

STATE BANK OF INDIA, PREMISES & ESTATE DEPT, LHO - KOLKATA

NAME OF WORK: SITC OF TREATED FRESH AIR SYSTEMS AT SBI HALDIA REFINERY BRANCH AND RASMECC HALDIA

| SL.NO | DESCRIPTION | UNIT | QTY | RATE | AMOUNT |
|-------|--|------|-----|------|--------|
| | NON VRV TFA WORKS | | | | |
| | Supply of Ceiling Suspended 5.5 TR with 1000 cfm external static pressure 80 pa with filter of non woven polyester media enclosed by HDFF mesh, Power supply will be 3 phase 415 volt ,Indoor filter will be external finish pure polyester powder coated with pipe connection 7/8 -3/8 coper piping R410 A ambient temperature operating range 25 deg C - 52 deg . blower type shall be centrifugal blower with double inlet double width ventilated resillent mounting with drain line 3/4 pvc pipe & controler shall have microproprocessor based with touch screen operated hand set, Indoor dimation will be - 900/950/390 mm with outdoor consist of hermetically twin rotery compressor & dimension of odu will be 1020/420/945 mm . Make :- Hitachi, Daikin, Blue Star, Carrier. These units shall work even at very high ambient temperature of 52 deg. C. <input type="checkbox"/> There should not have deration at higher ambient temperature conditions should have Multiple speeds and hence multiple CFM options should be possible <input type="checkbox"/> Longer ducting length with 8mm ESP <input type="checkbox"/> Longer Refrigerant piping length upto 30 m <input type="checkbox"/> It is equipped with a sophisticated controller with touch screen operation. | | | | |
| 1.01 | TFA 5.5 TR - 1088 CFM - 80mm. Wc. ESP - Same Floor | Nos | 2 | | |
| 2 | Installation ,Testing , Commissioning of NON VRF TFA Unit with Nitrogen Flashing, Leak Testing, Vacuuming along with Misc. fitting items | | | | |
| a | 5.5 TR. Ductable units | Nos | 2 | | |
| 3 | SITC of Refrigerant Piping | | | | |
| a | HD 22.2mm O.D. Cu. Pipe with 19mm Thick. Nitrile Rubber Insulation | RMT | 20 | | |
| b | HD 9.2 mm O.D. Cu. Pipe | RMT | 20 | | |
| 3 | SITC of Control & Transmission Wiring | RMT | | | |
| a | Providing and fixing of Communication Cable of 4C x 2.5 Sqmm. copper in suitable conduits between indoor and outdoor unit. | RMT | 20 | | |
| 4 | SITC of Drain Piping | RMT | | | |
| | Providing and fixing of UPVC drain piping with all fitting such as bends, tees etc. necessary clamps, adequate support duly insulate with 9 mm nitrile rubber insulation complete as per technical specifications, requirement, standard and drawings complete as required. | | | | |
| a | 32 mm dia | RMT | 20 | | |
| 5 | SITC of Site Fabricated Duct | | | | |
| | Supply & Installation testing & commissioning of Site Fabricated Duct | | | | |
| a | 24Gauge | SQM | 60 | | |
| 6 | SITC of Thermal Insulation | | | | |
| a | Supplying & fixing of thermal insulation over duct with FSK 13mm thick nitrile rubber insulation as required. | SQM | 50 | | |

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|--|---|-----|---|--|--|
| 7 | SITC of Grilles | | | | |
| a | Providing, fixing, testing and commissioning of supply and return air grilles/ diffusers as per specifications and drawings including fixing frame of G.I./wooden in false ceiling/walls. | SQM | 2 | | |
| 8 | SITC of Canvas | NOS | 2 | | |
| 9 | Charge of Refrigerant 410 (A) | KG | 2 | | |
| 10 | Rigger Charges | | | | |
| a | 5.5 TR. Ductable Outdoor units | NOS | 2 | | |
| b | Civil & misc works | NOS | 2 | | |
| TOTAL AMOUNT OF WORK (Excluding GST) in Rs. | | | | | |
| GST AS APPLICABLE | | | | | |