

SCHEDULE OF QUANTITIES				
AIR CONDITIONING WORKS				
AT NEW PREMISES OF NAVAL BASE BRANCH				
S. No.	Description of item/ work	Quantity	Unit	Rate (in Rs)
A DUCTABLE SPLIT ACs :				
1	Supply of following capacity of Ceiling suspended Ductable split Air Conditioning Units (Indoor & Outdoor units) Fully Copper Condensor Coils, Compressor, Evaporator, Vibration isolators with required hardware & fastners etc.			
a	8.50 (+0.5) TR (Banking Hall)	2	Nos.	
2	Installation, Testing & Commissioning of the following Air Conditioners along with the necessary ceiling supports for indoor unit, outdoor units & accessories, filled with sufficient Ozone friendly and Non CFC Rerigerant (R410/ R32) Gas etc.			
a	8.50 (+0.5) TR (Banking Hall)	2	Nos.	
3	Supply and fixing of Structural supports for Outdoor units. The supports shall be of MS Angle Frames painted with primer and weather proof synthetic enamel paint and suitable to mount the Outdoor units of the following units			
a	8.50 (+0.5) TR (Banking Hall)	2	Nos.	
4	Supply, installation, testing and commissioning of Refrigerant Piping (Liquid & Suction Hard Drawn Copper refrigerant piping) covered with Class-1, 9mm thk closed cell nitrile rubber foam wrapped with 0.5mm thick PVC Tape for above Air conditioner for interconnecting the indoor unit and Outdoor Units (Only one length will be considered, even for multiple lines in case of multi compressors unit, vendor should make a note of this). To be suspended to the ceiling/ fixed to the wall with proper supports, clamps and a piece of PVC pipe to place the copper pipe in the clamp suspended to the ceiling.			
a	8.50 (+0.5) TR (Banking Hall)	36	Rmt	
5	Supply, moulding and installation of Galvanized Steel sheet of the following size for ducting (as per approved GA drawing) with proper supports from the slab.			
a	22 Gauge	78	Sq.m	
b	24 Guage	153	Sq.m	
6	INSULATION:			

a	Supply, installation, testing and commissioning of Underdeck Thermal Insulation applied to the ceiling with thermocole of 2" thickness suitably pasted with moisture resistance adhesive and tied from outside with suitable GI wires, plate washers, nuts and bolts.	0	Sq.m	
b	Supply, installation, testing and commissioning of Duct Acoustic Insulation applied inside of duct work with Class O, 10mm thk Open Cell Nitrile Rubber suitably stucked inside the duct at about 3 to 3.5 mtr at the starting.	45	Sq.m	
c	Supply, installation, testing and commissioning of Duct Thermal Insulation applied ooutside the duct with Class-1, 9mm thk Closed Cell Nitrile Rubber suitably stucked to the entire duct.	162	Sq.m	
7	DUCT GRILLS:			
a	Supply, installation and commissioning of Aluminium powder coated Supply Air Grills along with volume control dampers.	4.5	Sq.m	
b	Supply, installation and commissioning of Aluminium powder coated Return Air Grills without volume control dampers.	8.4	Sq.m	
8	Supply, installation, testing and commissioning of suitable Canvass Connections between the Indoor unit air vent and duct for the above units.	2	Nos.	
9	Supply and installation of Electrical & Control Cables of suitable size (Only one length will be will be considered even for multiple lines).	45	Rmt	
10	Supply & fixing of Flexible PVC conduit of 0.5 mm thick and suitable dia for the refrigerant piping running in Out door areas.	14	Rmt	
11	Design, Preperation & Submission of Dimensional Duct lay out/ General arrangement drawing . Submission of exact dimensional duct layout drawing as per site conditions for approval of bank's engineer (to be submitted within 1 week from the receipt of work order).	1	Lot	
B	WALL SPLIT ACs :			
12	Supply of Inverter Model Hiwall split Air Conditioners (minimum BEE 3 star rated Airconditioner) with Full Copper Condensor coils and Rotary type compressor sufficiently filled with Ozone friendly R32/ R410 Refrigerant Gas, with 3 mtrs of Copper piping (Covered with 9 mm thick closed cell nitrile rubber foam), Cordless remote & other fasteners etc.			
a	1.5 (1-Ph) TR (For Branch Manager Room & VIP lounge)	2	Nos	
b	1.0 (1-Ph) TR (For Cash Incharge Room)	1	Nos	
13	Supply of Voltage Stabilizers for the above Airconditioner as per the following ratings.			

a	4 KVA	2	Nos	
b	3 KVA	1	Nos	
14	Installation, Testing & Commissioning of existing Air conditioners with following capacity along with the necessary accessories completely including stabilizers ...etc as per standards			
a	1.5 (1-Ph) TR (For Branch Manager Room & VIP lounge)	2	Nos	
b	1.0 (1-Ph) TR (For Cash Incharge Room)	1	Nos	
15	Supply & fixing of Support structure for outdoor units made of M S Metallic Structures coated with non rustic paint as per the site conditions with necessary hardware and fasteners for the following AC units.			
a	1.5 (1-Ph) TR (For Branch Manager Room & VIP lounge)	2	Nos	
b	1.0 (1-Ph) TR (For Cash Incharge Room)	1	Nos	
16	Supply, installation, testing and commissioning of Refrigerant Piping (Liquid & Suction Soft Drawn Copper refrigerant piping) covered with Class-1, 9mm thk closed cell nitrile rubber foam wrapped with 0.5mm thick PVC Tape for above Airconditioners for interconnecting the indoor unit and OD Unit, to be suspended from the ceiling (where ever necessary) with proper supports, clamps and a piece of PVC pipe within the clamp to place the copper pipe.	12	Rmt	
17	Supply and installation of Electrical & Control Cables of suitable size (Only one length will be considered even for multiple lines).	18	Rmt	
18	Supply & fixing of Flexible PVC conduit of 0.5 mm thick and suitable dia for the refrigerant piping running in Out door areas to wrap over the nitrile foam gasket of the Copper pipe exposed to weather.	12	Rmt	
C OTHER WORKS :				
19	Drain piping : Supply, installation, testing and commissioning of following size UPVC Drain pipe covered with nitrile rubber foam and PVC tape wrapped on it (for the length within the premises & not required in Out door area), with 'U' trap at the end.			
a	32mm dia, 2mm thk	24	Rmt	
b	25mm dia, 2 mm thk	39	Rmt	
c	20mm dia, 2 mm thk	9	Rmt	
20	Dismantling and Removing of Old Air Conditioners at the existing Premises (Hi wall split Air conditioners of rating 1.0/ 1.5/ 2.0 TR) and handovering to the concerned officials with all accessories	9	No's	
21	Supply and fixing of 40-45 mm PVC casing and capping of non perforated type and White colour finish including laying as per the instructions of Banks Engineer.	12	Rmt	
		GRAND TOTAL (A+B+C):		

--	--	--	--	--

Note:

1. GST as applicable shall be paid extra.
2. All materials shall be selected by the SBI officials or Engineer-in-charge before execution.
3. All the quantities are approx and executed as per site requirement.
4. The Bank reserves the right to select any of the brands indicated in the "List of Approved Makes" in case of delay in delivery of ordered 'make of item'.
5. The contractor cannot claim anything extra if the Bank changes the make but within the list of approved make.
6. Bidder shall visit/ inspect the site before quote.

0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
0
0
0
0
0
0
0
0.00

