

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

Notice for quotation

Ref: Tender Estate/SCC /16/2024-2025 Dated 10-09-2024

Retendering of Estate /SCC/14/2024-2023 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.

Category – I (VRV type)

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 -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)					



Category -II (Non VRV)

Wall Mounted System

Part -A					
High Side					
Sl No.	Description	Qty	Unit	Price	Amount (Rs.)
<u>1</u>	Wall mounted AC Unit				
<u>1.1</u>	Capacity 2.0 tr. inverter type	4	Nos		
Total Equipment Base Price					
GST					
Total equipment price with GST					

Part -B					
Low side					
Sl. No.	Description	Qty	Unit	Price	Amount (Rs.)
A- Installation , testing & commissioning of inverter AC unit					
1.	Wall mounted Capacity 2 Tr.	4	Nos		
II- M.S.Bracket Angle for Outdoor units					
	Capacity 2TR.	4	Nos		
III	Commissioning of AC units including topping R410A/R32 gas as per site requirements	4	KG		
IV	SITC of copper refrigerant pipe for wall mounted AC	60	Rft		
V	SITC of control cum communication cable from outdoor to indoor 6CX2.5 sqmm	65	Rft		
	SITC of copper cum communication cable from outdoor to indoor 4C x 2.5 sq.mm	45	Rft		
VI	Drain pipe		RMT		
	25mm dia hard	25	RMT		
	32mm dia hard	10	RMT		
VII	Civil Work	1	Job		
Total installation Basic price					
GST					
Total in installation with basic price					

Part A (Total equipment basic price + GST)	
+	
Part B (Total installation Price +GST)	



OR

Casstee system

Part -A					
High Side					
Sl No.	Description	Qty	Unit	Price	Amount (Rs.)
1	Ceiling mounted Cassette unitst				
1.1	Capacity 4.0 tr. Non inverter type	2	Nos		
Total Equipment Base Price					
GST					
Total equipment price with GST					

Part -B					
Low side					
SL. No.	Description	Qty	Unit	Price	Amount (Rs.)
B- Installation , testing & commissioning of non inverter AC unit					
1.	Wall mounted Capacity 4 Tr.	2	Nos		
II- M.S.Brace Angle for Outdoor units					
	Capacity 4TR.	2	Nos		
III	Commissioning of AC units including topping R410A/R32 gas as per site requirements	4	KG		
IV	SITC of copper refrigerant pipe for cassette AC	60	Rft		
V	SITC of control cum communication cable from outdoor to indoor 6CX2.5 sqmm	65	Rft		
	SITC of copper cum communication cable from outdoor to indoor 4C x 2.5 sq.mm	45	Rft		
VI	Drain pipe		RMT		
	25mm dia hard	25	RMT		
	32mm dia hard	10	RMT		
VII	Civil Work	1	Job		
Total installation Basic price					
GST					
Total in installation with basic price					

Part A (Total equipment basic price + GST)	
+	
Part B (Total installation Price +GST)	



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 10-09-2024 & closed on 16-09-2024. The Selection /opening will be made at the College office at 3:00 P.M. on 17/09/2024.

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

10/9/24

Principal
Scottish Church College
Kolkata