



KERALA STATE ELECTRICITY BOARD LIMITED

(incorporated under the Companies Act, 1956)

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

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ABSTRACT

Replacement of hired vehicles/ SUVs of KSEBL with Electric Vehicles in a phased manner starting with Executive Engineers and Officers extending appropriate vehicle to field officers including sections - Invitation of tenders – Sanctioned - Orders issued

Corporate Office (Renewable Energy and Energy Savings)

B.O (FTD) No. 691 /2021 [CE(REES)/KSEB EVCS/2020-21], Thiruvananthapuram,

dated, 22.09.2021

- Read:-1.Memo No. 3/2021 dated 03.08.2021 of the CMD and further discussion held in Director(REES,SOURA,Sports&Welfare)'s chamber on 08.09.2021
2.Note No. CE(REES)/KSEB EVCS/2021-22/985 dated 08.09.2021 of the Chief Engineer (REES) and Chief Safety Commissioner submitted to the Full Time Directors (Agenda 57/9/21)

ORDER

The transport sector accounts for 18% of total energy consumption in India. This translates to an estimated 94 million tonnes of oil equivalent (MTOE) energy. If India were to follow the current trends of energy consumption, it would require an estimated 200 MTOE of energy supply annually, by the year 2030 to meet the demand of this sector. At the moment, this demand is being met mostly through imported crude oil, which therefore makes this sector vulnerable to the volatile International crude oil prices. Moreover, the sector also contributes estimated 142 Million tonnes of CO2 emissions annually, out of which 123 million tonnes is contributed by the road transport segment alone.

Keeping in view the climate change commitments made by Government of India during the COP21 Summit held at Paris to reduce emission intensity by 33-35% by 2030 from 2005 levels, it is pertinent to introduce alternative means in the transport sector which can be coupled with India's rapid economic growth, rising urbanization, travel demand and country's energy security. Electric mobility presents a viable alternative in addressing these challenges.

As the State Power Utility, KSEBL can come forward with the adaption to this environment by replacement of the conventional IC Engine vehicles with electric vehicles for official purposes. Replacement of hired vehicles/ SUVs of KSEBL can be executed in a phased manner starting with the field offices of Deputy Chief Engineers and Executive Engineers of KSEBL and further extending to the Electrical Section Offices with special purpose vehicles which meet its demands

The above matter was brought to the notice of the Full Time Directors as per note read as 2nd above with the proposal for hiring of 200 Sedan Electric Vehicles for field officers in the first phase and 1000 SUV(Special Utility Vehicle) EVs for the Electrical Section Offices and other field offices in the second phase.

Having considered the above, the Full Time Directors in its meeting held on 10.9.2021, resolved to accord sanction to float tender for hiring of 200 Electric Vehicles for the Officers of KSEBL from Executive Engineers and above in the first phase and 1000 Nos of special purpose vehicles with the specifications(as per annexure) for the section offices and other field offices in the second phase.

Orders are issued accordingly.

By Order of the Full Time Directors

sd/-

LEKHA G

COMPANY SECRETARY (I/C)

To

The Chief Engineer (REES) and Chief Safety Commissioner

Copy to:-

TA to Chairman & Managing Director/TA to Director(Gen (Ele) /TA to Director(Dist & IT)/TA to Director (Trans&SO)/TA to Director (Gen-Civil)/TA to Director(Planning,Safety&SCM)/TA to Director(REES,Soura,Sports&Welfare) /PA to Director(Finance)/Sr.CA to (Secretary(Admn))/Company Secretary/Fair Copy Superintendent/ Library/ Stock file.

Forwarded by order,


Assistant Engineer

Annexure to BO (FTD) No. 691 /2021 [CE(REES)/KSEB EVCS/2020-21],
Thiruvananthapuram,dated, 22.09.2021

Specification of Sedan EV for Officers

Fuel Type : Electrical

Body Type : Sedan

Battery Capacity :above 25kW

Range: Above 300 km

Seating Capacity : 5

Specification of Special Purpose Vehicle for Electrical Sections and other Field offices

Fuel Type : Electrical

Body Type : (Maruti Gypsy/Mahindra Bolero /Ordinary Jeep) Model suitable for the Specific purposes

Battery Capacity :above 25 kW

Range: Above 300 km

Seating capacity : 2

Specific Requirements

- 1.Should be able to carry a portable ladder
- 2.Safety equipments should be placed ideally
- 3.should be able to accommodate minimum line materials