

Price Bid-KATKOL BRANCH-AC

| STATE BANK OF INDIA INFRA MANAGEMENT SOLUTION (P) LTD | | | | | |
|---|---|-----|------|------|--------|
| TENDER BOQ- AIR CONDITIONING WORKS OF KATKOL BRANCH, AO-7 | | | | | |
| Sl. No. | Item Description | Qty | Unit | Rate | Amount |
| 1a | Supply of minimum 4.0 TR capacity, Ceiling mounted- Cassette-split air conditioners INVERTER-type with all modern facilities , first fill of refrigerant complete as under: Indoor unit: Ceiling mount comprising cooling coil, evaporator fan with motor, filters, insulated drain pan, drain pump, expansion valve, refrigerant filter drier with codeless remote control unit, etc: with Temperature indication. Outdoor unit: comprising three phase hermetically sealed scroll/Rotary compressors, condenser coil with fan & motor, starters / controls / cutouts / relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick, duly treated for corrosion protection complete, mounted on ribbed rubber pads. The condenser & vaporizer should be Copper only. a). Capacity 4.0TR(+5%), 3-Phase/1-Phase Inverter AC | 0 | Nos. | | |
| 1b | Installation testing and commissioning of above 4.0 TR AC | 0 | Nos. | | |
| 1c | 22G. Hard / Soft drawn Refrigerant piping circuit with 13mm thick nitrile rubber insulation. One refrigerant pipe circuit shall be inclusive of Suction gas & Liquid refrigerant pipe, interconnecting indoor and outdoor units (both suction and discharge lines | 0 | Mtrs | | |
| 1d | Installation testing and commissioning of above item 1c | 0 | Mtrs | | |
| 1e | Necessary electrical copper wiring including earthing conductor in rigid PVC conduit. Electrical Power & control cable between the indoor and outdoor unit with armored copper cable of suitable size along with the copper pipe routing. | 0 | Mtrs | | |
| 1f | Installation testing and commissioning of above item 1e | 0 | Mtrs | | |
| 2a | Supply of minimum 3.0 TR capacity, Ceiling mounted- Cassette-split air conditioners INVERTER-type with all modern facilities , first fill of refrigerant complete as under: Indoor unit: Ceiling mount comprising cooling coil, evaporator fan with motor, filters, insulated drain pan, drain pump, expansion valve, refrigerant filter drier with codeless remote control unit, etc: with Temperature indication. Outdoor unit: comprising three phase hermetically sealed scroll/Rotary compressors, condenser coil with fan & motor, starters / controls / cutouts / relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick, duly treated for corrosion protection complete, mounted on ribbed rubber pads. The condenser & vaporizer should be Copper only. a). Capacity 3.0TR(+5%), 3-Phase/1-Phase Inverter AC | 1 | Nos. | | |
| 2b | Installation testing and commissioning of above 3.0 TR AC | 1 | Nos. | | |
| 2c | 22G. Hard / Soft drawn Refrigerant piping circuit with 13mm thick nitrile rubber insulation. One refrigerant pipe circuit shall be inclusive of Suction gas & Liquid refrigerant pipe, interconnecting indoor and outdoor units (both suction and discharge lines | 15 | Mtrs | | |
| 2d | Installation testing and commissioning of above item 2c | 15 | Mtrs | | |
| 2e | Necessary electrical copper wiring including earthing conductor in rigid PVC conduit. Electrical Power & control cable between the indoor and outdoor unit with armored copper cable of suitable size along with the copper pipe routing. | 16 | Mtrs | | |
| 2f | Installation testing and commissioning of above item 2e | 16 | Mtrs | | |

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| 3a | Supply of minimum 2.0 TR capacity, Ceiling mounted- Cassette-split air conditioners INVERTER-type with all modern facilities , first fill of refrigerant complete as under: Indoor unit: Ceiling mount comprising cooling coil, evaporator fan with motor, filters, insulated drain pan, drain pump, expansion valve, refrigerant filter drier with codeless remote control unit, etc: with Temperature indication. Outdoor unit: comprising three phase hermetically sealed scroll/Rotary compressors, condenser coil with fan & motor, starters / controls / cutouts / relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick, duly treated for corrosion protection complete, mounted on ribbed rubber pads. The condenser & vaporizer should be Copper only. a). Capacity 2.0TR(+5%), 1-Phase Inverter AC | 0 | Nos. | | |
| 3b | Installation testing and commissioning of above 2.0 TR AC | 0 | Nos. | | |
| 3c | 22G. Hard / Soft drawn Refrigerant piping circuit with 13mm thick nitrile rubber insulation. One refrigerant pipe circuit shall be inclusive of Suction gas & Liquid refrigerant pipe, interconnecting indoor and outdoor units (both suction and discharge lines | 0 | Mtrs | | |
| 3d | Installation testing and commissioning of above item 3c | 0 | Mtrs | | |
| 3e | Necessary electrical copper wiring including earthing conductor in rigid PVC conduit. Electrical Power & control cable between the indoor and outdoor unit with armored copper cable of suitable size along with the copper pipe routing. | 0 | Mtrs | | |
| 3f | Installation testing and commissioning of above item 3e | 0 | Mtrs | | |
| 4a | Supply of minimum 2.0Tr capacity, Hi-wall mounted Split Air Conditioners-INVERTER-type and set of copper piping,drain piping & electrical wiring up to 3meters between indoor and outdoor units with first fill of refrigerant. Indoor unit HI-Wall Mount comprising - cooling coil, evaporator fan with motor, filters, insulated drain pan, expansion valve, refrigerant filter drier with codeless remote control unit, etc. Outdoor unit comprising Single phase hermetically sealed Compressor, condenser coil with fan & motor / controls / cutouts / relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick, duly treated for corrosion protection in complete, mounted on ribbed rubber pads. The condenser & vaporizer should be Copper only. BEE STAR RATED 3 star and above | 0 | Nos. | | |
| 4b | Installation testing and commissioning of above 2.0 TR AC | 0 | Nos. | | |
| 4c | 22G. Hard / Soft drawn Refrigerant piping circuit with 13mm thick nitrile rubber insulation. One refrigerant pipe circuit shall be inclusive of Suction gas & Liquid refrigerant pipe, interconnecting indoor and outdoor units (both suction and discharge lines | 0 | Mtrs | | |
| 4d | Installation testing and commissioning of above item 4c | 0 | Mtrs | | |
| 4e | Necessary electrical copper wiring including earthing conductor in rigid PVC conduit. Electrical Power & control cable between the indoor and outdoor unit with armored copper cable of suitable size along with the copper pipe routing. | 0 | Mtrs | | |
| 4f | Installation testing and commissioning of above item 4e | 0 | Mtrs | | |
| 5a | Same as above (Item:4a) but with minimum 1.5Tr capacity, Hi-wall mounted Split Air Conditioners-INVERTER-type BEE STAR RATED 3 star and above | 1 | Nos. | | |
| 5b | Installation testing and commissioning of above 1.5 TR AC | 1 | Nos. | | |

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| 5c | 22G. Hard / Soft drawn Refrigerant piping circuit with 13mm thick nitrile rubber insulation. One refrigerant pipe circuit shall be inclusive of Suction gas & Liquid refrigerant pipe, interconnecting indoor and outdoor units (both suction and discharge lines | 2 | Mtrs | | |
| 5d | Installation testing and commissioning of above item 5c | 2 | Mtrs | | |
| 5e | Necessary electrical copper wiring including earthing conductor in rigid PVC conduit. Electrical Power & control cable between the indoor and outdoor unit with armored copper cable of suitable size along with the copper pipe routing. | 2 | Mtrs | | |
| 5f | Installation testing and commissioning of above item 5e | 2 | Mtrs | | |
| 6a | Same as above (Item:5a) but with minimum 1.0Tr capacity, Hi-wall mounted Split Air Conditioners-INVERTER-type BEE STAR RATED 3 star and above | 5 | Nos. | | |
| 6b | Installation testing and commissioning of above 1.0 TR AC | 5 | Nos. | | |
| 6c | 22G. Hard / Soft drawn Refrigerant piping circuit with 13mm thick nitrile rubber insulation. One refrigerant pipe circuit shall be inclusive of Suction gas & Liquid refrigerant pipe, interconnecting indoor and outdoor units (both suction and discharge lines | 10 | Mtrs | | |
| 6d | Installation testing and commissioning of above item 6c | 10 | Mtrs | | |
| 6e | Necessary electrical copper wiring including earthing conductor in rigid PVC conduit. Electrical Power & control cable between the indoor and outdoor unit with armored copper cable of suitable size along with the copper pipe routing. | 12 | Mtrs | | |
| 6f | Installation testing and commissioning of above item 6e | 12 | Mtrs | | |
| 7 | Supply of 4KVA Voltage Stabilizer suitable for the Air conditioners intelligent time delay (for 2.0Tr /1.5Tr AC) | 1 | Nos. | | |
| 8 | Supply of 3KVA Voltage Stabilizer suitable for the Air conditioners intelligent time delay (for 1.0Tr AC) | 5 | Nos. | | |
| 9 | Supply Factory made Metallic Wall mounting supports for the condenser of Split Air Conditioners - Hi Wall. | 7 | Nos. | | |
| 10 | Supply and erection of 10cm wide pre fabricated painted MS/GI tray supported from the ceiling to draw the refrigerant copper piping upto the condenser unit. | 0 | Nos. | | |
| 11 | SUPPLY and installation of timer switch for AC in Server room / ATM room | 2 | Nos. | | |
| 12 | Installation/Erection of Drain piping using rigid PVC pipe 20mm | 0 | Mtrs | | |
| | Total A | | | | |
| B | Rate for post warranty Comprehensive AMC for 5 years | | | | |
| | Grand Total A+B | | | | |
| | GST extra as applicable | | | | |