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, $\mathbf{1}^{\text{st}}$ 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 \pm 2/23.8° C \pm 1, RH 55 \pm 5% for all area.

TOTAL TOTAL	Room	Floor	Area	Indoor Units				Outdoor Units				
NO			(Sq. Ft.)	QTY	TR	CFM	T- TR	T- CFM	Туре	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	2)	1000	2			8.0	2436			VR	<u> </u> V-S



SI.No	Item	Quantity	Rate	Amount (Rs.)
Part -A			Nace	Amount (NS.)
Equipm	nent 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		



SI.No	Item	Quantity	Rate	Amount (Rs.)
Part -B			1	Amount (NS.)
SITC pa	rt	-		
				T
1	Lifting , Shifting & positioning , installation , Testing & Commissioning of VRV outdoor unit having capacity of Capacity : 10 HP			
2		1 no	1.	
4	Lifting, Shifting & Installation of VRV indoor unit			
	4 way cassette	2 nos		
3	Ref- Joints/Y-Branch	1nos		
1	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		
5	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		
	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		
	Drain piping :			
	Supply, installation, testing & commissioning of PVC drain water piping complete with fittings 25 mm dia 32 mm dia	10 rmt 10 rmt		
	Civil work	1 job		



SI. No	Description	Basic Cost	GST @	GST amount	Total Amount
1	Supply of VRV Equipment (Part –A)				Total Allound
2	LOWSIDE -SITC for VRV system	V.5			



Basis of Design

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

Indoor design condition: 75°F $\pm 2/23.8^{\circ}$ C ± 1 , RH 55 $\pm 5\%$ for all area.

Sl. Room Floor			Area	Indoor Units .					Outdoor Units			
NO			(Sq. Ft.)	QTY	TR	CFM	T- TR	T- CFM	Туре	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%
Tota	(Circuit-2	2)	1000	4			8.0	2684			VR	V-S



SI.No	Item	Quantity		Rate	Amount (Rs.)
Part -A					ranount (its.)
Equipm	ent 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:		The state of the s		
1.1	Capacity: 10HP –Front Discharge-Cooling Only Type (VRV S series)	1 no			
2.0	VRV indoor Unit with cordless remote:				
2.1	Hi- Wall Mounted Type				
	Capacity: 2.0 TR	4 nos			



	Item	Quantity	Rate	Amount (Rs.)
Part -B				
SITC pa	art	_		
1	Lifeing Chifein on the chi			
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	20 rmt		
	The state of the s	RO rmt		
9	32 mm dia Civil work	RO rmt		

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



Category -II (Non VRV)

Wall Mounted System

Part -A					
High Sic	de	Andrew			
SI No.	Description	Qty	Unit	Price	Amount (Rs.)
1	Wall mounted AC Unit			11100	Amount (ns.)
1.1	Capacity 2.0 tr. inverter type	4	Nos		
			Total I	quipment Base Price	
				GST	
			Total equip	ment price with GST	

Part -B					
Low sid	e				
SL. No.	Description	Qty	Unit	Price	Amount (Rs.)
A-	Installation , testing & con	nmissioning o	of inverter AC unit		The state (1.5.)
1.	Wall mounted			T	
	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		
-100	32mm dia hard	10	RMT		
VII	Civil Work	1	Job		
			Total insta	llation Basic price	
				GST	
			Total in installatio	n with basic price	

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



Casstee system

High Sic	le		7		
SI No.	Description	Qty	Unit	Price	
1	Ceiling mounted Cassette unitst			Frice	Amount (Rs.)
1.1	Capacity 4.0 tr. Non inverter type	2	Nos		
			Total Eq	uipment Base Price	
				GST	
			Total equipn	nent price with GST	

Part -B Low sid	9				
SL. No.	Description	01	-		
		Qty	Unit	Price	Amount (Rs.)
D-	Installation , testing & con	mmissioning	of non inverter AC un	iit	· · · · · · · · · · · · · · · · · · ·
1.	Wall mounted		· · · · · · · · · · · · · · · · · · ·		
	Capacity 4 Tr.	2			
II- M.S	Bracket Angle for Outdoor		Nos		
101.5.	pracker Wildle for Onfgool	units			
	Capacity 4TR.	2	Nes		
III	Commissioning of AC	4	Nos		
	units including topping R410A/R32 gas as per site requirements		KG		
IV	SITC of copper	60	Df4		
N. V.	refrigerant pipe for cassette AC	00	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		
/ II	Civil Work	1	Job		
				allation Basic price	7-1-1-11
			Total hist	GST	
			Total in installati	on with basic price	

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

CHURCA (COLKATA-6)

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.

Dr. Madhumanjari Mandal

Principal

Principal Scottish Church College Kolkata