



## KERALA STATE ELECTRICITY BOARD LIMITED

(incorporated under the Companies Act, 1956)

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

### ABSTRACT

Sub :- Installation of electric vehicle DC charging infrastructure at six KSEBL premises including AMC for 3 years.- Online payment integration- Sanctioned- Orders issued

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

B.O (FTD) No. 476 /2021/CE(REES)/KSEB EVCS/2019-20, Tvm, dated, 23.6.2021

Read: - 1.BO(FTD) No.657/2020 (KSEB/CE(REES)/INNV-Emob/2021),Tvm,dated 02.11.2020

- 2.LOA No:8/2020-21 dtd 19-2-2021 to M/s Mass-Tech Controls Pvt Ltd
- 3.Note no.IT/CU/EV-charging-Mob App/2020-21/507 dated 16.03.2021 of (IT, CR & CAPS)
4. Note No.KSEBL/TRAC/G/EV Stations/2020-21/1433 dated 18.03.2021 from the Chief Engineer (Commercial & Planing)
- 5.The minutes of the meeting with Office of Chief Engineer (Commercial & Planning) & TRAC held on 23.4.2021
- 6.Note No FA/Tax Cell/EVCS/CE(REES)/GST/1549/167 dated 18.05.2021 from the Financial Adviser.
7. Note no. CE (REES)/KSEB EVCS/2019-20/273 dated 27.05.2021 of Chief Engineer(REES) submitted to the Full Time Directors through the Director (Planning, Safety & REES)(Agenda 07/06/2021)

### ORDER

Installation of electric vehicle DC charging infrastructure at six KSEBL premises was completed by M/s Mass-Tech Controls Pvt Ltd and the stations are operational since 07.11.2020. In order to implement the payment integration at these stations through Cloud Based Charging Station Management Application ElectreeFi, an LoA read as 2<sup>nd</sup> above was issued to M/s Mass-Tech Controls Pvt Ltd.

There are three payment gateways viz. Paytm, Billdesk and HDFC integrated with the Electreefi application. The following proposal regarding payment integration and remarks on offers received from M/s HDFC and M/s Paytm,was furnished as per note read as 3<sup>rd</sup> above as under:-

- 1) M/s Paytm have quoted the lowest rates. Hence, it was recommended to select M/s Paytm for collecting and transferring the amounts collected for electric vehicle charging through mobile app 'ElectreeFi'.
- 2) M/s Paytm have offered the following transaction charges for different modes of payments which they may be allowed to collect from consumers:

Merchant	Debit card (Except Rupay)	Credit card	Net Banking	Wallet	UPI	Corporate cards/ Prepaid cards
Utility	Below Rs. 2000: 0.4% Above Rs. 2000: 0.9%	0.85%	Rs 10	1%	Nil	2.5%

3) As per Government of India directions, the transaction charges of Debit card above Rs.2000/- will be borne by merchant (KSEBL). However no other transaction charges and taxes are to be paid by KSEBL to M/s Paytm for the amount collected through this online payment channel for EV charging.

4) Only successful transaction amount need to be transferred to KSEBL. Failed transaction amount should be refunded to consumers account.

5) M/s Paytm shall use the already opened account with M/s SBI, KSEB admin branch, Pattom as the pooling account for this purpose.

6) All the funds in the pooling account to be transferred to the designation account of KSEBL maintained at M/s SBI KSEB admin branch, Pattom on T+1 day before 5.00pm (T being the transaction day).

A Commercial Agreement on the above lines has to be executed with M/s Mass-Tech Controls Pvt Ltd by the Chief Engineer (IT, CR & CAPS). Further a Non Disclosure Agreement needs to be signed by KSEBL (Disclosing Party) with M/s Mass-Tech Controls Pvt Ltd. (Receiving Party) for the purpose of sharing the data shared to the Central Management System (CMS) maintained by the Receiving Party, corresponding to the six EV Charging Stations owned by KSEBL, to the Disclosing party (KSEBL) and for the protection of such information from any unauthorised use and disclosure.

Regarding the charging fee to be levied, based on the remarks obtained from the Chief Engineer (Commercial&Planning) as well as the Financial Adviser and minutes of the meeting held between the Chief Engineer (REES) and the Chief Engineer (Commercial&Planning), the Chief Engineer (REES) has proposed charging fee as Rs.13.00 per unit (Energy Charge+Service Charge) and submitted a draft invoice for approval. Also it was proposed that for the time being it may be suitable to implement post paid billing mode for EV Charging Stations commissioned by KSEBL since the other Public Charging Stations are following the above mentioned mechanism. The transition to prepaid billing is also possible subject to technical constraints of Application provider and it may be considered in future if the post paid billing system develops difficulties for usage and accounting.

The matter was placed before Full Time Directors as per note read as 7<sup>th</sup>. Having considered the matter, Full Time Directors in its meeting held on 11.6.2021, resolved to approve the following for implementing the online payment integration.

1. (i) Paytm as the payment gateway for integrating KSEBL charging stations.

(ii) The following transaction charges of Paytm for different modes of payments shall be allowed to be collected from consumers:

Merchant	Debit card (Except Rupay)	Credit card	Net Banking	Wallet	UPI	Corporate cards/ Prepaid cards
Utility	Below Rs. 2000: 0.4% Above Rs. 2000: 0.9%	0.85%	Rs. 10	1%	Nil	2.5%

(iii) As per Government of India directions, transaction charges of Debit card above Rs.2000/- will be borne by merchant (KSEBL). However no other transaction charges and taxes are to be paid by KSEBL to M/s Paytm for the amount collected through this online payment channel for EV charging.

(iv) Only successful transaction amount need to be transferred to KSEBL. Failed transaction amount should be refunded to consumers account.

(v) M/s Paytm shall use the already opened account with M/s SBI, KSEB Administrative Complex Branch, Pattom as the pooling account for this purpose.

(vi) All the funds in the pooling account to be transferred to the designation account of KSEBL maintained at M/s SBI, KSEB Administrative Complex Branch, Pattom on T+1 day before 5.00pm (T being the transaction day).

- Further resolved to authorize the Chief Engineer (IT, CR & CAPS) for executing a Commercial Agreement with M/s MassTech Controls Pvt Limited.
- Further resolved to authorize the Chief Engineer (REES) to execute a Non Disclosure Agreement with M/s Mass-Tech Controls Pvt Ltd.
- Further resolved to approve the invoice enclosed as annexure as per remarks from the Financial Adviser for the billing of EV Charging Station with Rs.13/unit as charging fee (excluding taxes). Considering the prevailing GST of 18% of above cost and flood cess; total cost per unit arrives to Rs.15.47/- and the BO read as (1) stands modified to the above extent.
- Further resolved to implement post paid billing system to the EV Charging Stations owned by KSEBL.

Orders are issued accordingly.

By Order of the Full Time Directors

Sd/-  
**LEKHA G**  
COMPANY SECRETARY(I/C)

Encl: - Annexure to BO (Invoice format)

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)/ TA to Director (Planning, Safety & REES)/ TA to Director (Gen-Civil)/ PA to Director (Finance)/Sr.CA to Secretary (Admn.)/ Fair Copy Superintendent/ Library/ Stock file. /Company Secretary

Forwarded by order,

  
Assistant Executive Engineer

Annexure to B.O (FTD) No. 476/2021/CE(REES)/KSEB EVCS/2019-20, Tvm  
dated 23.06.2021



Tax Invoice

Invoice No:  
Dated: 24-02-2021

Invoice From		Invoice To					
<b>Name:</b> Kerala State Electricity Board Ltd <b>Telephone Number:</b> <b>GSTIN:</b> 32AAECK2277NBZ1 <b>CIN:</b> U40200DL2009PLC196789 <b>Address: Seller Address:</b> Vydythi Bhavanam, Pattom, Thiruvananthapuram-695004 <b>SAC (For Vendor) :</b> 999799		<b>Name:</b> Buyer Details <b>Mobile No:</b> <b>Email:</b> <b>Address:</b> <b>GSTIN: (If available)</b>					
Charging Station Details		Invoice Details					
<b>Station Name:</b> Nemom EVCS <b>Address:</b> Electrical Section ,Nemom <b>Phone:</b> <b>Email:</b>		<b>Booking Id:</b> <b>Invoice Amount:</b> <b>Amount in Words:</b> <b>Energy Consumption (Qty) :</b> 10 kW Energy Charge (Unit Rate ) : 7.8/- Energy Charges:78/- Service Charge(Unit Rate ) : 5.2/- Service Charge :52/- GST @ 18% : 23.40/- <b>Start Time:</b> 2021-02-24 07:31 PM <b>End Time:</b> 2021-02-24 08:44 PM <b>Duration:</b> 1hr 13mins 16secs					
Vendor Cost (C)							
Total Charges	Tax Payable (CGST)		Tax Payable (SGST)		Tax Payable (Kerala Flood Cess)		Total
Electric Vehicle Charging Fee ₹ 130	9%	₹ 11.7	9%	₹ 11.7	1%	₹ 1.3	₹ 154.7
<b>Total Payable by consumer: ₹ 154.70</b>							

CE(REES)  
[Signature]