

Invitation of Expression of Interest for Empanelment of Agencies for Supply /installation of Solar Powered Devices (below 1KW) in Kerala under Distributed Power Generation. (Off Grid)

Corrigendum 1 to Notification No. ANERT – Tech/85/2017- TO(MJ) dated 26th August 2017.

1. Envelops and Contents (Section 7).

The Bidding procedure in 7.1 Item -3 in Expression of Interest document is revised as follows:

Attested Copy of proof of the bidder being approved Channel partner of MNRE for off-grid/On-grid Solar Photovoltaic applications with valid accreditation – Flag 3 (Page no. 9, section 7.1, item 3)

2. Eligibility Criteria (Section 11)

The pre – qualification criteria 11.1 in Expression of Interest document is revised as follows:

For participating in solar off-grid programme, the Agency should be an approved channel partners for off grid or On-grid solar photovoltaic applications with valid accreditation as on date of submission of EOI – Attested copy of certificate has to be submitted. (Page no. 15, Section 11.1)

3. Technical Specification of Solar Lantern (Section 15)

The technical details of Battery in 15.2 in the Expression of Interest document is revised as follows:

(i) 75 Wh (+20% permissible), Lithium Ferro phosphate battery (IEC/IS test certificate should be submitted with the document.)

4. Technical Specification for Solar Home lighting System (Section 16).

The specification and certification requirement for 300 W/500 W AC Solar System 16.4 in Expression of Interest document is revised as follows:

All the electrical installations shall be certified by the technical experts of ANERT.
(Page no. 31, para 8)

DC Combiner box (without meters) with suitable capacity MCB to receive the DC output from the array field shall be provided. (Page no. 32, para 4)

5. Technical Specification for Solar Home lighting System (Section 16)

Minimum technical requirements in table 2.4 in the Expression of Interest document is revised as follows:

| System Component | Capacity | Capacity | Minimum Technical Compliance |
|--|----------------------------|-----------------------|--|
| Solar panel | 500 W _p | 300W _p | IEC 61215 / IS14286, IEC 61730 Part 1 & II IEC 61701 or equivalent BIS standard |
| Battery | 3600Whr | 2880Whr | IS1651/IS13369 /IEC 61427/IS15549 or equivalent BIS standard |
| Power conditioning Unit | 500 VA – 1kVA (min 500 VA) | 300VA-1KVA(min 300VA) | IEC 61683 / IS 61683 IEC 60068-2 (1, 2, 14, 30) / Equivalent BIS Std Efficiency 85% and above at full load THD <5% |
| Cables | | | IEC 60227 / IS 694 IEC 60502 / IS 1554 (Pt. I & II) |
| Switches/ Circuit Breakers/ Connectors | | | IEC 60947 part I,II, III / IS 60947 Part I,II,III EN 50521 |
| Junction Boxes /Enclosures for Inverters/ Charge Controllers | | | IP 54 (for outdoor) or IP 65 / IP 21(for indoor) as per IEC 529 |

6. Technical Specification for Solar Streetlights (Section 17.6)

Special Condition for Solar LED Streetlights in 17.6 in the Expression of Interest document is revised as follows:

Solar Module must have IEC 61215, IEC 61730 & IEC 61701 or equivalent BIS standard. Copy of the test certificate should be attached with the tender document (for the quoted model of module)

White Light Emitting Diode (W-LED) (SMD-LED) with minimum 150 lumen/watt.
(Page no. 39, section 17.6, item no. 7)

This corrigendum should also be signed and submitted with EOI document.

14/09/2017

**Sd/-
DIRECTOR**