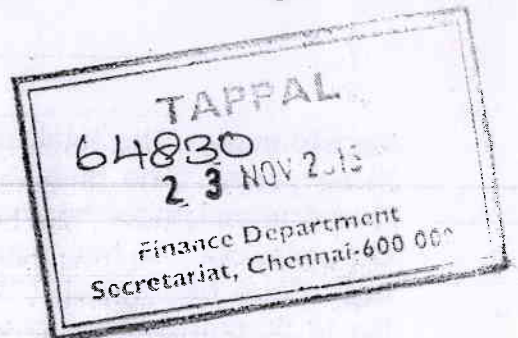


Final Report

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BC
Tamil



ABSTRACT

Energy Department - Tamil Nadu Innovation Initiatives (TANII) - State Innovation Fund - Retro filling of Distribution class Transformers with bio-degradable, non-flammable synthetic ester oil project – At a total cost of Rs.150 lakhs for the year 2015-16 – Administrative sanction – orders – issued.

Energy (D2) Department

G.O.(Ms.)No.69

Dated: 18.11.2015

திருவள்ளூர் ஆண்டு 2046
கார்த்திகை 2

Read:-

- 1) From the Director / Generation, Tamil Nadu Generation and Distribution Corporation Limited Lr dated 19.3.2015.
- 2) From the Member Secretary (FAC) Lr.No.860/SPC(PC)/2015, dated 29.6.2015.
- 3) From the Deputy Secretary (Budget), Finance Department Lr. No.1071/FS(T)/BG.II/2015-5, dated 15.10.2015.

ORDER:

Tamil Nadu Generation and Distribution Corporation Limited has sent the proposal Retro filling of Distribution class Transformers with bio-degradable, non-flammable synthetic ester oil under the Tamil Nadu Innovation Initiatives (TANII) under State Innovation Scheme 2015-2016.

2)Retro filling of Distribution class Transformers with bio-degradable, non-flammable synthetic ester oil

In the present system, the Transformers are filled with mineral insulating oil which is the conventional Transformer oil. This conventional oil is bio-degradable, non-flammable. The R&D wing of Tamil Nadu Generation and Distribution Corporation Limited has through its study has identified “ the synthetic ester oil” as an alternative to the existing conventional oil. The synthetic ester oil is non-flammable and bio-degradable. The project is to replace the existing mineral oil with synthetic ester oil in 94 transformers in the Thermal power stations, 6 transformers in Hydro power stations and in 50 distribution

transformers. The total expenditure involved is Rs.11.50 crores for a period of three years. The project proposal of Tamil Nadu Generation and Distribution Corporation Limited has been examined in detail in the meeting at State Planning Commission. It has been informed that 150 transformers are identified as hazardous as against 2 lakhs transformers. The total expenditure involved is Rs.11.50 crores for a period of three years and 150 transformers are identified as hazardous as against 2 lakhs transformers, for the Retro filling of 25300 litres of Synthetic Ester Oil at an approximate cost of Rs.150.00 lakh.

3) The State Planning Commission has agreed to the Retro filling of 25300 litres of Synthetic Ester Oil at an approximate cost of Rs.150.00 lakh as follows:-

Sl. No.	Name of the projects	Cost of the project as approved by SPC (Rs. in lakh)
1)	Retro filling of Distribution class Transformers with bio-degradable, non-flammable synthetic ester Oil	150.00

4) The Government after careful consideration accord Administrative and financial sanction for a sum of Rs.150.00 lakh (Rupees one hundred and fifty lakhs only) towards Retro filling of Distribution class Transformers with bio-degradable, non-flammable synthetic ester oil project under Tamil Nadu Innovation Initiatives (TANII) Scheme 2015-16 for Retro filling of 25300 litres of synthetic Ester oil.

5) The expenditure sanctioned in para 4 above shall be debitible under the following head of account.

2801 power 80 General 800 – Other expenditure – Schemes in 12th Five Year Plan – II State Plan JB Retro filling of Distribution class Transformers with bio-degradable, non-flammable synthetic ester oil schemes under State Innovation Fund – 09- Grants-in-Aid-03 Grants for Specific schemes.

(DPC : 2801-80- 800-JB-0933)

6) The above expenditure shall be adjusted by deducting under the following new head of account opened under Demand No.14 HOD : 02

2801 – Power – 80 – General 902 Deduct Amount from State Innovation Fund – JA Deduct – Amount met from State Innovation Fund – 30 Inter Accounts Transfer.

(DPC:2801-80-902-JA-3006)

Finance (BG-II) Dept

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By contra debiting from J Reserve Fund (b) Reserve Fund not bearing Interest -8229 00 Development and Welfare Funds -200 Other development act Welfare Funds – BE State Innovation Fund.

(DPC:8229-00-200-BE-0006) Outgo

7) Chief Electrical Inspector to Government is the Estimating, Reconciling and controlling authority for the above New head of account opened in para 6 (i) above. The Pay and Accounts Officers/ Treasury Officers are requested to open the above New head of account in their books.

8) The Chief Electrical Inspector to Government is authorized to incur the expenditure sanctioned in para 4 above and he is requested to send the utilization certificate in due course to Government. He is also requested to follow the usual procedure / orders in force during the implementation of the project.

9) This order issues with the concurrence of Finance department vide its U.O No. 59462 /Finance (PW II) Department, dated 13.11.2015.

(BY ORDER OF THE GOVERNOR)

RAJESH LAKHONI
SECRETARY TO GOVERNMENT

- To
- The Chairman,
- Tamil Nadu Generation and Distribution Corporation Limited ,
- Chennai-2.
- The Accountant General-I, Chennai-18.
- The Accountant General (Audit), Chennai-18.
- The Pay and Accounts Officer. *Chennai (South)*
- The Energy (Bills) Department, Chennai-9.
- ✓ The Finance (PW-II/BG-I/II) Department, Chennai-9.
- The PD & SI Department, Chennai-9.
- SF/SC

//FORWARDED / BY ORDER//



SECTION OFFICER

51/2

THE SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301

MEMORANDUM FOR THE SECRETARY OF DEFENSE
SUBJECT: [Illegible]

1. [Illegible]

2. [Illegible]

SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301

THE SECRETARY OF DEFENSE
WASHINGTON, D.C. 20301

[Handwritten signature]

SECRETARY OF DEFENSE