Round 2

TANII

TAPPAL 64826
23 NOV 2015
Finance Department
Secretariat, Chennai-600 009

ABSTRACT

Energy Department - Tamil Nadu Innovation Initiatives (TANII) - State Innovation Fund – Transformer Insulation Preservation using Innovative External Bellows project - At a total cost of Rs.150 lakhs for 2015-2016 – sanction orders – Issued.

Energy (D2) Department

G.O.(Ms.)No.70 Dated: 20.11.2015

திருவள்ளுவர் ஆண்டு 2046
கார்த்திகை 4

Read:-

1) From the Director / Generation, Tamil Nadu Generation and Distribution Corporation Limited Lr dated 19.3.2015.
2) From the Member Secretary(Full Additional Charge), State Planning Commission 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:

In the letter first read above Tamil Nadu Generation and Distribution Corporation Limited has sent the proposal Transformer Insulation Preservation using Innovative External Bellows project under the Tamil Nadu Innovation Initiatives (TANII) under State Innovation Scheme 2015-2016.

2) The Director/Generation, Tamil Nadu Generation and Distribution Corporation Limited has stated that the Tamil Nadu Generation and Distribution Corporation Limited has proposed to provide "Transformer Insulation Preservation" using "Innovative External Bellows" in all the existing 900 Nos. 33 KV Power Transformers and 1600 Nos.110 KV Power Transformers in order to preserve the quality of oil and paper insulation and the other main components to enhance the life of these Transformers . It is stated that, moisture and oxygen entry, apart from temperature causes the deterioration of oil in the transformer and thereby reduces the life of the transfer and causes its premature failure . The new bellow scheme developed by the R&D wing of Tamil Nadu Generation

and Distribution Corporation Limited prevents the entry of oxygen and moisture in the oil of the transformer in addition to the removal of the existing moisture from the solid insulation in a gradual manner. The power interruption due to poor maintenance of Transformer are the public issue identified and this proposal, by providing the external bellows would make the transformer almost maintenance free. The total expenditure involved in this proposal is Rs.4.50 crores for a period of three years. The proposed innovation is use of new technology with cost effective maintenance of Transformers. He has requested Government approval and funding for the above scheme.

3) In the letter second read above the State Planning Commission after detailed examination considering the potential social / economic benefit has decided to accept the proposal in principle for the tune of 150 lakhs for the year 2015-16.

4) The Government after careful consideration accord administrative and financial sanction for a sum of Rs.150.00 lakh (Rupees one crore and fifty lakhs only) towards Transformer Insulation Preservation using Innovative External Bellows developed by R&D wing of Tamil Nadu Generation and Distribution Corporation Limited under Tamil Nadu Innovation Initiatives (TANII) scheme for 2015-16.

5) The expenditure sanctioned in para 4 above shall be debited under the following new head of account opened under Demand14 HOD:02

2801 power 80 General 800 Other expenditure schemes in the 12th Five Year Plan – II State Plan – JA Transformers Insulation Preservation using Innovative External Bellows developed by R & D wing of Tamil Nadu Generation and Distribution Corporation Limited scheme under State Innovation Fund – 09 – Grants – in-Aid – 03 Grants for Specific Scheme.

(DPC : 2801-80- 800-JA-0935)

6) The above expenditure shall be met from the State Innovation Fund by deducting under the following head of account.

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)

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

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

7) The Chief Electrical Inspector to Government is authorized to incur the above expenditure sanctioned in para 4 aboveand 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.

8) 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//

S. Ma

SECTION OFFICER

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