



ABSTRACT

Empanelment Original Equipment Manufacturer (OEM) of Solar Inverter having capacity up to 30 kVA- orders issued.

Corporate Office (Renewable Energy and Energy Savings)

**B.O. (FTD) No. 223/2021 (CE (REES)/Re Projects/Vendor-PCU/2020-21/1656)
Thiruvananthapuram, Dated 27.03.2021.**

Read: -

- 1) Minutes of Technical Committee dated 12.12.2017
- 2) Office Order (DT, O & REES) No. 1181/2020 (CE (REES)/RE Projects- Tech Committee/2020-21), Thiruvananthapuram, dated 09.09.2020
- 3) BO (FTD) No. 197/2021 (CE (REES)/RE Projects/AEE6/Solar - General/2020-21/1416) dated 26.02.2021
- 4) Note No. CE (REES)/RE Projects/Vendor- PCU/2020-21/1654dated 23.03.2021 of the Chief Engineer (Renewable Energy & Energy Savings) submitted to the Director (Planning, Safety & REES)
- 5) Note No. CE (REES)/ RE Projects/Vendor - PCU//2020-21/1656 dated 23.03.2021 of the Chief Engineer (REES) submitted to the Full Time Directors, KSEB (Agenda 70/3/21)

ORDER

At present, large number of Grid interactive Solar Projects of consumers are progressing and are about to be commissioned. it is necessary to conduct the mandatory grid connectivity test for these Solar Plants. The present grid connectivity testing teams are now overloaded due to large number of prosumers are coming up for the grid connectivity for their RE plants.

In order to reduce the testing delay, KSEBL as per order read as (3)rd has accorded sanction for 10 more additional testing teams for the mandatory testing for grid connectivity on temporary basis till the selection of vendors of grid inverters up to 30 kVA capacity is finalized. Hence it is time to prepare list to empanel credible OEM for Solar Inverters having capacity up to 30 kVA for a period of 3 years

The Chief Engineer (Renewable Energy & Energy Savings) as per note read as 4th above has informed that during tender evaluation, the then Technical Committee as per paper read (1) above recommended that selection of credible OEM of PV Modules and Inverters has to be done for all future tenders.

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The Chief Engineer (Renewable Energy & Energy Savings) further informed that it is the need of time to select credible list of empanelled Original Equipment Manufacturer (OEM) for Solar Inverters having capacity up to 30 kVA with KSEB Ltd. And the purpose can be materialized if KSEB Ltd invites " Empanelment of grid tied Solar Inverters from reputed OEM having BIS for items wherever Indian Standards exists, IEC, ISO certification from India, fulfilling minimum eligibility requirement, for getting registered with KSEB Ltd as empanelled Original Equipment Manufacturer (OEM) for Solar Inverters having capacity up to 30 kVA in setting up of grid tied SPV Projects.

Considering the facts reported therein, the Chief Engineer (Renewable Energy & Energy Savings) as per note read as 4th above has recommended the following:

1. KSEBL invites a tender to prepare a credible list of empaneled grid tied OEM Solar Inverters having capacity up to 30 kVA for a period of 3 years. The selection of eligible OEM shall be done by the Technical Committee constituted for evaluating the tenders of Solar Projects (Ref 2).
2. Grid connectivity testing of Solar Power Plant can be exempted if the developers or prosumers are using the empanelled OEM Solar Inverters; however random testing may be continued as and when necessary.

The Director (Planning, Safety & REES) with full additional charge of Soura directed to place matter of Empanelment Original Equipment Manufacturer (OEM) of Solar Inverter having capacity up to 30 kVA with the suggestions of the Chief Engineer (Renewable Energy & Energy Savings) before the Full Time Directors of KSEBL for approval.

The matter was placed beofre the Full Time Directors as per note read as 5th above. Having considered the matter in detail above, the Full Time Directors in the meeting held on 23.03.2021

1. Resolved to authorise the Chief Engineer (Renewable Energy & Energy Savings) to invite proposals to prepare a list of empanelled Original Equipment Manufacturer (OEM) of Solar Inverters having capacity up to 30 kVA for a period of 3 years.
2. Further resolved that the selection for empanelment of OEM Solar Inverters be approved by the Technical Committee constituted vide Office Order (DT, O & REES) No. 1181/2020 (CE (REES)/ RE Projects- Tech Committee/2020-21), Thiruvananthapuram, dated 09.09.2020.
3. Further resolved to entrust the Chief Engineer (Renewable Energy & Energy Savings)) to nominate 2 officials per factory inspection for assessing production capabilities and quality of Solar Inverters (Power Conditioning Units).

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4. Further resolved to exempt the Solar Power Plant grid connectivity testing if using the emapanelled OEM Solar Inverters up to 30 kVA capacity. However random testing may be continued as and when necessary.

Orders are issued accordingly.

By Order of Full Time Directors

Sd/-

Lekha G

(Company Secretary (In Charge))

To:

The Chief Engineer (Renewable Energy & Energy Savings)

Copy to:

The Chief Engineer (IT & CR)/The Financial Advisor/ The Chief Internal Auditor / TA to Chairman & Managing Director/ PA to Director (Finance)/ TA to Director (T&SO)/ TA to Director (Generation Electrical & SCM)/ TA to Director (Generation Civil/ TA to Director (Distribution, IT&HRM)/TA to Director (Planning, Safety & REES) with full additioanl charge of Soura/ Senior CA to Secretary (Admn.)/Company Secretary/ Fair copy Section/Library/Stock File.

Forwarded /By Order


Assistant Executive Engineer