

TENDER & SPECIFICATIONS FOR AIR-CONDITIONING WORKS AT SITAMAU BRANCH & E- LOBBY

ABSTRACT SHEET AIR-CONDITIONING WORK'S AT SITAMAU BRANCH & E-LOBBY		
S.NO	ITEM	AMOUNT In RS.
1	TOTAL FOR AIR- CONDITIONING WORK'S	
	TOTAL	

TENDER & SPECIFICATIONS FOR AIR-CONDITIONING WORKS FOR SITAMAU BRANCH & E- LOBBY					
S. No.	Description	Unit	Qty.	Rate	Amount
1	Supplying, erection, testing and commissioning following Inverter type Split Air conditioners (Toshiba/ Mitsubishi/ Hitachi/ Daikin/ O-General/ Carrier) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (All coils – copper only), fan and fan motor, machine control panel improved Refrigerant Joints, .Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R-410. All complete as per drawing, approval and instructions of the Architect/ SBIIMSPL (Rates to be inclusive of Copper refrigerant pipe with insulation up to 3 Mtr length and heavy guage PVC drain pipe upto 1 metre). Item to include powder coated outdoor stands as per the manufacturer specifications.				
a	1.0 TR wall mounted split unit (Minimum 5-Star rating inverter type) including all necessary fittings and mountings as specified by the manufacture	Nos.	2.00		
b	1.5 TR wall mounted split unit (Minimum 5-Star rating inverter type) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	1.00		
2	Cassette AC:- Supply Installation testing and commissioning of following (Toshiba/ Mitsubishi/ Hitachi/ Daikin/ O-General/ Carrier) Inverter type Ceiling cassette Air conditioning unit of capacity including indoor, outdoor unit fitted with rotary compressor, copper condensor and first charge refrigerant R410A/eco friendly green gas only, cordless remote control, auto air swing louvers, connection copper lead wire between outdoor and indoor unit, connection copper lead wire 1.5 mtr excluding connection copper pipe of required size, insulation, floor stand for outdoor unit, condense water outlet complete etc as required. Outdoor / indoor units should be of same make (Brand)				
	Ceiling suspended type 4 way Unit with inbuilt drain pump and decorative panels.				
i	3TR Three Phase	Nos.	1.00		
ii	4TR Three Phase	Nos.	2.00		

S. No.	Description	Unit	Qty.	Rate	Amount
3	EXTRA REFRIGERANT PIPING				
	Supply, Installation, testing & commissioning of suction/discharge copper pipe line in split/ Cassette air conditioning unit 1.0/1.5 TR/2 TR/3/4 TR capacity including brazing, nitrile rubber insulation 6/9mm thick class 'O' etc complete as required.				
a	Copper tube 1/4"	Mtr.			
b	Copper tube 3/8"	Mtr.	80.00		
c	Copper tube 5/8"	Mtr.	75.00		
4	DRAIN PIPING				
	Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
a	25 mm dia PVC drain pipe for Split AC	Mtr.	65.00		
b	32 mm dia PVC drain pipe for Cassette AC	Mtr.	60.00		
5	Providing and fixing Stabilizer with 3 step relay and input voltage range of 140-280 V and output to be 230 V (Blue bird/ Logic state/ Inline/ V-gourd) (copper winding).				
b	4 KVA (For 1.5 TR Split AC)	Nos.	3.00		
6	Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all- round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/ employer.				
a	For 1.0/ 1.5/ 2.0 TR Hi Wall split units	Nos.	3.00		
b	For 3/4 Ceiling mounted cassette unit	Nos.	3.00		
7	Control Cable - Supply & laying, testing & commissioning of following sizes of copper conductor control cables on existing tray including fixing clamps & proper connections to equipment etc complete as required.				
	4Cx2.5 sqmm	Mtr.	80.00		
8	Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER of required capacity to run A.C. alternately (MDS/ L&T/ Other reputed make).	Nos.	1.00		
	TOTAL FOR AIR-CONDITIONING WORK				

Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra