



ABSTRACT

Elementary Education – Establishment of Smart Class rooms in the first phase in 3000 Government Primary and Middle Schools in rural areas to facilitate learning of subjects with the aid of Information and Communication Technology (ICT) – Orders issued.

School Education (EE3(2) Department

G.O.(MS) No.02

Dated 04.01.2018

திருவள்ளூர் ஆண்டு-2048
மார்ச்சு-20

Read

1. 2017-2018, the Budget Session, Hon'ble Chief Minister Announcement under rule 110.
2. From the Director of Elementary Education letter No.11671/K3/2017, dated 24.07.2017 & 30.10.2017.

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Order :-

During the year 2017-2018, in the Budget Session, the Honourable Chief Minister has Announced the following:

"Smart Class rooms will be established, in the first phase in 3000 Government Primary and Middle Schools in rural areas to facilitate learning of subjects with the aid of Information and Communication Technology (ICT) and the scheme will be implemented at a cost of Rs.60 crore at the rate of Rs. 2.00 lakhs per school"

2. In the letter second read above the Director of Elementary Education has submitted the following details for implementing the above announcement.

Objective:-

Use of Information and Communication Technology (ICT) in learning/teaching activities has improved effectiveness of schools in imparting education in the recent past. It has helped greatly in promoting conceptual learning and analytical thinking. Smart class rooms would definitely help in unleashing the power of ICT in enhancing learning experience through audio video and other digital modes and thereby improving efficiency and effectiveness of schools in achieving learning outcomes. Hence, it is proposed to establish one smart class room in selected schools. This facility

will also be used for assessment of learning outcomes online and in improving participation of students in competitive examinations.

Norms for Identification of schools :-

- ❖ Approximately 7 or 8 primary/middle schools would be selected in a block.
- ❖ The selected school should have required infrastructure and uninterrupted electricity facility.
- ❖ The strength of students in case of primary schools and middle schools should be not less than 75 and 100 respectively. This condition may be relaxed in case of remote villages and hilly areas.

Technical components

In a smart class room, Smart Board, Projector, Audio, Tablets/ Computers with connectivity facilities will be provided. Each classroom will be provided with minimum of 10 Tablets so that students can use these tablets for learning and assessment.

Estimated cost: The component wise ^{Indicative} ~~Initiative~~ cost is tabulated below:-

Sl. No	Component	No. of Schools	Approximate expenditure for one school	Total Approximate expenditure
1	Smart Board	3000	35000	10,50,00,000
2	Projector	3000	35000	10,50,00,000
3	Audio System	3000	8000	2,40,00,000
4	Tablets for Teacher purpose	3000	15000	4,50,00,000
5	Tablets for Student	3000	70000	21,00,00,000
6	Internet connectivity (3 years unlimited 4G)	3000	10000	3,00,00,000
7	Civil works: Repair works flooring tiles painting works and seats for students	3000	27000	8,10,00,000
	Total	3000	200000	60,00,00,000

Training:-

Training will be imparted to the teachers to enable them to use these facilities in smart class rooms in teaching using regular funds for training as available under Sarva Shiksha Abhiyan (SSA).

Implementation:-

The procurement of hardware i.e. Smart Board, Projector, Loud speaker tools, Tablets for teachers, Tablets for students and Network connectivity will be done through Tamil Nadu Text Book and Educational Services Corporation. The repair works, flooring, furniture, painting works etc. will be done through the School Management Committees (SMC).

The Director of Elementary Education has requested administrative and financial sanction of Rs.60 crore to implement the above scheme in 3000 Government Primary and Middle Schools.

3. The Government have examined the proposal of the Director of Elementary Education in detail and accord permission for implementing the schemes subject to the following conditions:-

- 1) The State Project Director of Sarva Shiksha Abhiyan (SSA) shall submit a proposal for smart class in 3000 Government Primary and Middle schools in accordance with the revised guidelines on 'ICT in schools' before the Project Approval Board of SSA in the next meeting for funding at an estimated cost of Rs.60 crore.
- 2) The procurement of smart boards and projectors/ all in one devices, tablets/ computers with required accessories and connectivity shall be done through Tamil Nadu Text Book and Educational Services Corporation. The technical team in procurement agency may take a call on procurement of either 'all in one device' or the conventional hardware on the basis of utility, economy and ease of handling. The scheme will be implemented on BOOT model with a contract period of five years. The supplier would make available the infrastructure for the duration of 5 years on the basis of service agreement and assurance of a periodic payment subject to satisfactory maintenance. The release of payment would be spread over the contract period and it would be 60% on successful installation and 10% every year on satisfactory performance throughout the year in compliance with the mutually agreed service levels.
- 3) The expenditure on civil works for repair, floor tiles and attractive painting of class rooms at Rs.8.1 crore alone is sanctioned from State Budget. The Director of Elementary Education will issue appropriate guidelines on the nature of civil work and class room

improvement works to be taken up. This component will be implemented through School Management Committee.

4. This order issued with the concurrence of the Finance (Edn-II) Department vide its U.O. No 123/ADS/PK /2017, dated 04.01.2018.

(By Order of the Governor)

Pradeep Yadav
Principal Secretary to Government.

To

The Director of Elementary Education, Chennai-6.
The Director of School Education, Chennai-6
The Managing Director, Tamil Nadu Text Book and Educational Services Corporation Chennai-6.
All Chief Educational Officers.
All District Elementary Educational Officers.
All District Treasuries.
The Pay and Accounts Officer (South, North, East) Chennai.
The Accountant General, Chennai – 18/35.

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The Personnel and Administrative Reforms Department, Chennai-9.
The Finance (Edn-II, Bud, General I & II) (CMPC) Department, Chennai-9.
The Personal Assistant to the Hon'ble Minister for School Education, Chennai-9.
The Private Secretary to the Principal Secretary, School Education Department, Chennai -9.
The School Education (Budget) Department, Chennai -9 .
Stock file /spare copy.

//Forwarded by Order//


Under Secretary to Government. 1/12/18

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