



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

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

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ABSTRACT

Construction of 33kV Substation at Pinnakkanadu and allied line works under Transmission Circle, Poovanthuruthu- Administrative sanction accorded- orders issued.

Corporate Office(SBU-T)

B.O(FTD)No.421/2020/D(T&SO)/T2/PVTH/Pinnakkanadu 33kV SS /2020-21 Dated TvpM 22.06.2020

Read: - 1. Note No. CE(TS)/EE1/AEEIV/33kV Pinnakkanadu/2020-21/233 dated 18.05.2020 of the Chief Engineer (Transmission South).

2. Note No. D(T&SO)/ T2/ PVTH /Pinnakkanadu 33kV SS/2020-21/180 Dated: 04.06.2020 of the Director (T,SO&S) (Agenda No. 10/6/20)

ORDER

The Chief Engineer, Transmission South as per paper read 1 above has submitted a proposal based on the decision of the DPR Committee held on 15.01.2020, for the construction of 33kV Substation at Pinnakkanadu and allied line works under Transmission Circle, Poovanthuruthu for an amount of Rs 14.63 Crore. The estimate for the above is prepared based on the prevailing transmission cost data for the transmission works.

The proposal includes the following works.

- a. Construction 33kV Substation at Pinnakkanadu, 8.8Km 33 kV line from 110 kV Erattupetta Substation to Pinnakkanadu.
- b. Laying 1.9Km 33 KV UG Cable (1.2 Km from Erattupetta to Pinnakkanadu + 0.7Km from Pinnakkanadu to Paika).
- c. Constuction of 33 KV Bay at 110 KV Substation, Erattupetta and 33kV Substation, Paika.
- d. Interconnecting 33 kV Feeder between 33kV Substation Pinnakkanadu and 33kV Substation Paika (8.8Km).

As per the load flow study report, the construction of the proposed 33 kV Substation Pinnakkanadu with 2x5 MVA 33/11kV transformer and 1x16 MVA 110/33 kV Transformer at 110kV S/s Erattupetta along with a back up source to 33 kV Substation Paika will reduce the system loss by 35 KW. After the implementation of the proposed work of construction of Pinnakkanadu sub station, the voltage profile in 110 kV Substation Mundakkayam and Kanjirapally will also be increased.

As the DPR committee has approved the project on technical point of view, the Financial Advisor has also recommended the proposal.

The matter was placed before the Full Time Directors as per note read as 2nd above .

Having considered the above, the Full Time Directors in the meeting held on 11.06.2020,

Resolved to accord Administrative Sanction for an amount of Rs 14.63 Crore (Rupees Fourteen Crore and Sixty Three Lakhs only) for the construction 33kV Substation at Pinnakkanadu , 8.8Km 33 kV line from 110 KV Erattupetta Substation to Pinnakkanadu and laying 1.9Km 33 kV UG Cable , 33 kV Bay at 110 kV Substation , Erattupetta and 33kV substation, Paika and an interconnecting 33 kV Feeder between 33kV Substation Pinnakkanadu and 33kV Substation Paika (8.8Km) under Transmission Circle , Poovanthuruthu.

Further resolved to ensure the outcome of the Project.

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 , Poovanthuruthu

The Deputy Chief Engineer (IT)

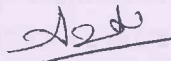
The Financial Adviser/ The Chief Internal Auditor/ The RCAO/ RAO.

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

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

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Assistant Executive Engineer

Annexure to B.O(FTD) No.421/2020/D(T&SO)/T2/PVTH/Pinnakkanadu 33kV SS /
2020-21 Dated TvpM 22.06.2020

| Sl No | Description | Amount in Rs Lakhs |
|-------|--|--------------------|
| 1 | Total cost of Materials | 911.55 |
| 2 | Erection & Commissioning 7.5% | 68.40 |
| 3 | Insurance ,contigencies & Transportation 6% | 54.72 |
| 4 | Cost of civil works | 105.14 |
| 5 | Sub total | 1140.20 |
| 6 | Over head charges 10 % | 114.02 |
| 7 | Total | 1254.22 |
| 8 | Taxes and duties@ 18% of 2,3,4 & 6 | 61.61 |
| 9 | Cost of land | 97.25 |
| 10 | Provision for tree cutting,PTCC,Inspection fees ,etc | 50.00 |
| 11 | Total | 1463.08 |

Forwarded /By Order


Assistant Executive Engineer