



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Indian Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004.

Phone: (0471) 251 4610, 251 4274, 251 4672. Email: ceit@kseb.in

Website: www.kseb.in; CIN: U40100KL2011SGC027424.

ABSTRACT

Proposals for Smart Grid Projects in KSEB Limited- Sanctioned – Orders issued.

CORPORATE OFFICE (IT)

B.O (CMD) No.1744 / 2016 (CE-IT/RITU /S.G/2015-16) Thiruvananthapuram, dated 19 /05/2016

Read:1. Letter No.27/1/2015-NSGM dated 19th February,2016 from the Ministry of Power, Gol.

2. Govt.letter No.2885/C1/15/PD dated 18.04.2016 and 14.01.2016 from the Secretary to Government to the CMD,KSEBL

3. B.O (FTD) No. 1225 / 2016 CE (REES)/ SGPP-R/ 2015-16 / Tvpm dtd. 21.04.2016.

4. Note No.RITU/DC/2015-16/ dated 09.05.2016 of the Chief Engineer (IT&CR)

ORDER

Government as per the letter read above has called for a Detailed Project Report (DPR) for Smart Grid Projects. The base line data from three SCADA towns Thiruvananthapuram, Kochi and Kozhikode required for DPR preparation is being populated. The DPR preparation involves the study and analysis of the system level data, available facilities, identification of functionalities and Key performance Indices (KPI), organizational and management aspects like implementation plan, infrastructural backup, cost aspects involving project costs, capital cost requirements, operational cost requirements etc. Hence DPR preparation being a huge task which demands high technical competency. Also, as the task of DPR preparation demands high technical expertise, a consultancy may be entrusted for the same. Hence a tender may be floated inviting bids from competent smart grid consultant who is adept in state-of-the art technology in the fields of automation, communication and information technology (IT) systems. Considering the above, time extension for two months was requested for DPR preparation.

Presently the smart grid pilot project was dealt at the office of Chief Engineer (REES) which has been terminated as per B.O read as 4th paper above. A proposal from the office of the Chief Engineer (IT&CR) has been submitted for shifting the smart Grid project with the person dealing the project to office of the Chief Engineer (IT & CR).

The present R-APDRP & SCADA forms the building blocks for the Smart Grid implementation of the Utility. In line to the guidelines issued by the MoP for considering the project under the Smart City scheme, five sections under Electrical Circle Ernakulam were selected (Ernakulam Central, College, Thoppumpady, Mattanchery and Fort Kochi), Likewise under Electrical Circle Trivandrum (U) (Fort,

Poojappura, Puthenchantha, Contonment ,Vellayambalam & Kesavadasapuram) & Under Electrical Circle Kozhikkode (West Hill, Central, Nadakkave, Beach & Pothanikkade).

The Chief Engineer (IT&CR) in the note read as 5th paper above had placed a detailed proposal for entrusting the DPR preparation process for the implementation of Smart Grid Project in KSEBL and related activities including appointment of consultant through competitive bidding and to transfer the person handling the project to the office of the Chief Engineer (IT&CR) for implementation of the project. Having considered the note Board hereby accords sanction for the following;

1. to authorize the Chief Engineer (IT&CR) to prepare smart grid DPRs as per the guidelines of the Ministry of Power for the three SCADA towns Thiruvananthapuram, Kochi and Kozhikode for onward submission to the Government.
2. to transfer the person handling the Smart Grid project at the office of the Chief Engineer (REES) to the office of the Chief Engineer (IT) for handling the Smart Grid project.
3. to authorize the Chief Engineer (IT&CR) to submit the proposal for State Level Smart Grid Project Monitoring Unit to the State Government as per the National Smart Grid Mission guidelines.
4. to furnish an interim reply to Government, requesting a time extension of 2 months to furnish smart grid DPRs.
5. to entrust the Chief Engineer (IT&CR) to appoint a consultant for the implementation of Smart Grid Project in KSEBL through Request for Proposal (RFP) on competitive bidding.

By order of the Board of Directors

Sd/-

**R. Rajasekharan Nair
SECRETARY (ADMINISTRATION)**

To

The Chief Engineer (IT)

The Chief Engineer (REES)

The Chief Engineer (HRM)/The Chief Engineer (SO), Kalamassery

The Chief Engineer (Distribution- South)/The Chief Engineer (Distribution- Central)

The Chief Engineer (Distribution- North)/The Chief Engineer (Transmission- South)

The Chief Engineer (Transmission- North)/The Deputy Chief Engineer (IT)

Copy to:

The CIA, K S E B Ltd. The TA to CMD / The TA to Director (D& S) / The TA to Director (T&SO) /The TA to Director (Generation Civil)/The TA to Director (CP & SCM), The PA to the Director (Finance)/Secretary (Administration), Records/Stock file and Library / AB Section

Forwarded / By Order



Assistant Engineer