



Kerala State Electricity Board Limited
(Incorporated under the Companies Act, 1956)
Registered Office: Vidyuthi Bhavanam, Pattom,
Thiruvananthapuram – 695 004.

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ABSTRACT

Implementation of Smart Metering for UDAY participating states (for 3,21,800 consumers) under Integrated Power Development Scheme (IPDS) – Sanctioned – Orders issued.

CORPORATE OFFICE (IT)

B.O.(FTD) No. 778/2019(IT/Proj/IPDS/Smart Meter/2019-20/) Thiruvananthapuram, dated 23.10.2019

- Read: 1. B.O. (FTD) No. 222/2018(IT/CU/PFC/Smart Meter/2017-18/), dated 22.01.2018.
2. B.O. (FTD) No. 1762/2018(IT/CU/PFC/Smart Meter/2018-19/), dated 03.09.2018.
3. B.O. (FTD) No. 281/2019(IT/CU/PFC/Smart Meter/2018-19/), dated 25.03.2019.
4. Note no. IT/Proj/IPDS/Smart Meter/2019-20/168 dated 15.10.2019 of the Chief Engineer (IT, CR & CAPs) to the Full Time Directors (Agenda No. 29/10/19).

ORDER

The Chief Engineer (IT, CR & CAPs) in the note read above reported that as per B.O. read as 1st paper above, a DPR was submitted to PFC for implementing Advanced Metering Infrastructure (AMI) with Smart metering for UDAY participating states under IPDS. The DPR was approved in the 11th IPDS Monitoring Committee meeting for Rs. 64.36 crore (with Gol grant of Rs. 38.94 Crore) covering 3,21,800 nodes for consumers having consumption of more than 230 units of power per month from all tariff groups and categories within IPDS towns.

As per B.O. read as 2nd paper above, sanction was accorded to implement AMI for 3,21,800 consumers under IPDS, within geographically adjacent Section offices under each of the 6 Corporation areas considering the advice of Central Electricity Authority to roll out AMI in area-wise or feeder-wise.

The implementation of Smart Metering is still in the evolution stage and hence, the costing model varies drastically. The assessment of total costing for the complete solution may not be feasible since there are only very few installations among utilities in India. Hence, as per B.O. read as 3rd paper above, sanction was accorded to adopt reverse bidding process through the e-Tender portal of Government of Kerala for identifying the implementation agency to implement AMI with Smart Meters for 3,21,800 consumers under IPDS.

The Chief Engineer (IT, CR & CAPs) has further reported that RFP was invited as directed and 10 prospective bidders participated in the Pre-bid meeting. Most of the bidders were requesting to invite the bid with normal bidding process instead of reverse bidding process. Also, there were requests for changes in many qualifying criteria. The technical bid was opened on 30.08.2019 and only M/s. United

Electrical Industries Ltd. participated in the tender. The Pre-Qualification Committee Meeting held on 31.08.2019 decided to proceed with re-tendering as the bid failed to comply with pre-qualifying criteria.

Hence, it is suggested to re-tender after considering the changes requested by various Smart meter implementing agencies including reverse bidding process for identifying the implementation agency to implement AMI with smart meters for 3,21,800 consumers under IPDS for geographically adjacent Section offices within each of the 6 corporation areas.

Having considered the recommendation of the Chief Engineer (IT, CR & CAPs), as per note read above, the Full Time Directors in the meeting held on 16.10.2019 resolved to accord sanction to re-tender for identifying the implementation agency to implement AMI with smart meters for 3,21,800 consumers under IPDS for geographically adjacent Section offices within each of the 6 corporation areas, after considering the changes requested by various Smart meter implementing agencies including reverse bidding process.

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:

1. The Financial Advisor / CIA, K S E B L
2. The TA to CMD / Director D, IT & HRM / T, SO & Safety / GE & SCM / GC
3. The PA to the Director (Finance)/Secretary (Administration)
4. Records/Stock file and Library / AB Section

Forwarded / By Order

Peeth

Assistant Executive Engineer