

Air Conditioning works of SBI Chettippadi Branch - BOQ

| Sl.No. | Item Description | Qty | Unit | Amount | |
|--------|--|-----|------|--------|--------------|
| | | | | Rate | Amount in Rs |
| 1 | Supply, Installation, Testing and commissioning of minimum 3.0 TR capacity, INVERTER CASSETE type split air conditioners with first fill of refrigerant & electrical wiring between indoor and outdoor units complete. | | | | |
| | Indoor unit ceiling hung comprising cooling coil, evaporator fan with motor, filters, insulated drain pan, drain pump, expansion valve, refrigerant filter drier with codeless remote control unit, etc. | | | | |
| | Outdoor unit comprising 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. (Excluding copper pipe) | | | | |
| | a) Capacity 3.0TR , with scroll/ rotary Compressor | 3 | Set | | |
| 2 | Supply , installation, commissioning of inverter type 1 Tr 3 star rated Hi wall split AC with 3 Mtr Cu piping having necessary insulation, Drain piping, Electrical cabling all accessories, refrigerent supply & filling, cordless remote, all allied earthing, Thermal insulation to prevent the dripping of water from the interconnection between pipes of indoor and outdoor machine along with stabilizer, MS stand . The installation works complete with related civil works for making opening in wall for copper piping and finishing it neatly with brick work, plastering, finishing, removal of debris. | | | | |
| | | 3 | Set | | |
| | Total Machine Cost | | | | |
| 3 | Supply and erection of copper piping using hard drawn copper (1mm thick) refrigeration pipe complete with bends, Elbows, Supports, Insulation etc. interconnecting indoor and outdoor units (both suction and discharge lines) along with necessary electrical copper wiring including earthing conductor in rigid PVC conduit. | | | | |
| | | 45 | m | | |
| 4 | Tray/ Duct: Supply and erection of 160 mm wide, 100 mm depth PVC Square Pathy or Square UPVC rain water gutter supported from the ceiling using threaded rods and sloated angles with suitable joints and sealents to make the joints leak proof for drawing the refrigerant copper piping upto the wall before condenser unit. | | | | |
| | | 40 | m | | |
| 5 | Supply and erection of angle/channel support for the condenser unit to be mounted on the wall. (Cassette units) | | | | |
| | | 3 | Set | | |

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|---|---|----|----|--|--|
| 6 | Supply and erection of 25mm dia insulated PVC drain water piping (4kg/sq.cm.) upto just above ground level | 60 | m | | |
| 7 | Supply and wiring of proper capacity electrical cable from the out door supply point to the AC out door units | 30 | m | | |
| 8 | Ladder - 6 Feet Multipurpose Aluminium Ladder for maintenance of AC units. Make: Alco or equivalent | 1 | No | | |
| 9 | Timer for AC unit in ATM (Legrand/ Protonics) | 1 | No | | |
| | Total base amount for items other than machines | | | | |
| | Total base amount for the works | | | | |