, 50 Hz AC supply with Scroll compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation, built-in voltage stabilizer 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 5 metres with class "o" Nitrile insulation 12mm , cabling from indoor to outdoor unit, heavy gauge PVC drain piping with insulation as per site requirement.cont'd...</p>	Nos	3		
	<p>Quoted competitive rate should deduct cost of company provided copper piping, the cost shall be paid as per actual length with nil deductions under the appropriate item only. The copper piping, drains piping and electrical cabling should be fixed with clamps and no loose piping/cabling is allowed. The rates inclusive of all repairs of civil and carpentry work The out door unit should be anti-rust powder coated. The cost includes original fill and additional top up of refrigerant gas as per site condition. The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only</p>				
4	<p>Supply, installation, testing and commissioning of Higher Efficient models of CASSETTE TYPE AIR CONDITIONERS (Three) 3 Ton Machines 4 star rated Inverter Models confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, three Phase, 50 Hz AC supply with Scroll compressor, Refrigerant and capable to perform cooling, dehumidifying, Air Circulating, auto mode, auto swing, anti bacteria filtering, ventilation, built-in voltage stabilizer 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 5 metres with class "o" Nitrile insulation 12mm , cabling from indoor to outdoor unit, heavy gauge PVC drain piping with insulation as per site requirement.cont'd...</p>	Nos	2		

	Quoted competitive rate should deduct cost of company provided copper piping, the cost shall be paid as per actual length with nil deductions under the appropriate item only. The copper piping, drains piping and electrical cabling should be fixed with clamps and no loose piping/cabling is allowed. The rates inclusive of all repairs of civil and carpentry work The out door unit should be anti-rust powder coated. The cost includes original fill and additional top up of refrigerant gas as per site condition. The rate inclusive of all chisel work, plastering, finishing, painting & all civil related work pertaing to mentioned work Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only				
5	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/Havells	Mtr	40		
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. Payment will made as per actual installtion and nil deduction shall be made for company provided lengths. The rate shall be inclusive of all chase making and/or chisel work, plastering, finishing, painting & all civil repair work pertaining to mentioned work. Make of Insulation:- Superlon/Aflex/Armacell/Kflex Make of cable:- Finolex/RR/Havells	Mtr	52		
7	Drain Pipe 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 chase making and/or chisel work, plastering, finishing, painting & all civil repair work pertaining to mentioned work. Make:- Kasta/supreme	Mtr	65		
8	Providing & fixing of 4 KVA Voltage stabilizer with time delay option including all accessories with installation at site (For 1Tr /1.5Tr Split AC & 2 Tr Split AC) Make:-Microtek, V-Guard (Voltage Range 150- 280 Volts)	Nos	6		
TOTAL OF AIR CONDITIONING WORK				Rs	
In Words Rs.					