



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Reg.Office: Vidyuthi Bhavanam, Pattom,

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ABSTRACT

Implementation of ADMS for Substations of KSEBL-3G SIMS with dynamic IPs for FTU -
Sanction accorded- orders issued

Corporate Office (SBU-T/SO)

B.O.(FTD) No.303/2019(D(T&SO)/T4/CUG/19-20) Thiruvananthapuram

Dated:05 .04 .2019

- Read: 1. B.O.(FTD) No.1760/2018(D(T&SO)/T2/ADMS/AS/2018-19 dated: 03.09.2018
2. Letter No. CESO/Tech/P/ADMS/2018-19/4152 dated 25.02.2019 of the Chief Engineer, (Transmission & System Operation)
3. Note No. D(T&SO)/T4/CUG/18-19/153 dated 27.03.2019 of the Director (Transmission & System Operation) to the Full Time Directors (Agenda 90/3/19)
4. Supplementary Note No. D(T&SO)/T4/CUG/19-20/1 dated 04.04.2019 of the Director (Transmission & System Operation) to the Full Time Directors (Agenda 11/4/19)

ORDER

Revised Administrative sanction for an amount of Rs. 714 Lakhs (Rupees Seven Hundred and Fourteen Lakhs only) has been accorded vide B.O. read (1) above for the implementation of the Automatic Demand Management Scheme(ADMS) in all the Substations of KSEBL except 47 Substations where SCADA system is implemented as per the R-APDRP scheme with PSDF grant. As the work is covered in PSDF scheme, timely completion of the work is very important.

The scheme is for selective interruption of load during grid level contingencies as part of regulatory compliance for replacing the existing SCADA based ADMS which interrupts radial load at 11kV level. The project involves installation and commissioning of ADMS Servers at SLDC & Field Terminal Units (FTU) at all Substations. The FTU contain a 3G Modem which communicates to the ADMS via M2M Gateway.

The Chief Engineer (Transmission System Operation) vide letter read (2) above has reported that the work for supply, installation and commissioning of ADMS Servers & FTUs was awarded to M/s. Siemens and as per the Siemens schedule, first lot of FTU will be supplied during 02/2019. In this context, 3G SIMS with dynamic IPs for FTU are to be made available by KSEBL at all the 409 Substations including 80 future Substations. The service provider for 95% Substations will be BSNL. 5% will be other service providers such as Vodafone, Idea and Airtel (19 Substations under System Operation Circle, Kannur ie. Vodafone- 2 Nos., Idea-16 Nos. & Airtel -1 No.).

In this regard the Chief Engineer (Transmission System Operation) has forwarded an estimate of Rs. 3,62,500/- based on the offer received from BSNL for a period of 1 year for 409

Substations. The estimate has been prepared for the procurement of 3G SIMs of 390 Nos. from BSNL & 19 Nos. from other service providers.

The Chief Engineer (Transmission System Operation) has requested sanction for issuing 3G SIMs of 390 Nos. from BSNL & 19 Nos. from other service provider in connection with the installation and commissioning of Automatic Demand Management Scheme (ADMS) and Field Terminal Units (FTU) in all the Substations of KSEBL with a total monthly financial commitment of Rs. 25,510/- + GST.

The matter was placed before FTD vide note read (3) & (4) above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 28.03.2019 & 04.04.2019,

Resolved to accord sanction for issuing 3G SIMs of 390 Nos. from BSNL & 19 Nos. from other service providers in connection with the installation and commissioning of Automatic Demand Management Scheme (ADMS) and Field Terminal Units (FTU) in all the Substations of KSEBL with a monthly financial commitment of Rs. 25,510+ GST.

Further resolved to authorize Chief Engineer, Transmission System Operation, Kalamassery to initiate further action in this regard.

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-

Lekha G.

Company Secretary (In- Charge)

To : The Chief Engineer (Transmission System Operation), Kalamassery

Copy to:

The Financial Adviser/ The Chief Internal Auditor.

The Dy. Chief Engineer (IT)/ The RCAO/ RAO.

The TA to Chairman & MD/D(T&SO)/D(D & IT)/D(G-C&HRM)/D(CP,G-E, SCM&S)

The PA to Director (Finance)/Company Secretary, The Legal Liaison Officer, Kochi

Fair Copy Superintendent/Library/Stock File.

Forwarded / By Order



Assistant Engineer