



# KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram - 695 004

CIN : U40100KL2011SGC027424

Website: [www.kseb.in](http://www.kseb.in)

Phone: +91 471 2447404

E-mail: [cerees@kseb.in](mailto:cerees@kseb.in)

## ABSTRACT

Transition to clean and green transportation- Replacement of hired vehicles as well as SUVs of officers/ field offices KSEBL with Electric Vehicles in a phased manner- Invitation of EoI- Sanction accorded- Orders issued.

### Corporate Office (Renewable Energy and Energy Savings)

BO (DB) No.742/2021 (No. CE(REES)/KSEB EVCS/2021-22) Tvm, dated 07.10.2021

- Read: 1. BO (FTD) No. 691/1021 (CE(REES)/KSEB EVCS/2020-21) dated 22.09.2021  
2. Note No. CE (REES)/ KSEB EVCS/2021-22 dated 27.09.2021 of the Chairman and Managing Director  
3. Proceedings of the 60<sup>th</sup> Meeting of the Board of Directors held on 28.9.21 Vide OA 02-09/2021

## ORDER

KSEBL as per BO read as 1<sup>st</sup> above had issued sanction to float tender for hiring 200 Nos. of Electric Vehicles for the Officers of KSEBL in the rank of Executive Engineers and Deputy Chief Engineers in the first phase and 1000 Nos. of Special Purpose Vehicles for the Section Offices and other field offices in the second phase.

The average hiring charge per month for an electric vehicle for a tenure of 6 years for variants such as Tata Tigor/Mahindra E-Verito would be around Rs.30,000/- and for Tata Nexon/equivalent would be around Rs.33,000/-, as per the tender invited by ANERT. Hence the monthly expense towards hiring of 200 Nos. of vehicles would vary around Rs.60 Lakh per month to Rs.66 Lakh. Since the hiring of vehicle is without the driver, considering the minimal expense of Rs.19,000/- month for the cost of hiring driver per vehicle it would incur additional expense of Rs.38 Lakh per month for 200 electric vehicles. While exploring the possibility of purchasing the electric vehicles by considering the EMI option of 5 years with an interest rate of 7.25%, the total EMI is calculated as shown below:

No.	Vehicle	Approximate On Road Price (Rs)	EMI/ Month (5 Years / 7.25 %) (Rs)	No of Vehicles	Total EMI/ Month (Rs Lakh)	Total cost for 5 years (Rs Crores)
1	Tata Tigor/ Mahindra e-Verito/ Equivalent	13L	25895	150	38.8425	23.30
2	Tata Nexon/ Equivalent	16L	31871	50	15.9355	9.56
3	Special Purpose Vehicle for Electrical Sections and Field Offices	13L	25895	1000	258.95	155.37
	Total					188.23

Comparing with the hiring model, the purchase of vehicles is profitable since the vehicle is owned by KSEBL by the end of 5th year and cost of hiring driver will only be applicable after 5 years. The additional expense that has to be incurred is the cost of battery replacement of the vehicle after a period of 6 to 8 years after purchase. The financials of the Special Purpose Vehicles will also be in similar lines.

For charging all these EVs, an adequate number of chargers are required at various locations of KSEBL throughout Kerala. KSEBL has commissioned 6 Electric Vehicle Charging Stations (EVCS) in 6 Corporation areas and the work of 56 charging stations at various locations of KSEBL/Government Organizations is in progress. The above stations are expected to be completed within 2 to 3 months.

In the proposal for inviting "Expression of Interest for the purchase of 200 Electric Vehicles for the Officers of KSEBL in the rank of Executive Engineers and Deputy Chief Engineers and 1000 Nos of special purpose vehicles for the Electrical Section offices and other field offices" may also include provision to provide about 1000 Nos. EV Charging Stations in the KSEBL premises by the EV Manufacturer/Supplier, who will be selected on cost sharing basis.

Being the State Nodal Agency for EV charging stations, as per Government of Kerala EV policy, KSEBL is proactively taking part in State's efforts towards clean transportation. The present move for conversion of more than 1000 conventional vehicles with electric vehicles will definitely give uplift to the various activities being taken up by KSEBL in this direction and a boost to the EV ecosystem of our State as a whole.

The matter was placed before the Board of Directors' meeting held on 28.09.2021 as per note read as 2<sup>nd</sup> above. The Board was informed that Full Time Directors vide BO (FTD) No. 691/1021 (CE(REES)/KSEB EVCS/2020-21) dated 22.09.2021 has accorded sanction to float tender for hiring 200Nos of Electric Vehicles for the Officers of KSEBL in the rank of Executive Engineers and DCEs in the first phase and 1000Nos. of Special Purpose Vehicles for the Section Offices in the second phase. The Board discussed the proposal for replacement of hired vehicles by purchase of Electric Vehicles on EMI basis by meeting the expenditure from the savings on current hiring charges of diesel vehicles.

Having considered the matter in detail, the Board RESOLVED to authorize Full Time Directors to contract after competitive process accordingly.

Orders are issued accordingly.

By Order of the Directors Board,

Sd/-

Lekha G

Company Secretary

**Copy to:**

TA to Chairman & Managing Director/ PA to Director (Finance)/ TA to Director (Transmission & System Operation)/ TA to Director (Planning, Safety & SCM)/ TA to Director (REES, SOURA, Sports & Welfare)/ TA to Director (Generation Civil)/ TA to Director (Generation-Electrical)/ TA to Director (Distribution & IT)/ Company Secretary/ Secretary (Admn.)/ Senior CA to Secretary/ Fair copy Section.

Forwarded by Order

  
Assistant Executive Engineer