



**KERALA STATE ELECTRICITY BOARD LIMITED**

*(incorporated under the Companies Act, 1956)*

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**ABSTRACT**

White labeled end to end software solution for EV Charging Stations- Proposal for a Pilot project – Sanctioned – Orders issued

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

B.O (FTD) No. 804 /2022 [CE(REES)/CMS/2022-23], Thiruvananthapuram,

dated, 01 .10.2022

- Read:-
1. Letter from Kerala Startup Mission dated 21.06.2022
  2. Note No. CE (REES)/CMS/2022-23/597 dated 07.07.2022 submitted to the Chief Engineer (IT, CR&CAPs)
  3. Note No. IT/CU/EV-General /2021-22/ (1) dated 17.08.2022 from the Chief Engineer (IT,CR&CAPs)
  4. Note No. CE(REES)/CMS/2022-23/1060 dated 22.09.2022 submitted to the Director (REES,SOURA, Nilaavu, Sports & Welfare)
  5. Note No.CE(REES)/CMS/2022-23/1076 dated 24.09.2022 of the Director (REES,Soura,Nilaavu, Sports & Welfare) submitted to Full Time Directors, KSEBL (Agenda 66/9/22)

**ORDER**

Being the state nodal agency, KSEBL is in the process of setting up of a network of EV charging stations across Kerala comprising 62 Fast Charging Stations and 1165 Pole Mounted Charging Stations. Of these, 35 Fast Charging Stations and 536 Pole Mounted EV Charging Points are already operational and the balance stations will become operational within a short span of time.

The 1227 (1165+62) stations of KSEBL are being set up by five different vendors who have provided 5 different software solutions for charging station operations. Accordingly, the EV users are facing a major problem of having to deal with more than 5 mobile applications for charging at KSEBL stations alone. The issue is getting aggravated with more and more private charging stations also coming in to the picture; more mobile applications will make the users' difficulty and inconvenience higher. Lots of requests are being received from various corners requesting a common mobile app for the EV charging stations in Kerala.

However, it is highly essential to have a comprehensive software solution including common Mobile App at least for KSEBL stations in order to facilitate charging at these stations which would attract

more customers thereby generating more revenue. However integrating all the software service providers into one platform is not an easy task since the proposed system envisages operating on a supervisory level of all the existing charging stations' software solutions and providing customer support 24x7. Hence an end to end white label solution needs to be developed which should address the various issues currently faced by the customers as well as the Charge Point Operators. Hence it will be appropriate to implement a Pilot Project for identifying various issues that may pop up in future based on detailed study and analysis.

As per the letter read as 1<sup>st</sup> above, the Kerala Startup Mission has forwarded a proposal of a startup company called M/s BPM Power Pvt Limited towards the development of software solutions for the EV initiative by KSEBL, for consideration. Here it is worth mentioning that earlier, M/s BPM Power Pvt Limited have done a pilot project of 'Setting up of 10 Pole Mounted EV Charging Stations at Kozhikode' for KSEBL and based on the success of the scheme, KSEBL scaled up the project to 1140 additional points across Kerala. In the second project also, M/s BPM Power Pvt Limited is technical partner of the consortium which is the EPC contractor. Therefore, out of the 1227 charging stations of KSEBL, the major share are being operated by M/s BPM Power Pvt Ltd. Hence it could be beneficial for KSEBL to consider the development of Pilot project of White label solution with them.

Considering the above mentioned aspects, the proposal was forwarded to the Chief Engineer (IT, CR & CAPs) for remarks. In the reply furnished by the Chief Engineer (IT,CR&CAPs) as per note read as 2<sup>nd</sup> above, it has been remarked that for the speedy finalisation of the proposal, a committee has to be constituted with concerned officials from the office of the Chief Engineer(REES) along with Executive Engineer (IT) and Assistant Executive Engineer (IT) of IT (Computerization unit),KSEBL as members.

Accordingly, it was proposed to constitute a committee with the following members.

1. Chief Engineer (REES), Chairman
2. Deputy Chief Engineer (REES & Soura)
3. Executive Engineer (Innovation), O/o Chief Engineer (REES)
4. Executive Engineer, IT Computerisation Unit
5. Assistant Executive Engineer, IT Computerisation Unit
6. Assistant Executive Engineer, O/o Chief Engineer(REES)
7. Representative from the Office of Financial Adviser
8. Representative from the Office of LA & DEO

The matter was placed before the Full Time Directors, KSEBL as per note read as 5<sup>th</sup> above. Having considered the matter in detail, the Full Time Directors in its meeting held on 24.09.2022

Resolved to Constitute a committee with the following members to study and finalise the Pilot project proposal to be implemented towards white labeled end to end Charging Management solution for EV Charging Stations of KSEBL.

- I. Chief Engineer(REES), Chairman
- II. Deputy Chief Engineer (REES & Soura)
- III. Executive Engineer (Innovation), O/o Chief Engineer (REES)
- IV. Executive Engineer, IT Computerisation Unit
- V. Assistant Executive Engineer ,IT Computerisation Unit
- VI. Assistant Executive Engineer, O/o Chief Engineer(REES)

- VII. Representative from the Office of Financial Adviser  
VIII. Representative from the Office of LA&DEO

Orders are issued accordingly.

By Order of the Full Time Directors

Sd/-  
**LEKHA G**

COMPANY SECRETARY (I/C)

To

1. The Chief Engineer (Renewable Energy & Energy Savings)
2. The Chief Engineer (IT, CR & CAPS)
3. The Financial Advisor
4. The Legal Advisor & Disciplinary Enquiry Officer
5. The Deputy Chief Engineer (REES & Soura)
6. The Executive Engineer (Innovation), O/o Chief Engineer (REES)
7. The Executive Engineer, IT Computerisation Unit
8. The Assistant Executive Engineer, IT Computerisation Unit
9. The Assistant Executive Engineer, O/o Chief Engineer (REES)

Copy to:-

TA to Chairman & Managing Director/TA to Director(Gen (Ele) /TA to Director(Dist, IT & SCM)/TA to Director (T,SO,P&S)/TA to Director (Gen-Civil)/ TA to Director(REES, SOURA, NILAAVU, Sports & Welfare)/ PA to Director(Finance & HRM)/Sr.CA to (Secretary(Admn))/Company Secretary/Fair Copy Superintendent/ Library/ Stock file.

Forwarded by order,

  
Assistant Engineer