


KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004

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ABSTRACT

RDSS-SCADA Project - Construction of Control Centre Buildings in Group A towns - Adopting the EPC mode of contract & Authorization of Head Consultancy Wing as tenders inviting authority - Board Order Amendment - Sanctioned - Orders issued.

Corporate Office:CE(IT,CR & CAPs)

 B.O.(FTD) No.272/2024 (CEIT/RITU/RDSS/SCADA-CC/2023-24)
 Thiruvananthapuram.

Dated:03-06-2024

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- Read :
1. B.O.(FTD) No.232/2023 (CEIT/RITU/RDSS/SCADA-DMS/CC) dated 10.5.2023.
 2. B.O.(FTD) No.553/2023 (CEIT/RITU/RDSS/SCADA-DMS/CC) dated 23.12.2023.
 3. Note No.CW/KSEBL/SCADA/2023-24 dated 05.02.2024 of Head Consultancy.
 4. Note No.CW/KSEBL/SCADA/2023-24 dated 16.03.2024 of Head Consultancy.
 5. Note No.CEIT/RITU/RDSS/SCADA-CC/2023-24 dated 10.05.2024 submitted to Full Time Directors, KSEBL (Agenda No.03-06/2024).

ORDER

KSEBL as per B.O. read as 1st above had accorded Administrative sanction for the construction of SCADA control Centers at Kollam, Kottayam, Ernakulam, Thrissur & Kannur, along with an additional floor at Kannur, for an amount of Rs. 6.48 Crore + GST (Rs.7.65 Crore with GST). In the first phase, implementation of SCADA/DMS project under RDSS in Group-A towns viz. Kollam, Thrissur and Kannur have been sanctioned with loss reduction works by MoP. For the implementation of Group-A SCADA scheme, Control Center buildings are to be constructed in Kollam, Thrissur, Kannur and Ernakulam (DRR/Back-up).

Subsequently, as per B.O. read as 2nd above, sanction was accorded to amend the B.O. read as 1st above with the modifications such as to construct the SCADA control Center buildings Kollam, Ernakulam, Thrissur & Kannur, along with an additional floor at Kannur, using conventional RCC structures, instead of Pre Engineered structures, for a reduced amount of Rs.4.3 Crore + GST (Rs. 5.07 Crore with GST). The B.O. read as 2nd above also authorized the respective Deputy Chief Engineers of Electrical circles to invite e-tenders and execute works for the construction of the SCADA Control Centre buildings at the identified location in coordination with the Chief Engineer (IT,CR&CAPs). The B.O. read as 2nd above also decided to get the design vetted through Head Consultancy wing for design and cost optimization of SCADA Control Centre Buildings.

Further to the discussions with the Head Consultancy wing held on 04.01.2024 and subsequent site visits by Engineers of the wing to all the proposed locations at Kollam, Ernakulam, Thrissur and Kannur, they have recommended, as per note read as 3rd above the Design & Construction of Control Center Buildings, by adopting EPC mode as a single contract, rather than opting for independent e-tendering by 4 Deputy Chief Engineers. The design and construction work for all the 4 units can be done simultaneously, ensuring completion within strict project timelines.

Subsequently as per note read as 4th above, the Head Consultancy wing provided the revised estimate cost involved in the construction of 4 nos. SCADA Control Centre buildings including Physical Infrastructure works such as Electrical Distribution System, Comfort Air Conditioning, Fire Protection System, MEP System, Rodent Repellent System, Access Control System, Diesel Generator Sets, Building management System, etc. Head Consultancy wing reported that the provision for pile foundation has been made in the estimate for the buildings at Kollam and Ernakulam and isolated footings for Kannur as per site inspection conducted.

Accordingly, the Control Centre wise amount prepared by Head Consultancy wing, based on the CPWD DAR 2023 & market Rates, is summarized as follows:

Table-1				
Sl. No	Location	SCADA/DMS Control Centre Details	Area (in Sq.ft)	Amount inclusive of GST (in Lakhs)
1	Kollam	Common SCADA Control Center for Group-A Project and Zonal Control Center for Group-B SCADA project.	2800	182.837
2	Thrissur	SCADA/DMS Control Center (Combined for KSEBL & TCED)	2400	139.24
3	Ernakulam	Common DRR (Back-up) Control Center and Zonal Control Center for Group-B SCADA project.	3100	196.99
4	Kannur	SCADA/DMS Control Center (A) and Zonal Control Center for Group-B SCADA project.	2800	153.075
		Electrical Section, Subdivision, etc	2800	104.341
5	Other additional works required for SCADA Control Center			20.517
Total amount in Lakhs (Including GST)				797.00
Total: Rs. 7.97/- Cr. (Rs. Seven Crores and Ninety Seven Lakhs Only).				

The matter was placed before the Full Time Directors as per the note read as 5th above.

Having considered the matter in detail, the Full Time Directors resolved to accord sanction to effect the following amendments to the BO(FTD) No.533/2023 dated 23.12.2023, for ensuring completion of SCADA Control Center construction within strict project timelines:

- To construct the SCADA control Center buildings at Kollam, Ernakulam, Thrissur & Kannur including the Physical infrastructure works, for a revised total amount of Rs.7.97 Crore (inclusive of GST) as per the Table-1 above, by adopting the EPC mode of contract, with the required tendering formalities to be undertaken by the Consultancy Wing and site supervision by the Civil Engineers in the Distribution Wing in their geographical jurisdiction.

Orders are issued accordingly.

By Order of the Full Time Directors

Signed by

Leha G

COMPANY SECRETARY
Date: 08-06-2024 13:05:43

To:

1. The Chief Engineer (IT,CR & CAPs)
2. The Head Consultancy wing, Vidyuthi Bhavanam, Thiruvananthapuram.
3. The Chief Engineer, Distribution (South/Central/North/North Malabar)
4. The Deputy Chief Engineer, Elec. Circle, Kollam/Ernakulam/Thrissur/Kannur.

Copy to:

The Chief Engineer(Trans-System Operation/Transmission-South)
 The Deputy Chief Engineer, Transmission Circle, Kalamassery/Kottarakkara
 The Company Secretary / Chief Engineer (IT,CR&CAPS) / Financial Advisor / LA&DEO / Chief Internal Auditor / Chief Vigilance Officer
 The TA to the Chairman & Managing Director / Director (Generation-Civil) / Director (Distribution, Safety, SCM & IT) / Director (Transmission, SO & Planning) / Director (Generation - Electrical, REES, SOURA, Sports & Welfare)
 The PA to the Director (Finance & HRM)
 The Sr.CA to the Secretary (Administration)
 The RCAO/ RAO
 Stock File.

Forwarded / By Order

Reena
Assistant Engineer