

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

**Notice for quotation**

**Ref: Tender Estate/SCC /22/2024-2025 Dated 12-12-2024**

Contact: Mr. Shibnath Bhattacharyya (M-98362-72199)  
Mr. Monojit Mondal ( M- 9123086001)

Appropriate quotation is invited in sealed cover from eligible bidders' /suppliers/ vendors for Electrical work ( Pre no-2) with the following specifications

Sl. No.	Description of Item	Unit	Qty	Rate (Rupees)	Amount (Rupees)
1	<p><b><u>Wiring:</u></b> <b>Primary Point Wiring:</b> Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.</p>	Point	10		
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
2.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	10		
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	1		
2.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Metre	1		
2.4	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	1		
	<b><u>Main Panel :</u></b>				



3 Supplying, drawing, fabrication, installation, testing and commissioning of **Main Panel** suitable for use on 415 V, 3 Ph., 4 wire system, dust and vermin proof sheet steel (2 mm. thick) encloser, floor mounted cubicle type, complete with all accessories like indicating lamp, instrument fuse units, earthing terminals, danger plate, inter-connection wiring, identification lettering, incoming and outgoing cable compartment etc. Each unit shall be accommodated in a totally separate compartment having gasketed hinged door with locking arrangement. The panel board shall comprise of the following components complete with floor mounting brackets made of MS angle suitable for mounting on floor, powder coated light grey or approved colour painting over red oxide and all allied civil works. The work also includes internal wiring by PVC insulated copper wire/bar of appropriate size with proper termination etc. The complete fabrication, construction shall be done as per the detailed specification and conforming to the relevant IS. Approval of Manufacturer's drawings from Consultant or Employer is required before commencing manufacture. (As per SLD)

Supplying and fixing of following accessories in the above Main Panel:

**Incoming component :-**

1 no. 415V, 200A. 4P MCCB (25 KA) with TM release. (From Grid)

**Instrumental component :-**

1 nos. 0-100A, Ammeter with 3 nos. 100:5A CTs and 4 positions (3 way & off) selector switch.

1 nos. 0-500V, Voltmeter with TPN MCB and 4 positions (3 way & off) selector switch.



	<p>6 nos. LED type indicating lamp for incoming with 6A TP MCB.</p> <p><b>Busbar component :-</b>  1 set. 250A, 415V, 3PH, 4 Wire, 50 HZ. Al. busbar.  1 no. 25mm x 6mm G.I. earth busbar.</p> <p><b>Outgoing component :-</b>  4 nos. 100A TPN MCCB  2 nos. 240V, 32A, DP, MCB, "C" Curve, 10 kA  4 nos. 415V, 40A, 4P, MCB, "C" Curve, 10 kA  Complete the above as stated.</p>	Set	1		
<b>4</b>	<p><b><u>(Distribution Board)</u></b>  Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</p> <p>12 way, Double door</p> <p><b><u>Incoming:</u></b>  32A, DP, MCB, "C" Curve</p> <p><b><u>Outgoing:</u></b>  6 to 16A, SP, MCB, "C" Curve</p>	Each	1		
<b>5</b>	<p>Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, PPI (Per Phase Isolation) MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</p> <p>4 way TPN MCB DB, Double Door (PPI DB)</p> <p><b><u>Main Incomer:</u></b>  40A, 4P, MCB, "C" Curve</p>	Each	4		



	<b>Outgoing:</b> 6 to 16A SP, MCB, "C" Curve (As per SLD)	Each	48		
6	6 way TPN MCB DB, Double Door (PPI DB)  <b>Main Incomer:</b> 32A, 4P, MCB, "C" Curve  <b>Sub Incomer:</b> 25A, DP, RCCB, 30mA  <b>Outgoing:</b> 6 to 20A SP, MCB, "C" Curve (As per SLD)	Each	0		-
		Each	0		-
		Each	0		-
		Each	0		-
7	<b>Cable, Termination:</b> Supplying, laying/ fixing of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade aluminium conductor armoured cable of following sizes on wall/ surface/ cable tray /cable trench clamped with 1 mm thick saddle etc. as required.				
7.1	3½C x 35 sq.mm.	Metre	140		
7.2	4C x 16 sq.mm. Armoured AL cable	Metre	1		
7.3	4C x 10 sq.mm. Armoured AL cable	Metre	1		
7.4	3C x 6 sq.mm. Armoured AL cable	Metre	30		
8	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
8.1	3½C x 35 sq.mm. (50mm)	Each	8		
8.2	4C x 16 sq.mm. Armoured AL cable	Each	1		
8.3	4C x 10 sq.mm. Armoured AL cable	Each	1		
8.4	3C x 6 sq.mm. Armoured AL cable	Each	6		
9	Supply, installation, testing & commissioning GI Perforated Cable Tray (Hot Dip Galvanized) of best quality with necessary arrangement etc. As required.: (For				



	Horizontal Run)				
9.1	300 mm width X 50 mm depth X 1.6 mm thickness	Metre	3		
9.2	150 mm width X 50 mm depth X 1.6 mm thickness	Metre	3		
10	<p><b><u>Earthing:</u></b></p> <p><b>GI PIPE EARTHING</b></p> <p>Supply, installation, testing, and commissioning of earthing station with 50 mm. NB, 3.64 mm. wall thickness medium duty (as per IS 9295-1983) 3 mtr. Long perforated hot dipped GI pipe earthing electrode complete with all required accessories like GI nut, bolt and washer, salt, charcoal etc. The scope includes supply and construction of brick masonry chamber/ Inspection Pit with heavy duty CI frame and hinged cover (450 x 450 mm) for body earthing of electrical equipment as per specification, relevant standard and drawings.</p>	Nos.	3		
11	<p>Supplying, laying and connection of earthing strips shall run on wall / cable trench below the earth soil (including excavation) from earth station to equipment Neutral/ equipment body with accessories like earthing clamp, saddle etc. 25 x 6 mm. GI strip</p>	Mtr.	10		
12	<p><b><u>GI WIRE</u></b></p> <p>Supplying, laying and connection of earthing strips shall run on wall / cable trench below the earth soil (including excavation) to equipment Neutral/ equipment body with accessories like earthing clamp, saddle etc. 10SWG GI strip .</p>	Mtr.	100		
	<b>Total</b>				
	<b>ADD GST @ 18%</b>				
	<b>Net Total</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 **12-12-2024** & closed on **19-12-2024**. The Selection /opening will be made at the College office at 3:00 P.M. on **20-12/2024**.

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

