



കേരളം നവീകരിക്കുന്നു



## KERALA STATE ELECTRICITY BOARD LIMITED

(incorporated under the Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram- 695004, Kerala

Phone: +91 471 2447404, Fax: 0471 2558340, E-mail: [cerees@kseb.in](mailto:cerees@kseb.in)

website : [www.kseb.in](http://www.kseb.in). CIN :U40100KL2011SGC027424

### ABSTRACT

**Sub :- Establishment of Renewable Energy Data Centre at the Vidyuthibhavana  
Thiruvananthapuram – expenditure -Sanctioned - Orders issued  
Corporate Office (Renewable Energy and Energy Savings)**

**B.O (FTD) No. 131/2021/CE(REES)/INNOV-Emob/2020-21, Tvm, dated 15.02.2021**

- Read:-
1. GO (Rt) No 111/2018/Power dated 8.6.2018
  2. BO (FTD)No 1834/2018(CE(REES)/Projects/AEE I/Business Model/2018-19  
Thiruvananthapuram dated 11.10.2018
  3. B.O (FTD) No. 146/2019 /CE(REES)/INNOV/T4/DCC/2018-19 TVM  
dated 19. 2.2019 .
  4. Note No CE(REES)/INNOV/T4/DCC/2020-21/1094 of the Chief Engineer  
(REES) dated 23.12.2020
  5. Note No ACA/Datacenter/2020-21 dated 28.12.20 of Deputy Secretary  
(Admin)
  6. Note no. CE(REES)/INNOV/T4/DCC/2020-21/1288 of Director (Pg,  
Safety & REES) dated 22.01.2021 submitted to the Full Time  
Directors(Agenda 6/2/21)

### ORDER

The Government of Kerala as per GO read above had accorded Administrative sanction for an amount of Rs. 100 lakhs for pre-project capacity assessment of solar PV stations to the tune of 500MWp through roof top solar installations, as part of developing infrastructure in KSEBL. Consequently, as per Board order read 2 above, the already allocated amount was apportioned whereby an amount of Rs. 52,23,823/- was sanctioned towards purchase of testing equipment and software during the year 2018-19 and to utilize the remaining amount of Rs.47,76,176/- for setting up of a Renewable Energy Data Control Center at the office of the Chief Engineer (REES), Vidyuthi Bhavanam for monitoring the status and energy generation from solar plants within the State.

As part of the "URJA KERALA MISSION", KSEBL is embarking on an ambitious capacity enhancement programme in the solar sector with a target capacity of 500MW by public participation. As part of it, solar plants of various capacities ranging from few kilowatts to megawatts levels are being established throughout Kerala with the active participation of general public, other private parties/organisations etc. The availability of real time operational data at SLDCs, RLDCs, NLDCs including the power utilities is an essential system requirement for safe and stable system operation. As per CERC regulations, real time SCADA visibility is required for plants of capacity 1MW and above. It is mandatory that all stake holders including the power utilities have to ensure proper functioning of the

for meeting the regulatory requirements, a Renewable Energy Data Control Center was proposed to be set up during this financial year itself as quite a few solar power plants in the capacity of MW range were expected to be installed in the near future.

In view of the above, KSEBL as per BO read (3) above, sanctioned the establishment of a Renewable Energy Data Control Centre at the office of Chief Engineer (Renewable Energy and Energy Savings), Vidyuthi Bhavanam, Thiruvananthapuram in two phases incurring a total expenditure of Rs 1.25 Cr, for the purpose of monitoring and scheduling of renewable energy within Kerala. Sanction was also accorded to tender the first phase of Data Control Centre incurring an amount of Rs.70 Lakh. The work was tendered and LoA was issued to M/S Consyst Pvt Ltd, Ernakulam and the contractor started the work from 19.6.2020. Now the contractor has supplied the materials and KSEBL is bound to pay 50 % of the value of the materials supplied. The amount is Rs. 2490384/-. The necessary documents with invoices were submitted as per note read as above to the office of Secretary (Admin) for releasing the payment.

The Deputy Secretary (Administration) as per note read (5) has reported that the payment to M/s Consyst Technologies (India) Ltd cannot be made from the Government fund as no amount is available in the treasury account for the Data Center as Government has not released any fund for the project and is not likely to release the amount for the project immediately. The expenditure has to be met from the KSEBL fund and has to be recouped.

The matter was placed before the Full Time Directors as per note read 6 above.

Having considered the matter in detail, the Full Time Directors in its meeting held on 4.2.2021 resolved to accord sanction for the following .

1. To meet the expenditure amounting to Rs.1.25 Cr. in respect of establishment of Renewable Energy Data Center being set up at the O/o Chief Engineer (REES), Vidyuthibhavanam from the Board fund.
2. To avail Rs.100 lakh already sanctioned by Government under Innovation and Escot fund as and when the Government releases the same.

Orders are issued accordingly.

By Order of the Full Time Directors

sd/-

LEKHA G

COMPANY SECRETARY(I/C)

To

The Chief Engineer(Renewable Energy and Energy Savings)

Copy to:-

TA to Chairman & Managing Director/TA to Director(Gen (Ele) and SCM)/TA to Director(Dist, IT & HRM)/TA to Director (Trans,SO & safety)/TA to Director (Gen-Civil)/PA to Director(Finance)/Sr.CA to Secretary(Admn.)/Fair Copy Superintendent/ Library/ Stock file.

Forwarded by order,

  
Assistant Executive Engineer