

**PRICE BID OF 4TH FLOOR CORRIDOR AIR-CONDITIONING WORKS (CHAIRMAN SIDE TO GM-III), SBI,
LHO BUILDING, BHOPAL**

S.N	Description of items	Qty	Unit	Rate	Amount
1	ELECTRICAL WIRING				
1	<p>AC Point (Single Phase). Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. power point with the followings :</p> <p>Metra Plug and Socket DBs with one Nos 20 Amp SP MCB, 20 Amp plug and socket with complete Enclosur plate and box.- 1 set i/c electrical connections and making good all the damages, painting, cleaning the site etc complete including all accessories as required as per site requirement and as directed by Bank Engineer.</p> <p>OR Modular 32A DP 1 way switch with plate & box 1 set. + 25A & 10A twin socket</p> <p>(Only one point is connected with one circuit as mentioned below)</p> <p>Make of Material for items of BOQ:-</p> <p>(i) Modular Type Switch/socket/step electronic fan regulator, plate, box, TV/telephone, bulb holder/3 pin ceiling rose with all accessories:- Lergand/Anchor(Roma)/MK/ Crabtree</p> <p>(ii) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision</p> <p>(iii) PVC insulated copper wire(FR) 650V/1100 V grade:- Finolex/RR cable/ Havells</p>	10	Nos		
2	<p>AC Point (Three Phase). Supply, Installation, Testing and commissioning of the surface / recess mounting A.C. Cassette power point with the followings :</p> <p>Metal enclose Four way with one Nos 32 Amp FP MCB with complete Enclosur plate and box.- 1 set i/c electrical</p>	1	Nos		
3	<p>CIRCUIT WIRING :(FRLS WIRE) IN MS CONDUIT(MMS)</p> <p>Supply , installation, testing & commissioning of FRLS circuit wiring measured in numbers with suitable size of MS conduit 1.6 mm thick and 25mm dia. The wiring in MS conduit is as per IS code.</p> <p>(i) MS conduit/PVC conduit with all accessories:- BEC/AKG/NIC/Precision</p> <p>(ii) PVC insulated copper wire(FRLS) 650V/1100 V grade:- Finolex/RR cable/ Havells</p>				
3.1	3 X 4 Sqmm copper multistread FRLS wire in suitable size of 16 SWG (MMS) steel conduit.	550	R.Mtr		
3.2	5 X 4 Sqmm. Copper multistrend FRLS wire in suitable size of 16 SWG (MMS) steel conduit (For Cassettee AC)	120	R.Mtr		
4	DISTRIBUTION BOARDS				

	<p>All MCB to be "C" series Supply, installation, Testing and commissioning of the surface/recess mounting following ways MCB DB's 230/415 Volts with tinned copper busbar, neutral bar, earth bar, din bar detachable gland plate, interconnection and making good all the damages, painting, cleaning the site etc complete as required as per site requirement. All MCCB has braking capacity is 25KA and ALL MCB/ELCB has breaking capacity has 10 KA. Make of Materials Panel- As per IS Standards/CPRI Tested. DBs/MCCB/MCBs- Legrand/Siemens/Hagger/Schneider only (Note:- Before Placing the Panel order, firstly it Passed by The Bank Authority, otherwise it will not considered)</p>				
4.1	Providing & fixing 4 way vertical load line double door D.B for AC with 100 Amp. TP MCCB incomer and outgoing to be 2 Nos 32 amp TP MCB, 6 Nos 32 amp SP MCB FOR AC	1	Nos		
4.2	Providing & fixing way TPN double door D.B for AC with 63 Amp. TP MCB incomer and outgoing to be 12 Nos 32 amp SP MCB FOR AC	1	Nos		
5	CABLES				
5.1	3.5 X 35 Sq.mm XLPE.AI.armoured Cable (AC)	80	Mtr		
5.2	4 X 16 Sq.mm XLPE.AI.armoured Cable (AC)	80	Mtr		
	(A) TOTAL ELECTRICAL				
(B)	AIR CONDITIONING				
	<p>Supply, installation, testing and commissioning of following AIR CONDITONERS 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 additinal warranty provided by company/vendor in any specific part like compressor etc that is acceptable, please mentioned it. Make of ACs:- Daikin/Hitachi/Voltas/Bluestar/Carrier only Make of Insulation:- Superlon/Aflex/Armacell/Kflex . Make of cable:Finolex/RR Make:-Microtek, V-Gards. (Voltage Range 150- 280 Volts)</p>				

1	Supply, installation, testing and commissioning of Higher Efficient models of CASSETTE TYPE AIR CONDITIONERS (Two) 2.0 Ton Machines confirming to latest Indian Standards and suitable for operation on 230 Volts + 10 %, single 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 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 cabling from indoor to outdoor unit, heavy gauge PVC drain piping with insulation as per site requirement. 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	10	Nos		
2	Supply, installation, testing and commissioning of Higher Efficient models of CASSETTE TYPE AIR CONDITIONERS(Three) 3.0 Ton Machines confirming to latest Indian Standards and suitable for operation on 415 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 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 cabling from indoor to outdoor	1	Nos		
3	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	410	Mtr		
4	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	150	Mtr		
	TOTAL:- (.B) AIR CONDITIONING WORK				
	SUMMARY:-				
	(A) SUB- TOTAL OF ELECTRICAL WORK				
	(B) SUB- TOTAL OF AIR CONDITIONING WORK				
	TOTAL(A+ B)				
	Grand Total:-				

GST will be paid additionally as applicable