

# 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 Bangladesh University of Engineering and Technology (BUET).
3. IEC 61215 certificate for crystalline modules and IEC 61646 for thin film modules.
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                |