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ANERT

AGENCY FOR NON-CONVENTIONAL ENERGY & RURAL TECHNOLOGY
(DEPARTMENT OF POWER, GOVT. OF KERALA)



No: ANERT-TECH/55/2020-D-T

16/07/2020

CIRCULAR

Sub: ANERT- Terms & Conditions, Guidelines and Technical specification of Lease contract
Project 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. 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/ Institutions for the lease contract of E Car Project for minimum period for 5/6/8 years. Online registration for lease contract of Electric cars is also available in our website www.anert.gov.in/node/452.



I. Guidelines, Terms and conditions of Lease contract of Electric Car Project

1. Govt. Departments/ Institutions shall visit ANERT website and register through online portal (www.anert.gov.in/node/452) or give request through email emobility@anert.in.
2. Brand New E Vehicle shall be delivered within 45 days from date of receipt of one month deposit amount.
3. Minimum 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.
4. The E-cars so leased would be privately registered in the name of the ANERT with hypothecation to EESL.
5. The cost of insurance of vehicles would be borne by ANERT/EESL during the entire period of the contract. The Insurance agency would be selected by ANERT/ EESL at its own discretion. The insurance would be comprehensive in nature.
6. Cost of Electricity for Charging will be borne by the beneficiary organization. One unit of Electricity is required to run 8-12 Km of E Car approximately. Average Electricity charge is Rs. 0.80 paise to Rs. 1/- per Km.
7. **Monthly Lease amount for one month shall be paid as advance on or before executing agreement.**
8. 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 previous month.
9. There is no monthly Km limit for E Cars.
10. Portable Charger (3.3 kW-3.5 kW) available with every tata Tigor EV/ Mahindra eVerito/ Tata Nexon EV.
11. A portable Charger (2.8 kW) and a wall mounted charger (7.2 kW) is available with each Hyundai Kona Electric/ MGZS EV. Three Phase KSEB connection is required for providing 7.2 kW wall mounted charger.
12. Batteries of the E Vehicles can be charged during night time. 4-8 hours required for full charge.
13. Concerned Department shall provide Electrical wiring work from supply point/ Distribution Panel to the specified car parking area location for installation of Charger.



14.In public charging stations (DC Fast charging), it will take 0.5 to 1 hours for full charge.

15.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. 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 .

16.Online registration, please visit our website: www.anert.gov.in. For details, please contact Head, E Mobility Cell. Email: emobility@anert.in , Ph: 9188119427.

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

Skilled Driver 8 hr Duty (only for Mahindra eVerito/ 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



II. Period of Contract, Warranty & Lease Rent of various models of E Cars

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%

contract amount, Annual Escalation charges and any other charges shall be performed based on the orders of Govt of Kerala.



III. Technical Specification of Various models of E Cars

Specifications	Mahindra eVerito (C & D)	TATA TIGOR EV	Hyundai KONA EV	MG ZS EV	TATA NEXON EV
Motor Type	3Phase AC Induction Motor	3Phase AC Induction Motor	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)	Permanent Magnet Synchronous Motor (PMSM)
Motor Torque	91 Nm	105 Nm	395 Nm	353 Nm	245 Nm
Motor Capacity In kW	31 kW	30 kW	100 kW	105 kW	95 kW
Running km range as certified by ARAI	100-140 km	100-140 km	380-450 km	300-340 km	280-312 km
Acceleration	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
Battery Capacity In kWh	14- 18.55 kWh	16.2 kWh	39.2 kWh	44.5 kWh	30.2 kWh
Brakes	Front : Disc Rear : Drum	Front : Disc Rear : Drum	All Disc	All Disc	Front : Disc Rear :Drum
Wheels	Steel Rims	Steel Rims	Alloy	Alloy	Alloy
AC Slow Charging Time (0-80%)	3.4 Hours (using portable charger)	4 Hours (using portable charger)	4.5 Hours (using wall mounted charger)	5 Hours (using wall mounted charger)	7 Hours (using portable charger)
DC Fast Charging Time (0-80%)	15 - 60 mins	15- 60 mins	15- 60 mins	15- 60 mins	15- 60 mins
Charging Standard	BEVC- DC001	BEVC- DC001	CCS type 2	CCS Type 2	CCS type 2




 Director
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 ANERT