



ABSTRACT

School Education – Tamil Nadu Innovation Initiatives (TANII) under State Innovation Fund for the year 2016-17 – Bio Digest Toilet in 26 Model Schools – Sanction of Rs.33.28 lakhs – Orders – Issued.

School Education (SSA1) Department

G.O (1D) No 418

Dated 01.11.2016

திருவள்ளூர் ஆண்டு 2047
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Read:-

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1. From the Member Secretary, State Planning Commission Letter No.4476/SPC(PC)/2015-2, dated 5.2.2016.
2. From the Project Director, Rashtriya Madhyamik Shiksha Abhiyan Letter No.1531-1/RMSA/2015, dated 13.4.2016.

ORDER:-

The Tamil Nadu Innovation Initiatives (TANII) established in the State Planning Commission is to foster innovation through a variety of promotional activities and funding support to innovative ideas, schemes and programmes in Government agencies.

2. The State Planning Commission after detailed discussion has recommended to fund for the Bio-digest Toilet in II Phase in 26 Model schools in 13 districts as follows:-

Bio digester technology has been developed for resolving the problems of un-decomposed human waste. The innovation degrades and converts the human waste into usable water and gases in an eco-friendly manner. The generated gas can be utilized for energy/cooking and water for irrigation purposes. Bio digest toilet has already been sanctioned to 18 Model schools through Tamil Nadu Innovation Initiatives (TANII) programme during the year 2015-16. Now, it is proposed to establish the bio-digest toilet in another 26 model schools at a total cost of Rs.37.44 lakhs for a period of 3 years.

Bio-digest toilets are free from the unpleasant odours emitted from the conventional toilets and the effluent is free from off odour and solid waste. The State Planning Commission after detailed deliberation has recommended the proposal to be implemented in 26 model schools at a total cost of Rs.37.44 lakhs.

3. The Project Director, Rashtriya Madhyamik Shiksha Abhiyan has stated that the 26 Model schools proposed are already functioning in the educationally backward blocks. The basic infrastructure was constructed by Police Housing Corporation at a cost of Rs.3.00 crore. These 26 Model schools are having five acres of land and 7 non-teaching staff including a Gardener who can look after the garden related activities. Bio digester technology has been developed for solving the problems of un-decomposed human waste. The

innovation degrades and converts the human waste into usable water and gases in an eco-friendly manner. The generated gas can be utilized for energy / cooking and water for irrigation purposes. The process involves the bacteria which fed upon the faecal matter inside the tank, through anaerobic process which finally degrades the matter and releases methane gas that can be used for cooking, along with the treated water. It is 0% maintenance free, continuous biological process and complete elimination of pathogens. It is economical, ease of use, eliminates mosquitoes and cockroaches, exempt of usual bad smell and easy maintenance. At present the water resources available in secondary schools are very scarce. So the alternative model has been suggested for up scaling. The bio-digester tank can be manufactured and customized as per the requirement. The main constituents of bio-toilet are pre-fabricated above the ground shelter and bio digester tank. Bio digester tank is cylindrical structure with the provision of inlet for human waste and outlet for bio gas. Bio Digester Toilet involves a unique technology wherein the human waste is decomposed in a specially designed digester using a specific anaerobic bacteria that works in the digester tank to break up the faeces into water and methane. This mechanism is with the indigenized and novel techniques. Rather than wasting the water resources the toilets will be converted into biodigester toilets and the recycled water will be used for the green field development in the unused areas of the model schools. This project provides an alternative to flush toilets where there is no suitable water supply. A composting toilet is a dry toilet that uses a predominantly aerobic processing system that treats excreta, typically with no water. It requires less maintenance and environment friendly. The Project Director, Rashtriya Madhyamik Shiksha Abhiyan has now requested Administrative orders for a sum of Rs.37.44 lakh for the above project.

4. The Government after detailed examination of the proposal of Project Director, Rashtriya Madhyamik Shiksha Abhiyan accord sanction for a sum of Rs.33.28 lakh (Rupees thirty three lakh and twenty eight thousand only) for the construction of eco-friendly bio digest toilet in 26 model schools under the Tamil Nadu Innovation Initiatives (TANII) under State Innovation fund for the year 2016-17 as approved by the State Planning Commission.

5. The expenditure sanctioned in para 4 above shall be debited to the following head of account:-

“4202 Capital outlay on Education, Sports, Art and Culture - 01 General Education – 202 Secondary Education – Schemes in the twelfth five year plan – II State Plan – JN Construction of Bio-Digest Toilets in Model schools in 13 Districts – Scheme under State innovation Fund - 16 Major Works. (DPC 4202 01 202 JN 1601)

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

4202- Capital outlay on Education, Art and Culture – 01 General Education – 902 Deduct-Amount from State Innovation Fund – JC Deduct – Amount met from State Innovation Fund – 30 Inter Accounts Transfers. (DPC 4202 01 902 JC 3009)

and contra debiting J Reserve Fund (b) Reserve Funds not bearing Interest – 8229 00 Development and Welfare Funds – 200 Other Development and Welfare Funds – BE State Innovation Fund. (DPC 8229 00 200 BE 0006) (out go)

7. The Director of School Education is the Estimating, Reconciling and Controlling Authority for the above new head of account – “4202 01 902 JC”.

8. The Pay and Accounts Officers /Treasury Officers are directed to open the above new head of account in their books.

9. The Director of School Education is authorized to draw and disburse the amount to the Project Director, Rashtriya Madhyamik Shiksha Abhiyan.

10. This order issues with the concurrence of the Finance Department vide its U.O.No.52301/Edn-II/2016, dated 21.10.2016.

(By Order of the Governor)

D. SABITHA
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Project Director,
Rashtriya Madhyamik Shiksha Abhiyan, Chennai-6.
The Director of School Education, Chennai-6.
The Accountant General, Chennai-18.
The Pay and Accounts Officer (South), Chennai-35.
The Pay and Accounts Officer, Chennai-01.
The Pay and Accounts Officer, Chennai-8.
The District Treasury Officers concerned.

Copy to:
The Chief Minister Office, Chennai-9.
The Personal Assistant to Minister for School Education, Chennai-9.
The Finance (Edn-II/BG-I/BG-II) Department, Chennai-9.
The Planning Development & Special Initiatives Department, Chennai-9.
✓ The Member Secretary,
State Planning Commission, Chennai-5.
The School Education (Budget) Department, Chennai-9.
The School Education (OP) Department, Chennai-9.

//Forwarded By Order//

M. V. Jayale
3/11/16
Section officer