



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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ABSTRACT

Implementation of RDSS SCADA/DMS Project- Construction of Control Center buildings- Sanctioned -Orders issued.

Corporate Office : CE (IT,CR & CAPs)

BO (FTD)No.232/2023(CEIT/RITU/RDSS/SCADA-DMS/CC)

Thiruvananthapuram,Dated: 10.05.2023

- Read: 1.Note No, CEIT/RITU/RDSS/SCADA-CC/21-22 dtd 02.04.2022 of the Chief Engineer (IT,CR&CAPs).
- 2.Note No.CECICC/SCADA-CC/AEEVII/2022/859 dated 09.12.2022 of the Chief Engineer (C-I&CC).
- 3.Ltr No:CE/TS-C/NewBuilding/KNR/2019-20/1045 dtd 01.03-2023 of the Chief Engineer (Distribution, North Malabar).
- 4.Letter No.CE(C-I& CC)/TA/GEN/2023/216 dtd 02.03.2023 of the Chief Engineer (Civil Inv. &CC).
- 5.Note No.CECICC/SCADA-CC/AEEVIII/2023/407 dtd 25.04.2023 of the Chief Engineer (C-I&CC).
- 6.Note No.CEIT/RITU/RDSS/SCADA-DMS/CC(2)/33 dtd 2.05.23 of Chief Engineer (IT,CR&CAPs) to the Full Time Directors (Agenda No:16/5/23).

ORDER

The 7th Monitoring Committee Meeting of RDSS held on 15.03.2022 has approved the SCADA proposal of KSEBL. The SCADA/DMS Control Centers are proposed in all the three Group A towns viz. Kollam, Thrissur and Kannur and five Zonal SCADA Control Centers for the 53 Group B towns viz. Kollam, Kottayam, Emakulam, Malappuram and Kannur. Further, a common Disaster Replica Recovery center (DRR center) is to be set up at Emakulam, so that upon the failure of a control center, Operation of that town is possible from the DRR center. The summary of Control Centre buildings requirements is furnished as below:

Table 1			
SI No	Location	Type of Control Center (CC)	Area (in Sq.ft)
1	Kollam	SCADA/DMS Control Center-A1 + Zonal SCADA Control Center- B1	2800
2	Kottayam	Zonal SCADA Control Center -B2	2300
3	Thrissur	SCADA/DMS Control Center-A2 (Combined for KSEBL & TCED)	2400
4	Emakulam	Zonal SCADA Control Center-B3 + Common DRR Control Cener + Common DR Center	3100
5	Malappuram	Zonal SCADA Control Center-B4	2300
6	Kannur	SCADA/DMS Control Center-A3 + Zonal SCADA Control Center-B5	2800

As per the RDSS guidelines, Control Center Buildings are to be set up by the Utility. A team deputed by the Chief Engineer (Civil- Investigation & Construction Central) has undergone a site visit to the locations identified and accordingly the Chief Engineer (Civil-Investigation & Construction Central) as per the note read as 4th above reported the details of the identified Control Centre locations as below.

Table 2		
Sl.No.	Control Center	Recommendation from CE (C-I & CC)
1	Kollam	CC to be constructed at the proposed KSEBL Land in between Electrical Circle office and 110 KV GIS Substation (existing old building has to be dismantled)
2	Kottayam	CC to be constructed at the proposed KSEBL Land at Electrical Section compound, Kottayam East.
3	Ernakulam	CC to be constructed at the proposed KSEBL land at 220kV S/S compound Kalamassery (Provision for Double storey building is to be ensured.)
4	Thrissur	CC to be constructed at the proposed KSEBL Land at Thrissur VB, Premises. (Common for KSEBL & TCED)(existing old building has to be dismantled)
5	Malappuram	CC proposed at third floor of Vydyuthi Bhavanam, Manjeri. (Building not required & modification to be done.)
6	Kannur	CC to be constructed at the KSEBL land near Vydyuthi Bhavan, Kannur by shifting the Circle Store to a new location. [Provision for Double storey building]

The Chief Engineer (Distribution, North Malabar) as per the note read as 3rd above has reported that the front yard of the Electrical Section cum Sub Division, Kannur is already taken over for road widening works. The SCADA Control Center shall be constructed in the land vacated by the SRS near Vydyuthi Bhavan Kannur with ground floor as SCADA control Center and the 1st floor as Electrical Section, Sub Division, etc.

The Chief Engineer (C-I&CC) recommended to implement the proposal of construction of SCADA CC with Pre Engineered Buildings (PEBs) using steel due to their easy method of Construction, Durability, Time savings, etc. Further the Chief Engineer (CI& CC) recommended an additional floor at Kannur with an extent of 2800 Sq.ft as suggested by Chief Engineer (Dist North Malabar) and submitted the proposal with revised estimate amount of Rs.6.48 Cr+GST(18%).

The matter was placed before the Full Time Directors as per the note read as 6th above.

Having considered the matter in detail, the Full Time Directors in its meeting held on 05/05/2023

Resolved to accord administrative sanction for the construction of the RDSS SCADA Control Centre buildings at Kollam, Kottayam, Ernakulam, Thrissur & Kannur as per Table-2 above, along with an additional floor at Kannur for an extent of 2800 sq.ft as suggested by Chief Engineer (Dist.-North Malabar) for an amount of

Rs.6.48 Cr + GST (18%).

Further resolved that available places to be used and refurbishment should be green and optimal and overdoing is to be avoided and same design shall be ensured in all units.

Further resolved to authorize the Chief Engineer (Civil-Investigation & Construction Central) for the construction of the RDSS SCADA Control Centre buildings at the identified locations, by dismantling the existing old buildings at 2 sites, in coordination with the Chief Engineer (IT,CR&CAPs) and the respective Deputy Chief Engineers of Electrical Circles.

Further resolved to authorize the Chief Engineer (Civil-Investigation & Construction Central) to solicit e-tenders from turnkey Solution providers specializing in Modular structure using Pre Fabricated Steel for executing the proposal mentioned above.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

Sd/-

**LEKHA G
Company Secretary**

To:

- 1.The Chief Engineer (Civil- Investigation & Construction Central)
2. The Chief Engineer (IT,CR&CAPs)
3. The Chief Engineer (Distr.-North Malabar)

- Copy to: 1. The Chief Engineer, Distribution (South/Central/North)/ Chief Engineer (Trans-System Operation)/ Financial Advisor/ Chief Internal Auditor/ Company Secretary
2. The Deputy Chief Engineer, Distribution Circle, Kollam/ Kottayam/ Ernakulam/ Thrissur/Manjeri/Kannur/ Deputy Chief Engineer, Transmission Circle, Kalamassery
3.The TA to CMD/Dir(T,SO.P,S & G-E)/ Dir(D,SCM,IT,REES & Soura)/ Dir(G-C)/
4.The PA to Director (Finance & HRM)
5.The Sr. CA to Secretary (Administration)
6.Stock file

Forwarded / By Order

Reena

Assistant Engineer