

Solar PV module enlistment process under IDCOL Solar Rooftop Projects

Document Checklist:

1. Forwarding letter to ED and CEO of IDCOL mentioning model number, capacity of solar modules i.e. ABC-85 (85Wp) and details of the contact person.
2. Test report for 2 samples of each model from IDCOL approved testing facilities.
3. The following IEC certificates for PV module:
 - a) International Electro technical Committee (IEC) 61215:2005: for Crystalline Silicon Terrestrial PV Modules Design Qualification and Type Approval.
 - b) IEC 61646: for Thin Film Silicon Terrestrial PV Modules Design Qualification and Type Approval.
 - c) IEC 61701 Ed 2.0: Salt mist corrosion testing of PV Modules.
 - d) IEC 61730 for safety equipment.
 - e) PID test certificate (IEC 62804 or equivalent).
4. ISO 14001:2004/2005 and OHSAS 18001:2007 certified from a certification body approved by International Accreditation Forum (IAF) or American International Accreditation Organization (AIAO).
5. Environmental clearance certificate from the Department of Environment.
6. Environmental and Health Safety (EHS) Assessment report/ISO 14001:2004[2005] and OHSAS 18001:2007 compliance report.
7. Data specification sheets for all models from the manufacturer.
8. Warranty certificate from the module manufacturer.
9. Agency agreement between the supplier and the manufacturer.
10. Audit report.
11. Company Profile mentioning years of operation, area of operation and status of sister concern organizations etc.

Test Report:

Test Report of Photovoltaic Modules should include the following data at STC:

- i. I-V and P-V characteristics
- ii. Output (Wp)
- iii. Open circuit voltage (Voc)
- iv. Short circuit Current (Isc)
- v. Voltage at Maximum Power (Vmp)
- vi. Current at Maximum Power (Imp)

- vii. Efficiency ($\eta\%$)
- viii. Fill Factor (FF)
- ix. Maximum System Voltage (V)

Application Guideline:

1. Model names of the PV modules must be identical and highlighted in all submitted documents.
2. Model names of the PV modules must be unique to avoid confusion with other applied models.

Application Fee:

Application fee has to be paid in pay order in favor of 'Infrastructure Development Company Limited'.

Item	Fee per model	VAT @ 15%	Total Fee (Including VAT)
Solar Panel	BDT 10,000	BDT 1,500	BDT 11,500