

Tender Notice

DAC/NIT-23/2024-25, dated 17.09.2024

Sealed Tenders are invited from qualified bidders in connection with Annual Maintenance of 2 x 10 nos. Grid-connected Rooftop Solar Photovoltaic System. The tenderers must submit teander with their terms and conditions along with the following documents within 24th September, 2024 (up to 1-00 p.m.) in hard copy to the Principal's Office:

1. Copy of the valid Trade License
2. Copy of PAN
3. Copy of GST Registration Certificate
4. Other relevant documents

A. Details of the system installed at Dinabandhu Andrews College, Garia, Kolkata 700 084 are as follows:

1. Type –On Grid
2. PV capacity- 20 kWp
3. PV Module – 80Nos., Sova Solar, 250Wp 60cells
4. Inverter – 2 Nos, Kaco new energy GmbH., Powador 12 TL3,
5. AJB (2nos) with DC SPD and fuse
6. IIP (2nos) with AC SPD
7. GIP (2nos) with SPD MCB
8. Net Meter/ Check Meter (2nos)

B. Scope of work:

1. Attending all break-down calls – Next Business Day Support
2. Rectification within 2 working days from the date of attending the call
3. Inverters if not working will either be repaired or replaced with an inverter of equivalent capacity.
(Including spares)
4. Problems with modules to be identified and reported.
5. Cables, Fuses, SPD, MCBs & MCCBs, like consumables will be provided to us. However, the laying and / or re-installation of these items are in the scope of this AMC.
7. Civil repairs will be in our scope however if the Module mounting structure becomes unusable then the same will have to be discussed with us.

Sd/
Principal
Dinabandhu Andrews College

8. Preventive Maintenance as per requirement whose scope will include- (minimum 4nos)

- a. System Cleaning including modules, inverters and accessories
- b. System check up including hot spot detection with thermal gun
- c. Generation data collection – to be shared
- d. Inverter cleaning and tightness of cable check-up of AC, DC and earthing.
- e. Health check up of Inverter
- f. Health Check up of AJB, IIP GIP and other accessories
- g. Health Check up of consumables like MCB, SPD, MC4 connectors
- h. Check up of MMS nut & bolt tightness, Module nut and bolt tightness
(If any nut bolt is missing then it must be replaced free of cost)
- i. Check up of Earth-pit connectors, cable lay and earthstrip
- j. Earth pit health check up

9. Force Majeure is applicable.

For damages due to lightning strikes/cyclones/Earthquakes/Fire/Over voltages from Grid side/riot etc. are not in the scope AMC.

C. Other Eligibility and Experience:

1. The offer should come from a concern of having minimum 10 years of experience in Solar Supply, Installation, commissioning and Maintenance.
2. The tenderer must have experience in Supplying/Installation/Commissioning/Maintenance of Solar Power Plants of capacity of 5 kWp or above
3. The tenderer should have knowledge and experience in repairing and servicing of KACO gMbh brand of inverter installed in our system.

Tenders will be opened on 25th September, 2024 preferably in presence of the Tenderers.

**Sd/
Principal
Dinabandhu Andrews College**