

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

**NAME OF WORK: SITC OF TREATED FRESH AIR SYSTEMS AT SBI SHANTINIKETAN BRANCH  
AND HALDIA TOWNSHIP BRANCH**

SL.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>NON VRV TFA WORKS</b>				
	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 microproessor 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	<b>Installation ,Testing , Commissioning of NON VRF TFA Unit with Nitrogen Flashing, Leak Testing, Vacuuming along with Misc. fitting items</b>				
a	5.5 TR. Ductable units	Nos	2		
3	<b>SITC of Refrigerant Piping</b>				
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	<b>SITC of Control &amp; Transmission Wiring</b>	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	<b>SITC of Drain Piping</b>	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	<b>SITC of Site Fabricated Duct</b>				
	Supply & Installation testing & commissioning of Site Fabricated Duct				
a	24Gauge	SQM	60		
6	<b>SITC of Thermal Insulation</b>				
a	Supplying & fixing of thermal insulation over duct with FSK 13mm thick nitrile rubber insulation as required.	SQM	50		

7	<b>SITC of Grilles</b>				
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	<b>SITC of Canvas</b>	NOS	2		
9	<b>Charge of Refrigerant 410 (A)</b>	KG	2		
10	<b>Rigger Charges</b>				
a	5.5 TR. Ductable Outdoor units	NOS	2		
b	Civil & misc works	NOS	2		
<b>TOTAL AMOUNT OF WORK (Excluding GST) in Rs.</b>					
<b>GST AS APPLICABLE</b>					