

BOQ FOR SITC OF TREATED FRESH AIR SYSTEM OF CAPACITY 5.5 TR AT IIT KHARAGPUR BRANCH					
SL.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NON VRV TFA WORKS				
	Supply installation testing and commissioning 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 420 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 microprosessor based with touch screen operated hand set, Indoor dimention will be -900/950/390 mm with outdoor consist of hermetically twin rotery compressor & dimension of odu will be 1020/420/945 mm .				
1.01	TFA 5.5 TR - 1088 CFM - 80mm. Wc. ESP - Same Floor	Nos	1		
2	ITC of NON VRF TFA Unit with Nitrogen Flashing, Leak Testing, Vacuuming along with Misc. fitting items				
a	5.5 TR. Ductable units	Nos	1		
3	SITC of Refrigerant Piping				
a	HD 22.2mm O.D. Cu. Pipe with 19mm Thk. Nitrile Rubber Insulation	RMT	15		
b	HD 9.2 mm O.D. Cu. Pipe	RMT	15		
3	SITC of Control & Transmission Wiring				
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				
a	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.	RMT	15		
	32 mm dia				
5	SITC of Site Fabricated Duct				
	Supply & Installation testing & commissioning of Site Fabricated Duct				
a	24Gauge	SQM	30		
6	SITC of Thermal Insulation				
a	Supplying & fixing of thermal insulation over duct with FSK 13mm thick nitrile rubber insulation as required.	SQM	30		
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	1		
9	Charge of Refrigerant 410 (A)	KG	2		
10	Rigger Charges				
a	5.5 TR. Ductable Outdoor units	NOS	2		
B	CIVIL WORKS FOR INDOOR AND OUTDOOR UNITS	NOS	2		
	TOTAL				
	GST AS APPLICABLE				