



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004.

CIN: U40100KL2011SGC027424

Website: www.kseb.in

Phone Number: (0471) 251 4610, 251 4727, 251 4728

Email Id: ceit@kseb.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)

B.O.(FTD) No. 864/2022 (IT PD–AE8/2022/1131 (20)) Thiruvananthapuram, dated 28.10.2022

- Read: 1. B.O. (FTD) No. 839/2021 (IT/Proj/RDSS/Smart Meter/2021-22/), dated 11.11.2021.
2. B.O. (FTD) No. 298/2022 (CEITCR-AE8/2022/19) dated 11.04.2022.
3. Note No. IT PD-AE8/2022/1131(20) dated 14.10.2022 of the Chief Engineer (IT, CR & CAPs) to the Full Time Directors (Agenda No. 36/10/22).

ORDER

The Chief Engineer (IT, CR & CAPs) as per the note read above, has reported that vide B.O. read as 1st above sanction was accorded for implementation of Smart Meters working in prepayment mode (as mandated by Government of India) in various phases in KSEBL. Later with the amendments in guidelines, it was decided to pool the above phases so as to bring down the smart meter implementation into 2 phases covering around 37 lakhs meters in 1st phase and remaining around 96 meters in 2nd phase.

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 sanctioned vide B.O. read as 2nd above. 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.

In the RDSS review meeting convened by CMD, KSEBL on 10.10.2022, the status of smart metering implementation was reviewed and it was noticed that, the current proposal of implementation is spread throughout the length and breadth of the state. This makes it difficult for establishing a robust communication network (core of smart metering) with such spread out meters, which is technologically challenging. Also getting the Division wise Energy Audit is impossible with this phasing which is envisaged under RDSS.

The Chief Engineer (IT, CR & CAPs) has reported that, a more pragmatic phasing was proposed wherein all the system meters, HT consumers and Governments consumers (as per guidelines) and complete consumers of Electrical Divisions having more concentration of Industrial & commercial consumers to be included in the Phase 1. Revised Phase -1 proposed for AMI Implementation in KSEBL - System Metering (Feeder & Border Meters- 5999, DIR meters- 87,133), HT consumers (7,000), Government Consumers (1,65,095) & all the consumers in the following Electrical Divisions - Trivandrum (2,48,092), Kazhakuttom (2,74,638), Ernakulam (1,72,551), Perumbavoor (1,63,692), Ferook (2,73,177), Palakkad (2,43,536) - Total around 17 lakh meters.

Directions were given by MoP, in the 11th Monitoring Committee Meeting held on 27.07.2022, that the States who have engaged CPSEs as PIA on nomination basis for smart meter implementation should also appoint an additional PMA for monitoring the progress of the work. The tendering/ nomination of Project Management Agency (PMA) for Smart Metering is to be done based on Phase-1 smart metering package size.

In view of the above, the Chief Engineer (IT, CR & CAPs) has suggested that for establishing a robust communication network, the Phase -1 for implementation of Advanced Metering Infrastructure in KSEBL may be revised to cover complete consumer meters of Electrical Divisions having more concentration of Industrial & commercial consumers.

Having considered the matter in detail, the Full Time Directors in the meeting held on 20.10.2022

1. Resolved to accord sanction to the Phase -1 for implementation of Advanced Metering Infrastructure in KSEBL may be revised in the following pattern :- System Metering (Feeder & Border Meters- 5999 DTR meters- 87,133), HT consumers (7,000), Government Consumers (1,65,095) & all the consumers of following Electrical Divisions having more concentration of Industrial & commercial consumers Trivandrum (2,48,092), Kazhakkuttom (2,74,638), Ernakulum (1,72,551), Perumbavoor (1,63,692), Ferook (2,73,177), Palakkad (2,43,536) -Total around 17 lakh meters subject to including the condition that:
 - a. The scope of quantity increase may be kept.
 - b. Use of single scalable MDM software and utilize K-FON for networking wherever K-FON available.
2. Further resolved to accord sanction to execute MoU/ Agreement with M/s. RECPDCI (PIA) for the above Phase -1 AMI implementation of around 17 lakh smart meters.
3. Further resolved to accord sanction 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.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/-

**Lekha G.
Company Secretary (I/C)**

To

The Chief Engineer (IT, CR & CAPs)

Copy to:

The FA/ CIA / Company Secretary

The TA to CMD / Director (D & IT / GC / T & SO / GE / REES including SOURA, Sports and Welfare / Planning, Safety & SCM)

The PA to the Director (Finance & HRM)

The CA to Secretary (Administration)

Stock file

Forwarded / By Order



Assistant Executive Engineer