

15 -ാം കേരള നിയമസഭ

14 -ാം സമ്മേളനം

നക്ഷത്ര ചിഹ്നം ഇല്ലാത്ത ചോദ്യം നം. 2744

06-10-2025 - ൽ മറുപടിയ്ക്ക്

പുളിങ്കൽ, കൊണ്ടോട്ടി സബ് സ്റ്റേഷനുകൾ

ചോദ്യം		ഉത്തരം	
ശ്രീ. ടി. വി. ഇബ്രാഹിം		ശ്രീ. കെ. കൃഷ്ണൻകുട്ടി (വൈദ്യുതി വകുപ്പ് മന്ത്രി)	
(എ)	കൊണ്ടോട്ടി മണ്ഡലത്തിനും പരിസര പ്രദേശങ്ങൾക്കും ഉപകാരപ്പെടുന്ന പുളിങ്കൽ 110 കെ. വി. സബ് സ്റ്റേഷൻ, കൊണ്ടോട്ടി 33 കെ. വി. സബ് സ്റ്റേഷൻ എന്നിവ സ്ഥാപിക്കുന്നതിന് തീരുമാനിച്ചിട്ടുണ്ടോ; ഉണ്ടെങ്കിൽ ഇത് സംബന്ധിച്ച ഉത്തരവുകളുടെ പകർപ്പ് ലഭ്യമാക്കുമോ;	(എ)	110 കെ.വി. പുളിങ്കൽ സബ്സ്റ്റേഷൻ, 33 കെ.വി കൊണ്ടോട്ടി സബ്സ്റ്റേഷൻ എന്നിവ സ്ഥാപിക്കുന്നതിന് കെ.എസ്.ഇ.ബി.എൽ. തീരുമാനിച്ചിട്ടുണ്ട്. ഉത്തരവുകളുടെ പകർപ്പുകൾ അനുബന്ധം (1) ഉം (2) ഉം ആയി ചേർത്തിരിക്കുന്നു.
(ബി)	പ്രസ്തുത പദ്ധതികളുടെ നിലവിലെ പുരോഗതി സംബന്ധിച്ച വിശദാംശം പ്രത്യേകമായി ലഭ്യമാക്കുമോ?	(ബി)	<u>33 കെ.വി കൊണ്ടോട്ടി സബ്സ്റ്റേഷൻ</u> പ്രസ്തുത സ്ഥലം ലീസായി നൽകുന്നതിന് തദ്ദേശ സ്വയം ഭരണ വകുപ്പിന്റെ തീർപ്പിനായി വെച്ചിരിക്കുകയാണ്. കൂടാതെ ഇക്കാര്യം ബഹു: മുഖ്യമന്ത്രിയുടെ റിഡ്രസ്സൽ ഫോറം ആയ RRM-ൽ ഉൾപ്പെടുത്തിയിട്ടുള്ളതാണ്. സ്ഥലം അനുവദിച്ച് കിട്ടുന്ന മുറയ്ക്ക് സബ്സ്റ്റേഷന്റെ നിർമ്മാണ പ്രവർത്തനങ്ങൾ തുടങ്ങുന്നതാണ്. <u>110 കെ.വി പുളിങ്കൽ സബ്സ്റ്റേഷൻ</u> പ്രസ്തുത സബ്സ്റ്റേഷൻ തുടങ്ങുന്നതിന് 2013-ൽ ഭരണാനുമതി ലഭിക്കുകയും ദീർഘനാളത്തെ തിരിച്ചിലിനു ശേഷം ഭൂമി കണ്ടെത്തി എങ്കിലും 2018-ലെ വെള്ളപ്പൊക്കത്തിൽ പ്രസ്തുത സ്ഥലത്ത് മണ്ണിടിച്ചിലിന് സാധ്യത ഉണ്ടെന്ന് കണ്ടെത്തുകയും ചെയ്തതിനാൽ, പ്രസ്തുത സ്ഥലം ഏറ്റെടുക്കുന്നത് ഉപേക്ഷിച്ചു. അതിനുശേഷം പുതിയതായി കണ്ടെത്തിയ സ്ഥലത്തിന്റെ വില കണക്കാക്കിയതിൽ തിരഞ്ഞെടുത്ത ഭൂമിയിൽ സബ്സ്റ്റേഷൻ പണിയുവാൻ നിലവിലുള്ള ഭരണാനുമതി അപര്യാപ്തമാണെന്ന് കണ്ടെത്തുകയും ചെയ്തു. ഈ വിഷയം വിശദമായി പരിശോധിച്ച ശേഷം തിരഞ്ഞെടുത്ത ഭൂമിയുടെ അനുയോജ്യത തീരുമാനിക്കുന്നതിന് ഒരു കമ്മിറ്റിയെ 12/08/2025-ലെ കെ എസ് ഇ ബി എൽ ബോർഡ് യോഗം

		തീരുമാനിക്കുകയും ചെയ്തു. പ്രസ്തുത കമ്മറ്റിയുടെ റിപ്പോർട്ടിന്റെ അടിസ്ഥാനത്തിൽ തുടർ നടപടികൾ സ്വീകരിക്കുന്നതാണ്.
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സെക്ഷൻ ഓഫീസർ

2744(a)

KSEB
Kerala State Electricity Board Limited**KERALA STATE ELECTRICITY BOARD LIMITED**

(Registered under Indian Companies Act 1956)

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

Office of the Chief Engineer (Transmission North)

Vidyuthi Bhavanam, Gandhi Road, Kozhikode 673 011 India

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E-mail : cefn@kseb.in, cefnkseb@gmail.comWebsite : www.kseb.in, CIN: U40100KL2011SGC027424**PROCEEDINGS OF THE CHIEF ENGINEER, TRANSMISSION (NORTH), KOZHIKODE**

Sub:- Construction of 33 kV substation (RMU based), Kondotty – Administrative sanction - Order issued – reg.

No. CE/TRN/AE3/DB46/33 kV S/s, Kondotty/2023-24/658

Kozhikode, Dated: 19-06-2023

Read:- 1) Minutes of the CE level AS committee meeting held on 13.06.2023.

2) Letter No. DIRT SO-AEE3/2022/3874(2) dated 29.05.2023 of the Office of the Director (T,SO,P&S), Vidyuthi Bhavanam, Thiruvananthapuram.

3) Letter No. DB1/Kondotty/2022-23/2566 dated 07.02.2023 of the Deputy Chief Engineer, Transmission Circle, Malappuram.

4) Letter No. DIRT SO-AE7/2022/2983/154 dated 14.10.2022 of the Office of the Director (T,SO,P&S), Vidyuthi Bhavanam, Thiruvananthapuram.

ORDER

The Detailed Project Report for the 'Construction of 33 kV substation (RMU based), Kondotty with an estimate amounting to Rs. 725 lakhs (Rupees Seven hundred and twenty five lakhs only) was submitted by the Deputy Chief Engineer, Transmission Circle, Malappuram vide read (3) above. Load flow study report vide read (4), has recommended the proposal of constructing 33 kV substation at Kondotty considering the future load growth. Subsequently, the proposal was approved by the Viability Evaluation Committee in the meeting held on 23.05.2023. Thereafter, in-principle sanction was accorded by Director (T,SO,P&S) vide read (2) above.

This project is aimed to improve the sub-transmission system in and around the area of Kondotty, Thurakkal, Kottappuram which includes the northern part of Malappuram district. Currently the 11 kV feeders Karippur, Kondotty, Kumminiparamba and A.R. Nagar from 110 kV substation, Kizhissery feeds the areas under Electrical sections, Kondotty, Pulikkal, Kizhissery, Valluvambram, Kunnumpuram, Mundakulam, Karad and Edavannapara. These feeders are heavily loaded and also back feeding facility is inadequate. The situation becomes even more worse and critical during summer peak.

Hence, to address the above issues, it is proposed to construct a 33 kV RMU based substation with 2 x 5 MVA, 33/11 kV Transformers at Kondotty. The project includes :-

- Construction of new 33 kV Substation with 2 x 5 MVA, 33/11 kV Transformers, 33 kV and 11 kV RMUs, SCADA system with 9 km long Fiber optic connectivity to 110 kV substation, Kizhisser and
- Construction of 2.50 km 33 kV Double circuit line with AAAC covered conductor for making LILC arrangement with the existing 33 kV Kizhissery - Chelari feeder.

The estimate was presented before the CE level AS committee meeting held on 13.06.2023. The committee scrutinized the proposal and decided to accord Administrative Sanction for the estimate amounting to Rs. 725 Lakhs (Rupees Seven hundred and twenty five lakhs only) considering the manifold benefits of the project.

Having considered the decision of Chief Engineer level AS committee and recommendation of the Deputy Chief Engineer, Transmission Circle, Malappuram, Administrative Sanction is hereby accorded for the work of 'Construction of 33 kV substation (RMU based), Kondotty' at an estimated cost of Rs. 725 Lakhs (Rupees Seven hundred and twenty five lakhs only) and entered in the sanction register as AS No. 06/2023-24. The expenditure incurred for the subject work is proposed to be met from the budget provision for the year 2023-24.


CHIEF ENGINEER

TRANSMISSION (NORTH), KOZHIKODE

Acc: Sanctioned Estimate.

To, ✓
The Deputy Chief Engineer,
Transmission Circle, Malappuram.

Copy to the Executive Engineer, Transmission Division, Malappuram.

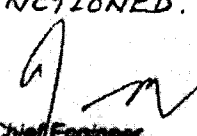
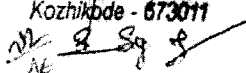
KERALA STATE ELECTRICITY BOARD LTD



Name of Work:- Construction of 33/11 kV Substation with RMU at Kondotty and drawing 2.5 km 33 kV DC line as LILO using Covered conductor from 33 kV Kizhissery- Chelari feeder

ABSTRACT ESTIMATE

Sl. No.	DESCRIPTION	QTY	UNIT	RATE (in Lakhs)	AMOUNT (in Lakhs)
1	Construction of 33 kV substation Kondotty with 2*5 MVA, 33/11 kV Transformers, 33 and 11 kV RMUs, SCADA system.	1	Set	376.00	376.00
2	Land Purchase/Acquisition & Civil Works	1	Set	26.97	26.97
3	Construction of 2.5 km 33 kV DC LILO line(using Covered conductor)	2.5	km	119.59	298.96
4	Installation, testing and commissioning of 12 Fiber ADSS cable from 110 kV substation, Kizhissery to 33 kV substation, Kondotty (9 km)	9.00	km	2.00	18.00
	TOTAL				719.93
	Unforeseen items				5.07
	GRAND TOTAL				725.00
Rupees Seven Hundred and Twenty Five Lakhs only					

SANCTIONED.


Chief Engineer
Transmission (North)
Kerala State Electricity Board Limited
Kozhikode - 673011

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 	<p align="center">KERALA STATE ELECTRICITY BOARD LIMITED</p> <p align="center">(Registered under Indian Companies Act 1956)</p> <p>Registered Office: Vidyuthi Bhavanam, Parim, Thiruvananthapuram - 695 004</p> <p>Office of the Chief Engineer (Transmission North)</p> <p>Vidyuthi Bhavanam, Gandhi Road, Kozhikode 673 011 India</p> <p>Phone: (O) +91495 2368725, FCT: 9496010972</p> <p>E-mail : cern@kseb.in, Website : www.kseb.in</p> <p>CIN: U40100KL2011SGC027424</p>
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PROCEEDINGS OF THE CHIEF ENGINEER, TRANSMISSION (NORTH), KOZHIKODE

Sub: - Construction of 110 kV Substation with SAS at Pulikkal in Malappuram district by drawing 1 km, 110 kV double circuit line (LILO) from the existing 110 kV Nallalam - Kizhissery line - Administrative Sanction - Orders issued - reg.

No. CE/TRN/E3/110 kV S/s Pulikkal/2022-23/1912 dated, Kozhikode 07-01-2023

- Read: - 1. Letter No. DB1/Pulikkal/22-23/2076 dated 04.01.2023 of the Deputy Chief Engineer, Transmission Circle, Malappuram.
2. Minutes of CE level AS/TS committee meeting held on 15.12.2022.
3. Minutes of meeting of the DPR committee for Transmission works dated 01.12.2022.
4. Letter No. DB1/Pulikkal/22-23/924 dated 06.09.2022 of the Deputy Chief Engineer, Transmission Circle, Malappuram.
5. Letter No. DB1/Pulikkal/22-23/126 dated 20.04.2022 of the Deputy Chief Engineer, Transmission Circle, Malappuram.
6. Letter No. D(T&SO)/PSE/NP/Pulikkal/21-22/252 dated 19.02.2022 of the Director (T&SO), Vidyuthi Bhavanam, Thiruvananthapuram.
7. AS No. BO (FM) No. 443/2013(M(T&GO))/T3/Pulikkal/12-13 dated 27.02.2013.

ORDER

The subject work was accorded administrative sanction during the financial year 2012-13 for Rs. 630 lakhs vide read (7) above. However, the project didn't materialize because of non-availability of suitable land. Due to the occurrence of land slide nearby the proposed land, it had to be discarded based on the study reports of Department of Civil Engineering, NIT, Calicut and the Geologist, Department of Mining & Geology, Malappuram. Based on the findings of the Geologist, Malappuram; the District collector, Malappuram also reported that the proposed site is not suitable for construction of Substation.

in due course of time, the necessity for 110 kV Substation, Pulikkal intensified further. At present, the 11 kV feeders to this area emanating from 110 kV Substations - Chelari, Kizhissery and 33 kV Substations - KINFRA, Ramanattukara are overloaded and there are no dedicated feeders to Pulikkal and Karad areas. As a result, new HT commercial connections and load enhancement sanctions around the locality are kept pending. Hence, setting up the proposed 110 kV Substation, Pulikkal is inevitable to address the issues raised above. Moreover, the new Substation will also provide an alternate feeding arrangement to Calicut International Airport, Karippur.

Taking into consideration of the above facts, Load Flow Study was conducted and the LFS report, read (6) recommended the project after considering the benefits including loss reduction, improved voltage profile and to meet additional demand. Subsequently, the Deputy Chief Engineer, Transmission Circle, Malappuram submitted the proposal for the 'Construction of 110 kV Substation at Pulikkal in Malappuram district by drawing 1 km, 110 kV double circuit line (LILO) from the existing 110 kV Nallalam - Kizhissery line' vide read (5). The project involves construction of 1 km 110 kV DC LILO line and 110/11 kV Substation with 2 x 12.5 MVA transformers at an estimated cost of Rs. 1340 Lakhs. The DPR was submitted before the DPR committee in the meeting held on 06.07.2022 for approval. However, the committee directed to revise the DPR after incorporating Substation Automation System (SAS). It was also directed to identify the nature and suitability of the land proposed to be purchased.

Further, the DPR was revised after incorporating SAS and reducing the extent of required land, to an estimate amounting to Rs. 1500 lakhs and was submitted by Deputy Chief Engineer, Transmission Circle, Malappuram vide read (4). This revised DPR was submitted before the DPR committee for Transmission works in the meeting held on 01.12.2022 and was approved, read (3). To accord administrative sanction, the Chief Engineer level AS committee scrutinized the proposal in detail and accorded approval for the subject work at an estimated cost of Rs. 1500 Lakhs, read (2). However, the committee directed to accord administrative sanction only after revising the estimate as per the latest transmission cost data. Now, the Deputy Chief Engineer, Transmission Circle, Malappuram vide read (1) has submitted the estimate revised with rates as per latest transmission cost data.

Having considered the decision of Chief Engineer level AS committee and recommendation of the Deputy Chief Engineer, Transmission Circle, Malappuram, Administrative Sanction is hereby accorded for the work of 'Construction of 110 kV Substation with SAS at Pulikkal in Malappuram district by drawing 1 km, 110 kV double circuit line (LILO) from the existing 110 kV Nallalam - Kizhissery line under Transmission Circle, Malappuram' at an estimated cost of Rs. 1500 Lakhs and entered in the sanction register as AS No. 17/2022-23. The expenditure incurred for

The subject work is proposed to be met from the budget provision for the year 2022-23 and subsequent years.

CHIEF ENGINEER
TRANSMISSION (NORTH), KOZHIKODE

14/
AE-3

To,

The Deputy Chief Engineer,
Transmission Circle, Malappuram.

Copy submitted to: -

The Director (T,SO,P&S), Vydyuthi Bhavanam, Thiruvananthapuram.

Copy to: -

The Executive Engineer, Transmission Division, Malappuram.