



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Indian Companies Act 1956)

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DETAILS OF UP-GRADATION OF 66kV PALLIVASAL-ALUVA DC FEEDER TO 220/110kV MULTI CIRCUIT MULTI VOLTAGE LEVEL

Kerala State Electricity Board Limited has accorded Administrative Sanction vide B.O/(FTD)No.201/2017(D(T&SO)/PSE/TransGrid(S)/2016-17, dated Thiruvananthapuram 25.01.2017 for the upgradation of 66 kV Pallivasal – Aluva Double Circuit feeder to 220/110 kV Multi Circuit Multi Voltage(MCMV) level under phase1 of long term transmission plan (TransGrid 2.0 project) at an estimate amount of Rs. 262.0 Cr.,for evacuating extra power from Pallivasal Extension Scheme (PES) and other upcoming power projects which includes Mankulam; Thottiyar, Pambar, Western Kallar, Peechad power projects.

The work includes the upgradation of existing Aluva – Pallivasal 66 kV feeder to 220/110kV MCMV using narrow based multi circuit towers through the existing right-off-way under the villages Aanaviratti, Vellathuval, Pallivasal, Mannamkandam of Devikulam Taluk in Idukki District&Aluva, Choornikkara, Edathala, Eramalloor, Kothamangalam, Ashamannoor, Marampilly, Perumbavoor, Rayamangalam,Vazhakkulam,vengola,Kuttamangalam,Neriamangalam villages under the Kothamangalam, Kunnathunadu, Aluva taluk in Ernakulam Districts.

Total length of the line is 81 Kms , the additional land required is only to an extent of 2m on either side of existing right off way of 18 meter. The forest area coming only along 5 Km of the existing line route . The additional land required for the full project is 32.4 Ha out of which the forest land is only 2.0 Ha. Since the line route is already existing there will be no tree felling required, only branches are to be cleared. The line route is coming under Munnar Forest division.




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