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Abstract

Energy Department – Tamil Nadu Innovation Initiatives (TANII) – State Innovation Fund – Artificial intelligence Based Active Grid Network Management to Minimise Renewable Energy Curtailment and Improve System Balancing - project at total cost of 600 Lakhs for the year of 2019-2020 – Round II – Administrative Sanction – orders – Issued.

Energy (A1) Department

G.O (Ms) No.39

Dated: 29.05.2019

விகாரி வருடம் வைகாசி 15,
திருவள்ளூர் ஆண்டு 2050

Read:

1. From the Member Secretary, SPC, letter no. 1500/PC/SPC/2018, dated 31.12.2018 and 27.02.2019
2. From CE/ Grid Operation, TANTRANSO letter no. CE/ GO/ SE/ REMC/ EE/ REMC/ AEE/ REMC/ F.TANII/ D.No. 74 /19, dt.04.03.19

ORDER:-

In the letter first read above, the Member Secretary, SPC has invited new Innovative Proposals, to be eligible for funding under the State Innovation fund, which fulfills the eligibility criteria and adheres to the guidelines permitted under Tamil Nadu Innovation Initiatives (TANII).

2. The Chief Engineer / Grid Operation, TANTRANSO in the letter received 2nd read above has submitted the proposal titled "Artificial intelligence Based Active Grid Network Management to Minimise Renewable Energy Curtailment and Improve System Balancing" which fulfills the eligibility criteria and adheres to the guidelines prescribed under Tamil Nadu Innovation Initiatives (TANII) directly to Member Secretary, State Planning Commission.

3. The State Planning Commission recommended the project at an outlay of Rs.600.00 lakhs for the equipment cost under TANII. The above scheme recommended for the year 2018-19 (Round-II) by the State Planning Commission for implementation is as follows:

Sl. No.	Name of the Scheme	Cost of the project			
		1 st year	2 nd year	3 rd year	Total
		(Rs. in lakhs)			
	TANTRANSCO				
1.	Artificial intelligence Based Active Grid Network Management to Minimise Renewable Energy Curtailment and Improve System Balancing.	600.00	0.00	0.00	600.00
	Total	600.00	0.00	0.00	600.00

4. Orders were not issued due to the code of conduct to the General Election for Lok Sabha 2019, and the amount of Rs. 600 Lakhs has been surrendered in FMA-II 2018-19.

5. The Government after careful consideration accord Administrative and Financial sanction for a sum of Rs. 6.00 Crore (Rupees Six Crore only) towards Artificial intelligence Based Active Grid Network Management to Minimise Renewable Energy Curtailment and Improve System Balancing for the year 2019-20.

6. The expenditure sanctioned in para (5) above shall be debitible under the following head of account:-

2801 – Power 05- Transmission and Distribution 052- Machinery and Equipment State's Expenditure JB- Artificial Intelligence Based Active Grid Network management under State Innovation Fund 309 - Grants-in-Aid 03 – Grants for specific Schemes. (DPC 2801 -05-052-JB 0931)

(IFHRMS CODE 2801 05 052 JB 30903)

7. The above expenditure shall be adjusted by deducting under the following head of Account opened under demand no. 14 HoD 02)

2801- Power 05- Transmission and Distribution 902-Deduct- Amount met from State Innovation fund State's Expenditure JA- Comprehensive condition monitoring techniques for lighting Arrester at Sub stations under State Innovation Fund 330- Inter - Account Transfers 01 - Inter Account Transfers (DPC 2801 – 05- 902- JA 3008)

(IFHRMS CODE 2801 05 902 JA 33001)

and contra debiting J Reserve funds and bearing Interest – 8229 00 Development and Welfare Funds 200 – other development and Welfare Fund BE- State Innovation Fund,

(DPC 8229- 00-200-BE-000E) Receipts
(DPC 8229-00-200-BE-0006) Outgo

8. Necessary funds will be provided in RE/FMA 2019-20. However, it will be brought to the notice of Legislature by a specific inclusion in the Supplementary Estimate 2019-20. Pending provision of funds, the Chief Electrical Inspector to Government, Chennai is authorized to incur the expenditure sanctioned in para 5 above. The Chief Electrical Inspector to Government, Chennai is requested to include the above item of expenditure while sending the budget proposal for RE/FMA 2019-20 and also send necessary draft Explanatory Note for specific inclusion in the Supplementary Estimate 2019-20 to Finance (PW-II/ BG-I) Department without fail at an appropriate time.

9. The Chief Electrical Inspector to Government is authorized to incur the expenditure from the provisions sanctioned in RE/ FMA 2019-20 sanctioned in para 5 above and he is requested to send the utilization certificate immediately after making the payment. He is also requested to follow the usual procedure / orders in force during the implementation of the project.

10. This order issues with the concurrence of Finance Department vide its U.O. No. 23591/ PW-II/ 2019, dated 29.05.2019 and ASL No. 366 (Three Hundred and Sixty Six).

(BY ORDER OF THE GOVERNOR)


Md. NASIMUDDIN,
PRINCIPAL SECRETARY TO GOVERNMENT.

To
The Chairman,
Tamil nadu Transmission Corporation Limited, Chennai-2.
The Accountant General -I, Chennai - 18.
The Accountant General (Audit), Chennai - 18.
The Pay and Accounts Officer (South), Chennai - 35.
The Chief Electrical Inspector to Government (i/c), Chennai - 32.
The Energy (Bills) Department, Chennai-09.
The Finance (PW-II/ BG-I/II) Department, Chennai-09.
The PD & SI Department, Chennai -09.

Copy to:-

The Senior Personal Assistant to Hon'ble Minister (Electricity, Prohibition & Excise),
Chennai-9.
The Principal Private Secretary to Principal Secretary to Government ,
Energy Department, Chennai-9.
SF/SC.

//Forwarded/By Order//


Section Officer