



TANII-16-17R-I)

ABSTRACT

School Education – Tamil Nadu Innovation Initiatives (TANII) under State Innovation Fund for the year 2016-17 – Setting up of Satellite Interactive Terminals (SITs) for EDUSAT – Sanction of Rs.338.40 lakh – Orders – Issued.

School Education (SSA2) Department.

G.O (1D) No 416

Dated 31.10.2016

திருவள்ளூர் ஆண்டு 2047
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Read:-

1. From the Member Secretary, State Planning Commission Letter No.4476/SPC(PC)/2015-2, dated 5.2.2016.
2. From the State Project Director, Sarva Shiksha Abhiyan Letter No. 1960-2/IE & Edusat-Proposals/B5/SSA/2016, dated 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 the proposal of Setting up of Satellite Interactive Terminals (SITs) for EDUSAT as follows:-

The proposal of Sarva Shiksha Abhiyan (SSA) is for the Setting up of Satellite Interactive Terminals (SITs) for EDUSAT cost is Rs.397.62 lakh. The installation of Satellite Interactive Terminals (SITs) is useful to teachers can be trained directly by key resource persons, which would enable effective and clear reception of concepts by teachers/ Monitoring of training Programmes would also become more effective. The State Planning Commission after detailed appraisal has recommended the proposal for funding under Tamil Nadu Innovation Initiatives (TANII).

3. The State Project Director, Sarva Shiksha Abhiyan has stated that the EDUSAT satellite-based interactive narrow casting network has two-way video and two-way audio facility. The network is capable of data transfer from the teaching end to the remote classrooms. The data includes lecture notes, courseware, presentation material, exercises etc. The network consists of three major elements: teaching end, remote receiving sites called classrooms and spacecraft. The teaching end consists of a small studio and an uplink earth station. The studio, which originates live or recorded lectures, is linked to the uplink earth station. The lectures (visual images and the audio signal) are transmitted to the satellite from where they are beamed back to earth covering a large geographical area.

4. She has also stated that the EDUSAT Network of Tamil Nadu is called the ANNA Edusat Network. A separate teaching end studio for Edusat Network was commissioned at State Project Directorate connecting Anna University main HUB station (uplink earth station) by means of Managed Leased Line (MLL) to uplink our programmes. All live programmes broadcasted by Sarva Shiksha Abhiyan (SSA) Edusat Studio was supported by the HUB engineer stationed at main HUB station, Anna University for operating the system. At the receiving End or Classroom the live Video Conference are received at the Block Resource Centre (BRC)/ District Institutes of Education and Training (DIET). There are two types of classrooms – interactive and non-interactive. In the interactive classroom Satellite Interactive Terminal (SIT), the students can interact with the subject expert at the teaching end through a voice link via satellite. The question and the subject expert's response to the question can be heard live in all classrooms. Non-interactive classroom will have ROT 'receive-only' facility and the students can interact with the subject expert via telephone line or mobile phone or internet. State Council of Educational Research and Training (SCERT) has set up 58 new Satellite Interactive Terminals (SITs) in the districts and one new studio at Sarva Shiksha Abhiyan (SSA) SPO in the current year. However, merely two Satellite Interactive Terminals (SITs) per District are highly insufficient to conduct teacher training programmes and reach out to more than 2.5 lakh teachers. Since Sarva Shiksha Abhiyan is going to utilize the studio established by State Council of Educational Research and Training (SCERT) and the studio is being maintained by Hughes Communication India Ltd, Bangalore, financial estimates for establishing one Satellite Interactive Terminal (SIT) has been received from Hughes Communications India Ltd and it is proposed to establish additional 94 Satellite Interactive Terminals (SITs) in the districts. The total cost of 94 Satellite Interactive Terminals (SITs) with two years AMC works out to be 397.62 lakh. All 58 Satellite Interactive Terminals (SITs) setup by State Council of Educational Research and Training (SCERT) were installed in District Institutes of Education and Trainings (DIETs) and in the district head quarters covering about 147 blocks of a total 413 blocks of Tamil Nadu. The remaining 266 blocks of Tamil Nadu are to be covered by Sarva Shiksha Abhiyan with 94 Satellite Interactive Terminals (SITs) which are to be installed at block head quarters. This will cover almost all the blocks in the State to make teaching learning activities through Satellite interactive mode in Tamil Nadu in a better way.

5. She has further stated that the following activities are proposed to be undertaken :-

1. Various training programmes to be conducted both by Sarva Shiksha Abhiyan (SSA) and State Council of Educational Research and Training (SCERT) for the benefit of children, teachers and District Institutes of Education and Training (DIET) lecturers.
2. Interactive sessions are to be conducted with teachers and students throughout the State.

3. Best practices/e-content developed by teachers and students are to be shared with all the other blocks and districts.
4. Model classes on innovative teaching methodologies are to be telecast.
5. Videos containing teaching methodologies, best practices, Achievements, innovations, inventions, etc., by teachers, students and experts are to be played / broadcast.
6. Review meetings and trainings for the inspecting officers (CEOs, DEOs, AEEOs, HMs) are to be conducted to make them more responsive and improve quality of Education)

6. She has also stated that the installation of Satellite Interactive Terminals (SITs) at Block Level will benefit the children of Primary, Upper primary, High and Higher Secondary schools, teachers, block and district level functionaries of Sarva Shiksha Abhiyan (SSA), Elementary Education and School Education. Instead of calling resource persons across the State and giving training at State, district and block level teachers can be trained directly by key persons through this, which would enable effective and clear reception of concepts by teachers. Monitoring of training programmes would also become more effective. Opportunities can be given to teacher across the State to interact with other teachers during EDUSAT programme for sharing ideas and thoughts on certain concepts for better way of Teaching to children. Opportunities can be given to students and other teachers to watch the videos / e-content / best practices / teaching methodologies which have been developed by the teachers across the State. The State Project Director, Sarva Shiksha Abhiyan has now requested sanction orders for a sum of Rs.338.40 lakh for the above said project.

7. The Government accept the proposal of State Project Director, Sarva Shiksha Abhiyan and accord to sanction a sum of Rs.338.40 lakh (Rupees three crore thirty eight lakhs and forty thousand only) for Setting up of 94 Satellite Interactive Terminals (SITs) for EDUSAT under the Tamil Nadu Innovation Initiatives (TANII) under State Innovation Fund for the year 2016-17 as approved by the State Planning Commission.

8. The expenditure sanctioned in para 7 above shall be debited to the following head of account:-

"2202 General Education – 01 Elementary Education – 101 Government Primary Schools – Schemes in the Twelfth five year plan – II State Plan – JH Setting up of Satellite Interactive Terminals for EDUSAT Schemes under State Innovation Fund – 09 Grants-in-Aid – 03 Grants for Specific Schemes."

(DPC 2202 01 101 JH 0933)

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

"2202 General Education – 01 Elementary Education – 902 Deduct - Amount met from State Innovation Fund – JB Deduct – Amount met from State Innovation Fund – 30 Inter Account Transfers (DPC 2202 01 902 JB 3005)

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)

10. The Director of Elementary Education is the Estimating, Reconciling and Controlling Authority for the above new head of account "2202-01-902-JB."

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

12. The Director of Elementary Education is authorized to draw and disburse the amount to the State Project Director, Sarva Shiksha Abhiyan.

13. This order issues with the concurrence of the Finance Department vide its U.O.No.52267/Edn-II/2016, dated 21.10.2016.

(By Order of the Governor)

D. SABITHA

PRINCIPAL SECRETARY TO GOVERNMENT

To

The State Project Director,
Sarva Shiksha Abhiyan, Chennai-6.
The Director of Elementary 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. Jayab 1/11/16

Section officer

[Signature]
1/11/16