



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

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

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ABSTRACT

Mid term solution to mitigate the effect of flooding during rainy season at 110 kV Sub station, Kaloor- Approved- Orders issued.

Corporate Office(SBU-T)

B.O.(FTD)No. 281/2020/D(T,SO&S)/T6/Klsy/Kaloor/2019-20 dated Thiruvananthapuram 21.4.2020

- Read :
1. Note No. CE (TS)/ EE1 / AEEII/ Kaloor Substation/2019-20/2095 dated 9.12.2019 of the Chief Engineer, Transmission South.
 2. Note No. D (T,SO&S)/T6 / Klsy /Kaloor/ 2019-20/94 dated 24.12.2019 to the Full Time Directors(Agenda Item No. 80/12/19).
 3. BO(FTD)No. 10/2020/D(T,SO&S)/T6/Klsy/Kaloor/2019-20 dated 7.1.2020.
 4. Note No. CE (TS) / EE1 / AEEII/ Kaloor Substation/ 2019-20 / 2440 dated 18.1.2020 and even no. dated 17.3.2020 of the Chief Engineer, Transmission South.
 5. Note No. D (T,SO&S) /T6 / Klsy /Kaloor /2019-20 /148 dated 7.04.2020 of the Director(T,SO&S) to the Full Time Directors (Agenda : 29/4/20).

ORDER

The Chief Engineer, Transmission South, as per note read as 1st above forwarded the Detailed Project Report for the 'Short term, Mid term and Long term solutions for mitigating flood threat encountered at the 110 kV Substation, Kaloor', as part of the Flood crisis management measures in the aftermath of the flooding of the Kaloor sub station in 2019.

Project A : Short Term Solution: Raising the level of the yard, Construction of bunds and sealing of all passages of the control room through which water entry is possible (Rs. 49 lakh) (in 6 months)

Project B : Mid Term Solution: Shifting and relocating C&R Panels and 11 kV VCB panels to a suitable location to ensure maximum availability of power and to salvage revenue (Rs. 370 lakh) (in 18 months)

Project C: Long Term Permanent Solution: Construction of 110 kV GIS Substation, Kaloor (Rs.39.08 crore) (in 24 months)

KSEBL as per Board order read as 3rd above accorded in principle sanction for the short term solution and resolved to take up the matter of funding for the construction of the 110kV GIS sub station with Government of Kerala and SDMA, by including the same in the scheme for countering the flood related issue at Kochi being considered by the Government of Kerala.

The Chief Engineer, Transmission South as per notes read as 4th above requested sanction for executing the mid term proposal also. The proposal is for shifting and relocating C&R panels and 11 kV VCB panels to the first floor of the existing control room of the Kaloor Sub station after carrying out essential civil works for strengthening of the same. The Chief Engineer has reported that the execution of the mid term proposal is the most critical one for ensuring uninterrupted power supply from the Kaloor sub station in the event of floods. The estimate amount reported by the Chief Engineer is ₹370 lakhs. 110kV C&R panels, 66 kV C&R panels, Transformer C&R panels, 20 panel sets with 4 incomer and 3 couplers, Battery, DG set, Auxiliary Transformer, LT panel, RMUs and control cables of various sizes are included in the estimate. The Chief Engineer further reported that the works can be completed in 4 months from the date of receipt of materials.

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

Having considered the above, the Full Time Directors, in the meeting held on 16.04.2020 RESOLVED to accord in-principle sanction for the works proposed under the mid term proposal (estimate amounting to ₹370 lakhs) for mitigation of flooding and water logging at 110 kV Substation, Kaloor during heavy rain.

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-

Lekha G.

Company Secretary (In- Charge)

To :

The Chief Engineer, Transmission South

Copy to:

The Deputy Chief Engineer, Transmission Circle, Kalamassery

The Deputy Chief Engineer(IT)

The Financial Adviser/ The Chief Internal Auditor.

The RCAO/ RAO.

The TA to Chairman & MD/ D(T,SO&S)/ D(D , IT&HRM)/ D(G-C)/ D(G-E& SCM)

The PA to Director (Finance)/CA to Company Secretary

Fair Copy Superintendent/Library/Stock File.

Forwarded / By Order



Assistant Executive Engineer