



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

CIN: U40100KL2011SGC027424

Website: www.kseb.in

Phone: +91 471 2514576, 2446885, 9446008884

Email: dtksebb@ksebb.in

ABSTRACT

TransGrid 2.0 - GIS package II - Construction of 400kV GIS, Kottayam - Contract with M/s Toshiba Transmission & Distribution Systems India Pvt Ltd. - Deviation from agreement quantity - Revised estimate approved - Orders issued.

Corporate Office (SBU-T)

BO (FTD)No.148/2023(DIRTSO-AE5/2022/3118)

Thiruvananthapuram, Dated: 25.03.2023

- Read: 1. B.O. (DB) No. 223/2020 [D(™&SO)/T7/T TransGrid/400kV Kottayam/2019-20] dated 20.03.2020.
2. W.O. No. 01/2020-21/CE/TG/SRR dated 02.04.2020 of the Chief Engineer (TransGrid).
3. P.O. No. 01/2020-21/CE/TG/SRR dated 02.04.2020 of the Chief Engineer (TransGrid).
4. Letter No. FA/TENDER 2/18-22 (1) dated 29.07.2022 of the Financial Adviser.
5. Note No. CE/TG/GIS-KTM/2020-21/1693 dated 23.02.23 of the Chief Engineer, TransGrid.
6. Note No. DIRTSO-AE5/2022/3118 (1) dated 06.03.2023 of the Director (T,SO,P&S) to the Full Time Directors (Agenda Item No. 46/3/23).

ORDER

Sanction was accorded as per B.O. read as 1st above to award the work 'Construction of 400 kV Gas Insulated Substation at Kottayam' to M/s Toshiba Transmission & Distribution Systems India Pvt Ltd at their negotiated quoted amount of Rs.111,00,19,676/- (excl GST), which is 31.6% below PAC. Accordingly, Work Order and Purchase Order were issued by the Chief Engineer (TransGrid) as per Orders read as 2nd and 3rd above respectively.

The Chief Engineer (Transgrid) reported that during the execution of works, certain modifications were necessitated in the design of the substation mainly because some portion of the land originally envisaged for the substation could not be acquired due to various reasons, which resulted in optimization/ changes in the GIS building, increased length of EHV (220kV) / LT cables and GI yard structures required for feeder re-arrangements, construction of box culverts for developing approach road to the substation site, additional materials needed as per modified design etc. As a result of these changes, some of the works already executed/ yet to be executed exceeded the estimated quantities whereas some other items were reduced/ not executed.

The Chief Engineer (Transgrid) further reported that all the deviations necessitated are essential for the satisfactory completion of the project. The design optimizations including the sizing/ positioning/ fixing of various elements in the layout based on the available extent of land that was originally planned could be done only at the time of execution, which resulted in changes in the quantities of various items. The overall excess amount on account of the deviations comes to Rs.5.76 Crore over the contract amount of Rs.130.98 Crore (inclusive of GST).

The deviations occurred were discussed in the Project Monitoring Committee held on 27.04.2022 and remarks were obtained from the Financial Adviser. Considering the request of the Chief Engineer (Transgrid) for approval of revised contract amount of Rs.136,74,36,200/- (incl GST), with net deviation of Rs.5,76,12,997/-, the matter was placed before the Full Time Directors as per note read as 6th above.

In the meeting held on 18.03.2023, the Full Time Directors observed that the development of this project was discussed in the Southern Regional Power Committee meeting and it is essential to commission the project in time. It was also observed that the escalation is due to change in site which was offered by KSEBL subsequently based on Board decision.

Hence, the Full Time Directors resolved to accord sanction for the deviation statement attached as Annexure-I having an additional financial commitment amounting to Rs.5,76,12,997/- (Rupees Five Crore Seventy Six Lakh Twelve Thousand Nine Hundred and Ninety Seven only), which is 4.4% above the contract amount of Rs.130,98,23,203/- (incl GST) for the project 'GIS Package 2 - Construction of 400kV GIS at Kottayam'.

Further resolved to authorize the Chief Engineer (TransGrid) to issue revised Technical Sanction accordingly.

Orders are issued accordingly.

**By Order of the
Full Time Directors**

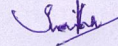


**LEKHA G
Company Secretary**

To:
The Chief Engineer (TransGrid)

Copy to: The Financial Adviser/ Chief Internal Auditor/ Company Secretary
The Deputy Chief Engineer, TransGrid South
The TAs to CMD/ D(T,SO,P&S)/ D(D,IT&SCM)/ D(G-C)/ D(G-E& HRM)/
D(REES,S,N,S&W)
The PA to Dir (F)
The Sr CA to Secretary (Admn)
Stock File.

Forwarded / By Order



Assistant Engineer

Name of Project : GIS Substation Package - 2 Construction of 400kV GIS Substation at Kottayam and associated works

Sl No.	Particulars	Amount as per AS	Agreement Amount (R0)	Revision 1 Amount (RL)
1	Materials	1,28,31,10,196	88,87,36,389	92,05,21,943
2	Erection, Testing and Commissioning	8,86,58,697	3,20,21,322	3,71,01,109
3	Labour	25,25,75,825	18,92,61,952	20,12,71,186
	Total	1,62,43,44,718	1,11,00,19,664	1,15,88,44,237
	GST	29,23,82,049	19,98,03,539	20,85,91,963
	Total with GST	1,91,67,26,767	1,30,98,23,203	1,36,74,36,200

Cost Difference of Revision-1 from Agreement

Sl No.	Particulars	Cost Difference from Agreement
1	Materials	3,17,85,554
2	Erection Testing and Commissioning	50,79,787
3	Labour	1,19,59,234
	Total	4,88,24,574
	GST	87,88,423
	Total with GST	5,76,12,997
	% Deviation from Agreement	4.40


 Chief Engineer
 TransGrid, KSEBL
 Shoranur



DEPUTY CHIEF ENGINEER