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|   |   |      |    |      |
| 2 | Supply of ceiling suspended energy efficient 4 way air-flow Cooling type single phase 4 Tr, BEE rated 4 Star or higher Cassette type split air conditioner in recessed manner in false ceiling with full function wireless remote and auto restart feature, <b>Copper condenser coils and Copper cooling coils</b> , company provided copper refrigerant, fan and fan motor drain pan and cordless Remote controller pipe complete in all respects with indoor/ outdoor unit, gas charge etc. Acceptable makes of AC:Carrier, Toshiba, Daikin, O General, Hitachi, Mitshubishi, Voltas, Blue Star | 1.00 | No |      |
| 3 | Supply of 2 Tr hi wall type BEE rated 5 star inverter technology split air conditioner with full function wireless remote and auto restart feature, with indoor/outdoor unit, gas charge, Copper condenser coils and Copper cooling coils company provided copper refrigerant pipe complete in all respects. Acceptable makes AC: Carrier, Toshiba, Daikin, O General, Hittachi, Mitshubishi, Voltas, Blue Star.  | 1.00 | No |      |
| 4 | Supply of 1.5 Tr hi wall type BEE rated 5 star inverter technology split air conditioner with full function wireless remote and auto restart feature, with indoor/outdoor unit, gas charge, Copper condenser coils and Copper cooling coils company provided copper refrigerant pipe complete in all respects. Acceptable makes AC: Carrier, Toshiba, Daikin, O General, Hittachi, Mitshubishi, Voltas, Blue Star   | 3.00 | No |      |
| 5 | Supply of 1 Tr hi wall type BEE rated 5 star inverter technology split air conditioner with full function wireless remote and auto restart feature, with indoor/outdoor unit, gas charge, Copper condenser coils and Copper cooling coils company provided copper refrigerant pipe complete in all respects. Acceptable makes AC: Carrier, Toshiba, Daikin, O General, Hittachi, Mitshubishi, Voltas, Blue Star Total Part-A  | 8.00 | No |      |
|   |   |      |    | <br> |
|   | Part-B : SITC of Low side   |      |    |      |
| 1 | Installation, testing and commissioning of  |      |    |      |
|   | variable refrigerant volume/Variable Refrigerant Flow airconditioning system complete with indoor and outdoor units with individual controller and cooling feature with refrigerant piping, gas charging R-410 as per detail given in specification and dwg.  Variable Refrigerant Flow/ System   |      |    |      |
|   |   |      |    | <br> |
|   |   |      |    |      |

| 7.0      | MS Stand for VRV/VRF Outdoor Units   | 1        | Nos        |  |
|----------|--|----------|------------|--|
| 6.0      | Supply & Laying of M S Slotted Angle for pipes and cables horizontaly and vertically along with threaded rod, nut, bolt, saddle, tie etc.  | 100      | Rmt        |  |
|          |  |          |            |  |
| 5.1      | Providing & fixing control cum transmission wiring of 2 core x 1.5 sqmm copper in suitable conduits between indoor and out door unit.  |          | Rmt        |  |
| 5.0      | Control & Transmission Wiring  |          |            |  |
| <u> </u> | Combania Transported a Maria   |          |            |  |
| 4.2      | 32 mm dia  | 70       | Rmt        |  |
|          | 25 mm dia  | 90       | Rmt        |  |
|          | Providing and fixing rigid PVC piping complete with fittings, supports as per specifications and duly insulated with 6 mm thick closed cell nitrile rubber insulation. The pipe is to be concealed in wall/floor wherever required with chipping and plaster repairing. The pipe shall be used for VRV/VRF, hi wall split/Cassette AC. |          |            |  |
| 4.0      | <u>Drain Piping</u>  |          |            |  |
| 3.3      |  |          | Mile       |  |
|          | 6.4 mm   | 20       | Rmt        |  |
|          | 9.5 mm   | 10<br>40 | Rmt<br>Rmt |  |
|          | 15.9 mm<br>12.7 mm   | 80       | Rmt        |  |
|          | 19.1 mm  | 20       | Rmt        |  |
|          | 22.2 mm  | 5        | Rmt        |  |
|          | 28.6 mm  | 50       | Rmt        |  |
|          | 31.8 mm  | 20       | Rmt        |  |
|          | set of indoor & outdoor units as per<br>specifications, all piping inside the room<br>shall be properly supported  |          |            |  |
|          | (19mm/13 mm thick) closed cell elastomeric nitrile rubber tubular insulation between each  |          |            |  |
| 3.0      | Refrigerant Piping  Interconnecting refrigerant pipe work with   |          |            |  |
|          | site requirements  |          |            |  |
| 2.0      | Commissioning of VRF/VRV systems including charging of R410A gas as per  |          | Kg         |  |
| а        | 4-Way Cassettes  | 5        | Nos        |  |
| 1.2      | Indoor Units   |          |            |  |
| 1.1      | Outdoor Unit   | 1        | Nos        |  |
|          | indoor units, complete as per specification and drawings.  |          |            |  |
|          | Y-joints & header etc.) remote controls of   |          |            |  |
|          | of indoor units, outdoor units, fittings(Imported  |          |            |  |
|          | Lifting, shifting, positioning, installation, testing  |          |            |  |

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|---|---|-------|------|---|--|
| 8 | Supplying and installing following size of 150 mm width X 50 mm depth X 1.6 mm thickness perforated hot dipped galvanized iron <b>cable trays</b> with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc/ on MS angles or C type channel as required. (item includes all accessories like bends, tees, cross, reducers etc.)  Total Part-B   | 40.00 | Rmt. |   |  |
|   | Part-C  |       |      |   |  |
|   | Wall/Ceiling mounting of hi wall/cassette   |       |      |   |  |
|   |   |       |      |   |  |
|   | type split Air Conditioner of different make.   |       |      |   |  |
| 1 | Unmounting, servicing and refixing of banks (availabale on site) split Air Conditioner at marked locations. Including cost of gas filling. AC units may be of different brands, vendor have to coordinate with manufactureres.  |       |      |   |  |
| a | 1.0 TR HWM Split Indoor Unit + outdoor & stabilizer   | 1.00  | No   |   |  |
| b | 1.5 TR HWM Split Indoor Unit + outdoor & stabilizer   | 10.00 | No   |   |  |
| С | 2.0 TR HWM Split Indoor Unit + outdoor & stabilizer   | 3.00  | No   |   |  |
| 2 | Supply, installation, testing and commissioning of insulated copper refrigerant piping set (suction and discharge) duly insulated by nitrile rubber. Size (thickness and dia) of both Copper pipe should as per recommendation of AC manufacturer's technical specification. The pipe is to be concealed in wall/floor wherever required with chipping and plaster repairing. (Old pipe dismantled from branch is also to be used) Makes:Totaline/ Met Tube/ Diamond/ Star/ Camipro. (Only single distance will be measured between Indoor & Outdoor Units) |       | NAL  |   |  |
| a | 1.0 TR HWM Split Unit   | 30.00 | Mtr. |   |  |
| b | 1.5 TR HWM Split Unit   | 70.00 | Mtr. |   |  |
| С | 2.0 TR HWM/Cassette Split Unit  | 60.00 | Mtr. |   |  |
| d | 4.0 TR Cassette Split Unit  | 25.00 | Mtr. |   |  |
| 3 | Supply, installation, testing and commissioning of inter connecting wiring/ cabling between indoor and outdoor of hi wall/ Cassette type split AC (Only single distance will be considered)   |       |      |   |  |
| a | 1.0 TR HWM Split Unit   | 35.00 | Mtr. |   |  |
| b | 1.5 TR HWM Split Unit   | 80.00 | Mtr. |   |  |
| С | 2.0 TR HWM/Cassette Split Unit  | 70.00 | Mtr. |   |  |

| d | 4.0 TR Cassette Split Unit   | 30.00 | Mtr. |               |
|---|--|-------|------|---------------|
|   |  |       |      |               |
| 4 | Unmounting AC units ( indoor and out door ) removing copper pipes and depositing the same to Bank store department.  |       |      |               |
| а | Split AC ( all variant)  | 6.00  | No   |               |
| b | window AC ( all make and sizes)  | 8.00  | No   |               |
| С | Cassette AC ( all make and size)   | 4.00  | No   |               |
|   |  |       |      |               |
| 5 | Installation, testing and commissioning of 4/2 TR cassette type air-conditioner with wall cutting/ mounting including making good of damages complete in all respects.                             | 1.00  | No   |               |
| 6 | Installation, testing and commissioning of 2/1.5/1 TR Hi wall type split/window air conditionewith wall cutting/ mounting, stabiliser and making good of damages complete in all respects.         | 12.00 | No   |               |
| 7 | Supply of 5 KVA, wall mounted hi lo cut off stabiliser with TDR, voltage range 140-280V, complete in all respects. Stabilizer: Servel/ V Gaurd/ Marc/Sen & Pandit/ Stambh/ Inmag/Microtek/Servocon | 1.00  | No   |               |
| 8 | Supply of 4 KVA, wall mounted hi lo cut off stabiliser with TDR, voltage range 140-280V, complete in all respects. Stabilizer: Servel/ V Gaurd/ Marc/Sen & Pandit/ Stambh/ Inmag/Microtek/Servocon | 11.00 | No   |               |
| 9 | Supply and installation of robust MS angle, MS flat fabricated floor/ wall mounting stand suitable for hi wall split/ cassette outdoor units   | 13.00 | No   |               |
|   | Total -C   |       |      |               |
|   | Total of Part-1( SITC of AC system )   |       |      |               |
|   | =A+B+C   |       |      |               |
|   |  |       |      |               |
|   |  |       |      | including GST |

Rate quoted should be inclusive of all including GST. However, bill is to be submitted with shwoing GST additionally as per extant rules.