

Scottish Church College
1 & 3 Urquhart Square Kolkata -700 006

Notice for quotation

Ref: Tender Estate/SCC /14/2024-2025 Dated 27-08-2024

Contact: Mr. Shibnath Bhattacharyya (M-9836272199)

Mr. Monojit Mondal (M- 9123086001)

Appropriate quotation is invited in sealed cover from eligible bidder /supplier/ vendor for supplying of AC with Installation for Room- P3 (Main Building, 1st Floor) at Scottish Church College.

Basis of Design

Outdoor design condition: Summer: 105°F/40.55° C DBT, 83°F/ 28.3° C WBT

Indoor design condition: 75°F±2/23.8° C ±1, RH 55±5% for all area.

Sl. NO	Room	Floor	Area (Sq. Ft.)	Indoor Units						Outdoor Units		
				QTY	TR	CFM	T-TR	T-CFM	Type	TR	HP	Connectivity
1	Rm no -P3	Main Bld, 1 st Floor	1000	2	4.0	1218	8.0	2436	4 way Cassette	8	10	100.00%
Total (Circuit-2)			1000	2			8.0	2436		VRV-S		



Sl.No	Item	Quantity	Rate	Amount (Rs.)
Part -A				
Equipment part				
	Supply of Factory assembled VRV outdoor units are complete with hermetically sealed swing compressor, Condenser, condenser fan, controller & suitable for R-410A Refrigerant with Cooling only type			
1	VRV outdoor unit:			
1.1	Capacity: 10HP –Front Discharge-Cooling Only Type (VRV S series)	1 no		
2.0	VRV indoor Unit with cordless remote :			
2.1	4 way cassette Type			
	Capacity : 4.0 TR	2 nos		
			Total	



Sl.No	Item	Quantity	Rate	Amount (Rs.)
Part -B				
SITC part				
1	Lifting , Shifting & positioning , installation , Testing & Commissioning of VRV outdoor unit having capacity of Capacity : 10 HP	1 no		
2	Lifting, Shifting & Installation of VRV indoor unit 4 way cassette	2 nos		
3	Ref- Joints/Y-Branch	1nos		
4	Commissioning of VRV system including topping R410A gas as per site requirements. Refrigerant shall be environmental friendly R410a.	7 kg		
5	Supply and testing of N2 Pressure Gas Charge with proper flushing and leak test of all ref-copper pipe including joints.	1 job		
6	Copper Refrigerant piping with insulation: (VRV) Supply, Installation, Testing & Commissioning of Copper Refrigerant piping for VRV system complete with fittings, support, joining, insulation with nitrile rubber commissioning as per specification.	1 lot		
7	Communication Cum Transmission cable: Supply, installation testing & commissioning of control cum transmission wiring in suitable conduits between indoor & outdoor units 2C X 1.0 sqmm Copper	40 rmt		
8	Drain piping : Supply, installation, testing & commissioning of PVC drain water piping complete with fittings 25 mm dia 32 mm dia	10 rmt 10 rmt		
9	Civil work	1 job		
Total				



Sl. No	Description	Basic Cost	GST @	GST amount	Total Amount
1	Supply of VRV Equipment (Part -A)				
2	LOWSIDE -SITC for VRV system				
Total Cost (Part -A +B)					



OR

Basis of Design

Outdoor design condition: Summer: 105°F/40.55° C DBT, 83°F/ 28.3° C WBT

Indoor design condition: 75°F±2/23.8° C ±1, RH 55±5% for all area.

Sl. NO	Room	Floor	Area (Sq. Ft.)	Indoor Units						Outdoor Units		
				QTY	TR	CFM	T-TR	T-CFM	Type	TR	HP	Connectivity
1	Rm no -P3	Main Bld, 1 st Floor	1000	4	2.0	671	8.0	2684	Hi-Wall Mounted	8	10	100.00%
Total (Circuit-2)			1000	4			8.0	2684		VRV-S		



Sl.No	Item	Quantity	Rate	Amount (Rs.)
Part -B				
SITC part				
1	Lifting , Shifting & positioning , installation , Testing & Commissioning of VRV outdoor unit having capacity of Capacity : 10 HP	1 no		
2	Lifting, Shifting & Installation of VRV indoor unit Hi- Wall Mounted	4 nos		
3	Ref- Joints/Y-Branch	1nos		
4	Commissioning of VRV system including topping R410A gas as per site requirements. Refrigerant shall be environmental friendly R410a.	7 kg		
5	Supply and testing of N2 Pressure Gas Charge with proper flushing and leak test of all ref-copper pipe including joints.	1 job		
6	Copper Refrigerant piping with insulation: (VRV) Supply, Installation, Testing & Commissioning of Copper Refrigerant piping for VRV system complete with fittings, support, joining, insulation with nitrile rubber commissioning as per specification.	1 lot		
7	Communication Cum Transmission cable: Supply, installation testing & commissioning of control cum transmission wiring in suitable conduits between indoor & outdoor units 2C X 1.0 sqmm Copper	50 rmt		
8	Drain piping : Supply, installation, testing & commissioning of PVC drain water piping complete with fittings 25 mm dia 32 mm dia	20 rmt RO rmt		
9	Civil work	1 job		
Total				



Sl. No	Description	Basic Cost	GST @	GST amount	Total Amount
1	Supply of VRV Equipment (Part -A)				
2	LOWSIDE -SITC for VRV system				
Total Cost (Part -A +B)					

This quotation is to be addressed to the Principal, Scottish Church College and has to be submitted to the Principal's office in Scottish Church College, at 1 & 3 Urquhart Square, Kolkata - 700 006, in due prescribed format on working day between 11:00 A.M. and 3:00 P.M. The bid / tender may be submitted from 28-08-2024 & closed on 03/09/2024. The Selection /opening will be made at the College office at 3:00 P.M. on 04/09/2024.

The Authority of the College reserves the right / discretion for selection based on experience, amount, quality of the bid & bidder.

Madhumanjari Mandal
 Dr. Madhumanjari Mandal
 Principal

Principal
 Scottish Church College
 Kolkata

27/8/24

