



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Reg. Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004

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ABSTRACT

Travancore Lines Package under TransGrid 2.0–Laying of 12 km of 110 kV , 630 mm² single core UG cable from Vizhinjam substation to 110 kV Muttathara substation and laying of 19.5 km of 110 kV, 630 mm² single core UG cable from Vizhinjam substation to 110 kV Veli substation for improving connectivity–Administrative Sanction accorded -Orders issued.

Corporate Office(SBU-T)

B.O.(FTD)No.360/2020/D(T,SO&S)/T7/TransGrid/Travancorelines/20-21 dated,Thiruvananthapuram,
28.05.20

Read: (1) B.O(DB)No.897/2019/D(T&SO)/T7/TransGrid/GI/19-20 dated 03.12.2019

(2) Note No : D(T,SO &S)/T7/TransGrid/Travancore lines/2020-21/167 dated 19.05.2020
of the Director(T,SO&S) submitted to the Full Time Directors(Agenda 47/5/20)

ORDER

The Chief Engineer (TransGrid) submitted a Detailed Project Report with the estimate for an amount of **Rs 97 Cr. (Rs Ninety Seven crore only)**for the Travancore Lines package which involves laying of 12 km of 110 kV , 630 mm² single core UG cable from Vizhinjam substation to 110 kV Muttathara substation (under construction) and laying of 19.5 km of 110 kV, 630 mm² single core UG cable from Vizhinjam substation to 110 kV Veli substation for improving connectivity.

The proposed 12 km of interlinking between Vizhinjam and Muttathara will convert Muttathara substation(now in radial feeding) into ring main system. The connectivity from 220 kV Vizhinjam substation(under construction by TransGrid team) to Veli substation will provide a ring main supply network to all the substations between Kazhakootam and Veli substations and thus will enhance the overall system stability in the region.

The project is included in the TransGrid Project-Phase II and is to be funded from KIIFB. The Load flow study conducted is confirming the benefits and technical feasibility. The IRR for the project is estimated to 13.53%.

The DPR committee held on 24.04.2020 approved the proposal and decided to place the matter before the FTD for approval. Sanction had been accorded as per order read 1st above for Phase -II works of the TransGrid 2.0 package amounting to Rs.2172 Cr. The Board has authorized the Full Time Directors to accord Administrative Sanction for individual works in Phase -II.

The Director (T, SO&S), as per note read as 2nd above elaborated on the technical and financial viability and necessity of the project and placed the proposal before the Full Time Directors.

Having considered the matter in detail, the Full Time Directors in the meeting held on 22.05.2020,

Resolved to accord Administrative sanction for an estimate amounting to ₹ 97 crore (Rupees Ninety Seven Crores only) for Laying of 12 km of 110 kV , 630 mm² single core UG cable from Vizhinjam substation to 110 kV Muttathara substation and for laying 19.5 km of 110 kV, 630 mm² single core UG cable from Vizhinjam substation to 110 kV Veli substation (Travancore Lines Package) as part of TransGrid 2.0 project.

Further resolved to accord sanction to submit the DPR of Travancore lines package to KIIFB for securing funding as part of TransGrid 2.0 project.

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-

Lekha G.

Company Secretary (In- Charge)

To :

The Chief Engineer (TransGrid)

Copy to:

The Deputy CE(TransGrid North/South)/ The Deputy CE(IT)

The Financial Adviser/ The Chief Internal Auditor.


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)/CA to Company Secretary

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Forwarded / By Order


Assistant Engineer

Abstract of estimate

KERALA STATE ELECTRICITY BOARD LTD

ABSTRACT OF ESTIMATE

Travancore Package- Down stream works of proposed 220 KV Gas Insulated Substation Vizhinjam- Laying of 12 km of 110 KV , 630mm² single core Under ground cable from Vizhinjam substation to 110 KV Muttathara substation under construction and laying of 19.5 km of 110 KV ,630 mm² single core Under ground cable from Vizhinjam substation to 110 KV Veli substation for improving connectivity.

Sl. No:	Description	Amount in Lakhs (Rs.)	Remarks
PART A(Material)			
1	Material Cost	4,291.062	
2	Spares	25.047	
	GST @18%	776.899	
	Sub Total	5,093.008	
PART B(Labour Charges)			
1	Labour Charges for cable laying	3,303.339	
	GST @18%	594.601	
2	Civil works	106.135	
	GST @18% for Civil works	19.104	
	Sub Total	4,023.180	
PART C(OTHER CHARGES)			
1	Road Cutting Restoration charges	500.00	
2	PTCC Approval	40.00	
3	For Electrical Inspectorate fee	10.00	
	Sub Total	550.00	
	Unforeseen	33.81	
	Total Amount	9,700.00	

Say Rupees Ninty Seven Crores only


DIRECTOR
(C.S.S.)