



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Registered Office: Vydyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004.

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ABSTRACT

Revamped Distribution Sector Scheme (RDSS) – Implementation of Prepaid Smart meter in KSEBL – Fresh tender to be invited – Sanctioned – Orders issued.

CORPORATE OFFICE (IT)

B.O.(FTD) No. 177/2023 (IT/Proj/RDSS/Smart Meter/2022-23) Thiruvananthapuram, dated 01.04.2023

- Read: 1. B.O. (FTD) No. 14/2023(ITPD-AE8/2022/1131), dated 10.01.2023.
2. B.O. (FTD) No. 72/2023(IT/Proj/RDSS/Smart Meter/2022-23), dated 13.02.2023.
3. O.O. D(DIT) No.237/2023(IT/Proj/RDSS/Smart meter/2022-23), dated 13.02.2023.
4. Note No. IT/Proj/RDSS/Smart Meter/2022-23/536 dated 30.03.2023 of the Chief Engineer (IT, CR &CAPs) (Agenda No. 100/3/23).

ORDER

The Chief Engineer (IT, CR & CAPs) as per the note read above has reported that sanction was accorded 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. Under this mode, a single agency will be contracted for supplying, maintaining and operating the metering infrastructure for the purpose of meter related data and services to the DISCOM.

Sanction was accorded as per B.O. read as 1st above for implementation of around 37 lakh smart meters on DBFOOT basis under TOTEX mode as a single package, which includes all system meters, Govt. & HT consumers and all consumers under 14 Electrical Divisions having an approximate estimated cost (excluding auxiliary items such as service wire, LT power cable for DT etc.) of around Rs.2,400 crore.

The Chief Engineer (IT, CR & CAPs) was authorized as per B.O. read as 2nd above to invite tenders for appointment of Advanced Metering Infrastructure Service Provider (AMISP) for Phase 1 implementation of Smart meter in KSEBL on DBFOOT basis under TOTEX mode as a single package at an estimated cost of around Rs.2,400 Crore (excluding auxiliary items) after getting RFP document vetted by PFC, the nodal agency since currently PMA is not appointed for the project.

A committee was constituted as per Office Order read as 3rd above, for vetting the Standard Bidding Document (SBD). Based on the remarks of the committee, changes were made in the SBD and the RfP was published on 20.02.2023 and the document was forwarded to PFC for vetting on the same day.

PFC (Nodal Agency) has accepted most of the technical specifications and has directed

mentioned that Discom may also take into consideration the possible cost implications while incorporating additional technical specifications.

Regarding KFON, PFC had remarked that "Although the usage of KFON is appreciated however the progress of KFON is not known and SLAs between the KFON, AMISP and KSEBL is not clear further, The clause is restrictive in nature as it binds use of RF network while the selection of technology is AMISP choice and may lead to the increase in cost. Not accepted, as the same may lead to conflict in enforcing the SLAs".

In view of the above, the Chief Engineer (IT, CR & CAPs) as per the note read above has sought for directions from the Full Time Directors whether to proceed with the already floated tender with elaborated meter specifications and incorporating PFC's remarks by issuing necessary corrigendum or to invite fresh tender as per SBD without any modifications / changes.

The matter was placed as per note read as 4th above. Having considered the matter in detail, the Full Time Directors in the meeting held on 30.03.2023, resolved to accord sanction for the following:

- To invite fresh tender as per Standard Bidding Document for procurement of smart meter without any modifications / changes published by Ministry of Power, Government of India with last date for submission as 29.04.2023.
- To advertise the bid submission with last date as 29th April 2023 in print media / website of KSEBL and to inform all bidders who participated in the pre-bid meeting also. The details shall be informed to Power Finance Corporation immediately.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/-

**Lekha G.
Company Secretary**

To

The Chief Engineer (IT, CR & CAPs)
The Chief Personnel Officer

Copy to:

1. The Financial Advisor / CIA, KSEBL
2. The TA to CMD / Director (D SCM REES SOURA & IT) / GC / T GE & SO, Planning & Safety)
3. The PA to the Director (Finance & HRM) / Secretary (Administration)
4. Company Secretary
5. Records/Stock file and Library / AB Section

Forwarded / By Order

Assistant Engineer