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**ANERT**



**AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY**  
DEPARTMENT OF POWER, GOVERNMENT OF KERALA  
Law College Road, PMG, Thiruvananthapuram 695033 • director@anert.in • www.anert.gov.in  
Tel: (+91-471) 2338077, 2334122, 2333124, 2331803 • Fax: (+91-471) 2329853

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## CIRCULAR

Sub: ANERT- Terms & Conditions, Guidelines and Technical specification of Lease contract of various models of Electric Cars- reg

Ref:- 1. G.O.(Ms). No.58/2018/Trans dated 29.09.2018

2. G.O.(P)No.24/2020/Fin dated 07/03/2020

As per the ref (1) cited, from Transport Dept, Govt of Kerala, has issued draft EV Policy for the dissemination of Electric Vehicles in Kerala. As per the ref (2) cited from Finance Dept, Govt of Kerala, has ordered that, all the Govt Departments to hence forth hire only Electric Cars from EESL through ANERT. In addition, it is also ordered that all the Heads of the Departments are also directed to hire only electric vehicles by replacing the already hired Diesel vehicle, with effect from 01/04/2020.

As per above directions, ANERT has invited applications from Government Departments for the supply of E Cars on Lease contract for minimum period for 5/6/8 years. Online portal for registration of E Cars were available in ANERT Website [www.anert.gov.in](http://www.anert.gov.in).

I/7030/2020

I. Terms & Conditions of Lease contract of Electric Car Project provided by EESL.

Sl No	E Car Model	Period of Contract	Vehicle Warranty/ Comprehensive AMC	Motor and Battery Warranty	Monthly Lease Rent (GST Extra)	Annual Escalation
1	Tata Tigor EV / Mahindra-e-verito (SEDAN)	6 years	Warranty including Comprehensive AMC- 5 Years	5 Year or 1,00,000 KM (whichever is earlier)	Rs. 22,500/-	10%
2	Tata Tigor EV / Mahindra-e-verito (SEDAN)	5 years	Warranty including Comprehensive AMC- 5 Years	5 Year or 1,00,000 KM (whichever is earlier)	Rs. 27,000/-	10%
3	Hyundai Kona Electric (SUV)	8 years	Vehicle Warranty 3 Years	8 Year or 1,60,000 KM (whichever is earlier)	Rs. 50,000/-	10%
4	MG ZS EV (SUV)	8 years	Vehicle Warranty 3 Years	8 Year or 1,60,000 KM (whichever is earlier)	Rs. 50,000/-	10%
5	Tata Nexon EV (SUV)	8 years	Vehicle Warranty 3 Years	8 Year or 1,60,000 KM (whichever is earlier)	Rs. 35,000 /-	10%

\* Modifications in the lease contract amount, Annual Escalation charges and any other charges shall be performed based on the order of Govt of Kerala.

II. **Guidelines of Lease contract of Electric Car Project provided by EESL.**

1. Govt. Departments/ Institutions shall visit ANERT website and register through online portal.
2. **Monthly Lease amount for three months shall be paid as advance on or before executing agreement.**
3. Brand New E Vehicle shall be delivered within 60 days from date of receipt of three months deposit amount.
4. Concerned Department shall provide Electrical wiring work from supply point to the location specified for installation of Charger.
5. ANERT shall raise an invoice for the payment of the monthly rental in the first week of every month for the payment due for the pervious month.
6. Period of Deployment is 5/6 Years for TATA TIGOR EV/ MAHINDRA E VERITO and 8 Years for HYUNDAI KONA Electric/ Tata Nexon EV/ MG ZS EV.
7. Monthly Limit shall be 2400 kM. For Vehicle running more than 2400 kM in a month, Rs 3/kM shall be extra charged.
8. Batteries of the E Vehicles can be charged during night time. 3-6 hours required for full charge.
9. In public charging stations (DC Fast charging), it will take 0.5 to 1.5 hours for full charge.
10. Cost of Electricity for Charging will be borne by the beneficiary organization.
11. The E-cars so leased would be privately registered in the name of the ANERT with hypothecation to EESL.
12. The cost of insurance of vehicles would be borne by ANERT/EESL for the period of the contract. The insurance agency would be selected by ANERT/ EESL at its own discretion. The insurance would be comprehensive in nature.

13. Details of Chargers– Portable chargers (2.8–3.3 kW) available with every electric cars. A wall mounted charger (7.2 kW) shall be provided with each Tata Nexon EV/ Hyundai KONA Electric/ MG ZS EV vehicle. So Electrical wiring with all protections shall be done by Beneficiary institution from existing Distribution Board to the place where charger need to install.

**14. Special Offer**

A) AC001 with 3 gun charger 10 KW of capacity will be supplied at free of cost for 3 nos of mahindra e verito/ Tata Tigor EV E cars in a single location.

B) B: DC fast charging station will be installed at free of cost in the beneficiary institution, if they have taken 10 vehicles in a single location for 10 nos of mahindra e verito/ Tata Tigor EV E cars in a single location .

15. For details and online registration, please visit our website: [www.anert.gov.in](http://www.anert.gov.in). Please contact [emobility@anert.in](mailto:emobility@anert.in) , Ph: 9188119427 for enquiries.

16. An agreement has to be executed between ANERT and beneficiary institution.

17. Driver's service (Wet Lease) can be provided by ANERT. Cost of Service of Drivers shall be extra and mentioned below.

Skilled Driver 8 hr Duty (only for Mahindra eVeritto/ Tata Tigor EV)	Rs. 17,500/- + GST
High Skilled Driver with 8 hr Duty	Rs. 20,000/- + GST
High Skilled Driver with 10 hr Duty	Rs. 25,000/- + GST
High Skilled Driver with 12 hr Duty	Rs. 30,000/- + GST

Rs. 200/- to be paid for extra hours

## III. Technical Specification of Available E Cars

Specifications	Mahindra eVeritto (C & D)	TATA TIGOR EV	Hyundai KONA EV	MG ZS EV	TATA NEXON EV
<b>Motor Type</b>	3Phase AC Induction Motor	3Phase AC Induction Motor	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)
<b>Motor Torque</b>	91 Nm	105 Nm	395 Nm	353 Nm	245 Nm
<b>Motor Capacity in kW</b>	31 kW	30 kW	100 kW	105 kW	95 kW
<b>Running km range at full charge</b>	100-140 km	100-140 km	380-450 km	300-340 km	280-312 km
<b>Acceleration</b>	0-60 Kmph in 10.7 seconds	0-60 Kmph in 12 seconds	0-100 Kmph in 9.7 seconds	0-100 Kmph in 8.5 seconds	0-100 Kmph in 9.9 seconds
<b>Battery Capacity in kWh</b>	14- 18.55 kWh	16.2 kWh	39.2 kWh	44.5 kWh	30.2 kWh
<b>AC Slow Charging Time (0-80%)</b>	3.4 Hours (using onboard charger)	4 Hours (using onboard charger)	4.4 Hours (using wall mounted charger)	5 Hours (using wall mounted charger)	3.4 Hours (using wall mounted charger)

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<b>DC Fast Charging Time (0-80%)</b>	45 – 60 mins	45- 60 mins	30-45 mins	35-50 mins	25-40 mins
<b>Brakes</b>	Front : Disc Rear : Drum	Front : Disc Rear : Drum	All Disc	All Disc	Front : Disc Rear :Drum
<b>Wheels</b>	Steel Rims	Steel Rims	Alloy	Alloy	Alloy
<b>Fast Charging Standard</b>	BEVC- DC001	BEVC- DC001	CCS type 2	CCS Type 2	CCS type 2

Director