

South City College Co-ordination Committee

Sivanath Sastri College
Heramba Chandra College
Prafulla Chandra College



23/49, Gariahat Road
Kolkata – 700 029
Phone: 033- 2461-1236 / 2689

Ref:

Date: 03.05.2023

Quotations are being invited by the undersigned for the following work. Last date of submission of tender quotation is 11.05.2023. Please submit quotation to the Head Clerk of any college of this building. Tender will be opened on 15.05.2023 at 3 pm.

Installation of the College Solar System

Sl. No.	Item	Description	qty
1	Solar PV Module	330 Wp Polycrystalline, Tier 1, BIS Certified Make ware / Adani / Vikaram	31
2	Solar Inverter	String Inverter with Inbuilt MPPT Charge Controller Size: 10 Kw Make : ABB	1
3	Module Mounting Structure	Module mounting structure of Anodized Aluminium, can withstand wind speed of 150 Km/Hr	1
4	Solar DC Cble	DC Solar cable 1*4 mm ² 1.1 kV Grade XLPO insulated Copper make: Polycab	As required
5	LT Cable	LT cable 4*6 mm ² 1.1 kV Grade XLPE Insulated Armoured Aluminium Make: Mescab/Polycab	As required
6	AJB	Outdoor Array Junction Box (2in 2 out) IP65 Poly Carbonate Enclose, (+)ive and (-)ive DIN Rail type String Fuses and DC SPD TYPE II	1
7	ACDB(LT)	AC Distribution Box (1 IN 1 OUT) Wall mounting IP65 with AC MCB, AC SPD, MFM Phase Indicator etc.	1
8	GIP (LT)	Grid Interfacing Panel (1 in 1 OUT) Wall Mounting IP65 with AC MCB, AC SPD, Phase Indicator etc	1
9	Electrical Acc.	Rigid PVC Wiring Conduit, GI Cable Tray, MC4 Connectors, Shaddle, Lugs, Bullets, Screw, Facterners, Gland, Ferrule, Cable Tie & Other Electrical Accessories as Required for the Power Plant.	1

10	Civil Material	Civil Material (Sand, Bricks, Cement, Chips etc) Required for PCC Pedestals and Earthing Pits	1
11	Earthing Protection	2.1m x 500 mm Pipe Earth Electrode, Backfill Compound 25*3 mm GI Strip with Sleeve, PVC Bar Shaddle, Pit Chamber (550 x 550 x550) mm, Ci Pit Cover (300x300)mm Pit at DC side: 2 Nos, Pit at AC side: 2 No.	4
12	Cleaning	UPVC Water Pipe Lining with Nozzle, Tap, Hose Pipe, Bucket, Mug and Wiper	30
13	Fire Protection	C02 Type Fire Extinguisher, Sand Bucket with Stand etc	1
14	Misc.	Caution Board, safety Signage, Paint etc	1

Chakrabarti

President
South City College Co-ordination
Committee
Kolkata 700029