



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vydyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

CIN: U40100KL2011SGC027424

Website: www.kseb.in

Phone: +91 471 2514610, 2514274

Email: ceit@ksebl.in

ABSTRACT

Revamped Distribution Sector Scheme (RDSS) - Revised phasing of consumers for Implementation of Advanced Metering Infrastructure (AMI) in KSEBL - Sanctioned - Orders issued.

CORPORATE OFFICE (IT)

BO (FTD)No.14/2023(ITPD-AE8/2022/1131)

Thiruvananthapuram,Dated: 10.01.2023

- Read: 1. B.O. (FTD) No. 839/2021 (IT/Proj/RDSS/Smart Meter/2021-22) dated 11.11.2021.
2. B.O. (FTD) No. 864/2022 (IT PD-AE8/2022/1131(20)) dated 28.10.2022.
3. Note No. IT PD-AE8/2022/1131(34) dated 27.12.2022 of the Chief Engineer (IT, CR & CAPs) to the Full Time Directors (Agenda No. 76/12/22).

ORDER

Based on the Government of India Gazette No. CG-DL-E-19082021-229126 dated 19.08.2021, KSEBL has accorded sanction for the implementation of Prepaid Smart Meters for all consumers and system meters (as mandated by Government of India) in various phases under DBFOOT (Design Build Fund Own Operate & Transfer) mode of implementation under RDSS as per the B.O. read as 1st above. KSEBL has submitted proposal for implementation of Smart Meters under RDSS, with the approval of Distribution Reform Committee (DRC) and State Cabinet. Subsequently, PFC has communicated the sanction accorded by MoP vide letter dated 24.03.2022 for the implementation of smart metering for an estimated project cost of Rs.8,174.96 Crore (based on the life cycle cost issued by MoP).

Initially, as per guidelines, it was proposed to implement 37 lakh smart meters under Phase-1 covering System Metering, HT, Government and all industrial & commercial consumers along with all consumers having average monthly consumption of above 200 units.

Subsequently, M/s. RECPDCL was appointed as PIA (Project Implementation Agency) for Phase 1 implementation of AMI in KSEBL (for around 37 Lakh smart meters) based on the aforementioned phasing of consumers. The Letter of Acceptance and Work Order were issued to M/s. RECPDCL for Phase 1 implementation of AMI in KSEBL for 37 Lakh meters on 30.03.2022 and 19.05.2022 respectively.

Since the proposal for 37 Lakh meters were spread throughout the length and breadth of the State, establishing a robust communication network was found to be challenging and also makes it difficult for getting the Division wise Energy Audit and financial benefit analysis, ease of billing etc. which are envisaged with smart meter implementation (for releasing the grant).

Considering the above, a more pragmatic phasing was proposed wherein all system meters, all HT and Government consumers (as per guidelines) and consumers from 6 high revenue divisions of KSEBL (with no specific demarcation on industrial, commercial & domestic consumers in these Divisions) were included in the Phase 1. The total meter count for phase 1 was revised to 17 Lakhs.

Accordingly, sanction was accorded as per B.O. read as 2nd above, to implement 17 Lakh meters under Phase-1 and to execute MoU/ Agreement with M/s. RECPDCL (PIA) for the Phase-1 AMI implementation of around 17 lakh smart meters. Sanction was also accorded to proceed with tendering/nomination of Project Management Agency (PMA) for AMI as per RDSS guidelines with the above Phase-1 smart metering package size. The execution of MoU scheduled for 29.11.2022 was deferred due to objections raised by Unions and Associations.

Based on the direction from PFC, (as decided in the 13th MCM held on 28.10.2022) tender was floated for appointment of PMA for implementation of 17 Lakh smart meters. Further to the MCM meeting held on 22.12.2022, KSEBL has been directed to implement smart metering as per the sanctioned action plan, where the number of smart meters for Phase -1 was 37 Lakh.

Accordingly the Chief Engineer (IT, CR & CAPs) as per note read as 3rd above, proposed a revised phasing for around 37 Lakh smart meters in DBFOOT mode under TOTEX for AMI Implementation as a single package as follows:-

All system meters (Feeder, Border & DTR meter), HT consumers, Government Consumers & the consumers in 14 High Revenue Divisions (Trivandrum, Kazhakuttom, Ernakulam, Thripunithura, Aluva, Muvattupuzha, Perumbavoor, Ferook, Kozhikode, Kannur, Palakkad, Thirurangadi, Pallom and Kasargod Divisions).

Having considered the matter in detail, the Full Time Directors in the meeting held on 28.12.2022.

- Resolved to revise the phase 1 implementation of Advanced Metering Infrastructure to around 37 Lakh smart meters in DBFOOT mode under TOTEX as a single package in KSEBL as follows:-

All system meters (Feeder, Border & DTR meter), HT consumers, Government Consumers & the consumers in 14 High Revenue Divisions (Trivandrum, Kazhakuttom, Ernakulam, Tripunithura, Aluva, Muvattupuzha, Perumbavoor, Ferook, Kozhikode, Kannur, Palakkad, Thirurangadi, Pallom and Kasargod Divisions).

- Further resolved to accord sanction to Chief Engineer (IT, CR & CAPs) to execute MoU/ Agreement with M/s. RECPDCL (PIA) for the above phase 1 AMI implementation of around 37 Lakh smart meters.
- Further resolved to accord sanction to proceed with re-tendering for the appointment of Project Management Agency (PMA) for smart metering (phase 1 - 37 Lakh) and IT/OT works as per RDSS guidelines after cancelling the tender already floated for smart metering (17 Lakh) and IT/OT works.

- Further resolved that the Phase II preparaton and workshops shall be arranged to validate the proposals at the earliest.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/-

**LEKHA G
Company Secretary**

To:

The Chief Engineer (IT, CR & CAPs)

Copy to: The Chief Internal Auditor/ Company Secretary/ Financial Advisor/ LA&DEO
The TA to CMD / Director (G-C)/ Director (G-E&HRM)/ Director (D, SCM&IT)/
Director (T,SO, P&S)/ Director (REES, SOURA, Nilaavu Projects, S&W)
The PA to the Director (Finance)
The RCAO/RAO
The Sr.CA to Secretary (Administration)
Stock File.

Forwarded / By Order



Assistant Engineer