

PROJECT REPORT ON THE NATIONAL SCHEME

of

OPERATION BLACKBOARD

PROPOSALS

Submitted by

Department of Education

Government of Sikkim

to

State Level Empowered Committee

for

Sanction of the State/District Projects

for

Implementation during 1987-88, 1988-89 & 1989-90

Government of Sikkim  
Department of Education  
Planning & Monitoring Division  
Gangtok, Sikkim

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THE NATIONAL SCHEME OF OPERATION BLACKBOARD

S.No.	C O N T E N T S	PAGE
<u>SECTION 'A'</u>		
1.	New Education Policy Directives on the National Scheme of Operation Blackboard (Article 5.7 as contained in the document-National Policy on Education 1986)	1
2.	Operation Blackboard Implementation Strategies (As envisaged in the National Document-Programme of Action) (Paras 20 to 24 in pages 15, 16 & 17)	1
3.	Salient Features of Operation Blackboard Policy and Perspective (As spelt out in the Appendix of letter No. F,1-16/87-Sch.II dated 25.9.87)	3
4.	Components of Operation Blackboard(OB) (As detailed in the letter referred to above)	5
5.	<u>OB SCHEME IMPLEMENTATION STRATEGIES: STATE'S COMMENTS ON THE POLICY GUIDELINES AND COMMITMENTS TO THE POLICY DIRECTIVES</u>	
5.	The Coverage of Operation Blackboard Scheme	5
6.	Selection of CD Blocks and Municipal Area	5
7.	Selection of Municipal Areas	6
8.	Survey & Project Formulation	6
9.	Two Distinct Categories of Survey	6
10.	Reference Date for Survey Under Operation Blackboard	7
11.	Compilation of the Results of the Survey	7
12.	Construction of School Buildings	7
13.	Construction of School Buildings in Primary Schools in Municipal(Urban Areas)	9
14.	Provision of Second Teacher in Single Teacher Schools	9
15.	Learning Materials	10
16.	Quality control of Teaching/Learning Materials and Equipment	10
17.	Production of Materials under Scheme of WE/SUPW	10

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18.	Replenishment of Materials	11
19.	Orientation of Teachers to the Practices of Proper Use and Improvisation of Instructional Materials	11
20.	Financial Pattern and Procedure for Education	11
21.	State Level Empowered Committee	12
22.	The Committee	12
23.	Computation of Salary of Second Teacher	13
24.	Estimates of Essential Facilities(Equipment)	13
25.	Sanctions to be made by the State Level Empowered Committee and Release of Funds by the Ministry of HRD, Government of India	14
26.	Procurement of Equipment	15
27.	Monitoring Systems	15

SECTION 'B'

28.	Results of Survey of Essential Facilities in Primary Schools covered under Operation Blackboard Scheme- District and State Profile	16
-----	--	----

SECTION 'C'

29.	Position of School Buildings and Pucca Rooms in Schools covered under OB Scheme	20
-----	---	----

SECTION 'D'

	<u>Single Teacher Lower Primary(Class III) Schools</u>	
30.	List of 25 single Teacher Schools under Government Management	21
31.	List of 20 Single Teacher Government Aided Schools under Private Management	22
32.	Salary Cost Estimates of 45 Posts of Primary Teachers to be provided to 45 Single Teacher Schools proposed to be converted into two-teacher schools.	23

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## SECTION 'E'

### Cost Estimates of Essential Facilities(Equipment) to be provided to Primary Schools to be Covered under the Project of OB Scheme.

- |  |    |
|--|----|
| 33. Comments on Cost Estimates(Rates)prescribed by the Department of Education, Ministry of Human Resource Development, Government of India  | 24 |
| 34. Statement Showing comparision between cost estimates(rates)prescribed by the Government of India and the rates revised by the State Govt. according to State norms.  | 28 |
| 35. Abstract Statement Showing Total Cost Estimates of Operation Blackboard Project.   | 30 |
| 36. Abstract Statement Showing Cost Estimates of Essential Facilities to be Provided to Primary Schools Covered under the Operation Blackboard Project(State)  | 31 |
| 37. Detailed Statement Showing Statewise Requirement Availability and Deficiency of Essential Facilities(Equipment) and Estimated cost of Equipment to be Supplied to Primary Schools Covered under the Operation Blackboard Project (Worked out only for Deficient Quantity/Number) | 32 |
| 38. Statement Showing Districtwise Requirement, Availability and Deficiency of Essential Facilities(Equipment) and Estimated Cost of Equipment to be Supplied to Primary Schools Covered under the Operation Blackboard Project (Worked out only for Deficient Quantity/Number)      | 35 |
| 39. Supplementary Statement Showing Cost Estimates of Essential Facilities(Equipment) to be Provided to 20 Government Aided Lower Primary Schools<br>(A Supplement giving detailed cost estimates of Item No. 17 in the previous statement)  | 37 |

## SECTION 'F'

### Statistical Information

- |  |    |
|--|----|
| 40. Statement showing Districtwise number of Lower Primary and Primary Schools in Sikkim   | 41 |
| 41. Abstract Statement showing number of Men and Women Teachers in Primary Schools covered under the Operation Blackboard Project. | 42 |
| 42. Districtwise number of Students All Communities in Lower Primary and Primary Schools.  | 43 |

- |     |   |    |
|-----|---|----|
| 43. | Districtwise number of Scheduled Caste Students in Lower Primary and Primary Schools. | 44 |
| 44. | Districtwise number of Scheduled Tribe Students in Lower Primary and Primary Schools. | 45 |

SECTION 'G'

Annexures

- |     |  |    |
|-----|--|----|
| 45. | Districtwise list of schools showing availability of Pucca and other rooms   | 46 |
| 46. | List of Essential Facilities prescribed by the Department of Education, Ministry of Human Resource Development, Government of India. | 63 |
| 47. | Quarterly Proforma Statement for Reporting Progress in Implementation of Operation Blackboard Scheme.                                | 65 |
| 48. | Survey Proforma for Operation Blackboard   | 66 |

SECTION 'H'

- |     |   |    |
|-----|---|----|
| 49. | <u>APPENDIX</u><br><br>Operation Blackboard and Policy Perspective<br>(Appendix to the letter No. F I-16/87-<br>Sch II dated 25.9.87) | 74 |
|-----|---|----|

## THE NATIONAL SCHEME OF OPERATION BLACKBOARD

### 1. New Education Policy Directives on the National Scheme of Operation Blackboard

#### SCHOOL FACILITIES

(Article 5.7 as contained in the document-National Policy on Education 1986)

Provision will be made of essential facilities in primary schools, including at least two reasonably large rooms that are usable in all weather, and the necessary toys, blackboard, maps, charts and other learning materials. At least two teachers, one of whom a woman, should work in every school, the number increasing as early as possible to one teacher per class. A phased drive, symbolically called OPERATION BLACKBOARD will be undertaken with immediate effect to improve Primary Schools all over the country. Government, local bodies, voluntary agencies and individuals will be fully involved.

### 2. Operation Blackboard Implementation Strategies

(As envisaged in the National Document Programme of Action)

(Paras 20 to 24 in pages 15, 16 and 17)

#### OPERATION BLACKBOARD

20. The purpose of OB is to ensure provision of minimum essential facilities in primary schools material facilities as well as learning equipment. Use of the word 'Operation' implies that there is an urgency in this programme, that goals are clear and well-defined, and that Government and the people are determined to achieve those goals within a predetermined time-frame.

21. OB envisages (i) two reasonably large rooms that are usable in all weather; (ii) necessary toys and games material; (iii) blackboards; (iv) charts (v) other learning materials. The specific items to be provided in each school under OB is given in the Annex. In regard to the buildings to be constructed the following points need to be mentioned.

- Construction of essential buildings for primary schools will be the first charge on NREP and RLEGP funds. Those resource will be supplemented by other appropriate schemes.
- Village Education Committees will be required to give undertaking for maintenance and upkeep of buildings and other structures;
- Primary school-wise inventories of available structures will be prepared for systematic planning;
- Inexpensive building designs will be prepared keeping in view the agro-climatic conditions and utilising locally available materials.
- Steps will be taken for obtaining land for playground.

22. It is proposed to take the CD block/municipal area as the unit and to prepare a project for it on the basis of survey of these facilities in each school in that block/municipal area. Although the Fifth Educational Survey is soon being taken up by NCERT, its data will not become available for some months, and compilation and analysis will take still longer. To cover at least 10% blocks and urban schools in the same proportion under the programme in 1986-87 and 20% in 1987-88 it is proposed to conduct a quick survey in a specifically designed simple format in these block/municipal area by 30th September 1986 so that the data can be compiled and project reports prepared by 30.12.1986. Empowered Committees will be set up at the district level to consider and approve the block/municipal area projects. The funds for Operation Blackboard would be provided by the Government of India to the State Governments on advance/reimbursement basis. The results of Fifth Educational Survey would form the basis for block/municipal area projects for the remaining 30% block/municipal area in 1988-89 and 40% block/municipal area in 1989-90.

23. Procedures for procurement, supply and use of equipment envisaged under OB will have to be evolved keeping in view the special needs of primary schools and also ensuring that the costs are kept low. For this purpose specific norms will be laid down.



The first thing will be to specify the various items so as to ensure quality. This work will be done by NCERT, in association with State agencies. Particular attention will be paid to procurement procedures because the general system of purchase by tenders tends to lead to purchase of sub-standard materials. The capacity available in polytechnics, ITIs, secondary and higher secondary schools will be geared to produce the materials required by the school system, particularly under OB. Since unimaginative and rigid provisions of audit and supervision have deterred teachers in many places from using teaching aids at all, amendment of accounting procedures will also require to be worked out. Lastly, the teachers will have to be oriented and encouraged to use this materials in day to day teaching. The mass training of teachers in the summer of 1987 and 1988 will include this aspect. This will be reinforced by supervision by District Boards of Education and DIETs.

24. There is a very large number of single teacher schools in the rural areas. It is obvious that a programme of quality improvement must include provision of at least one more teacher in these schools. This will be attempted during the Seventh Plan and a detailed programme prepared for providing one teacher per class during Eighth Plan. Every effort will be made to ensure that one of the two teachers in every school is a woman, and for this purpose, depending on circumstances obtaining in different areas, local educated woman may be selected, provided special training and opportunities for improving their qualifications. Such a strategy may also become necessary for male teachers in remote rural areas.

3. Operation Blackboard Policy and Perspective

(As spelt out in the Appendix of letter No.F.1-16/87-Sch.II dated 25.9.87) from Joint Secretary, School Education addressed to Education Secretaries of all States/UTs Admn.

Universalisation of Elementary Education (UEE) has been one of the goals of educational development. Provision of free and compulsory education to all the children until they complete the age of 14 years is a Directive Principle of the Constitution.

It is a part of the Minimum Needs Programme as well as the 20-Point Programme 1986. The National Policy on Education, 1986 also gives an unqualified priority to UEE. It resolves that it shall be ensured that all children who attain the age of about 11 years by 1990 will have had 5 years of schooling or its equivalent through the Non-Formal stream, and, likewise, by 1995 all children will be provided free and compulsory education upto 14 years of age.

2. The policy embodies the concept of a National System of Education that lays emphasis on elimination of disparities in the educational system and on improvement in the quality of publicly funded schools so that whatever the socio-economic background of the student, up to a given level he/she has access to education of a comparable quality. The programme of Action of the National Policy on Education aims at achieving the goal of a Common School System, through strategies that focus effort on the underprivileged, the economically weak, the educationally disadvantaged, and the areas that need special attention. It recommends that at the elementary level a child centred approach will be adopted and the academic programme and school activities built around the child. It also proposes measures to effect improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teacher, laying down minimum levels of learning, etc.

3. The Union Government has accepted a larger responsibility in regard to maintenance of quality and standards of education at all levels of the educational process throughout the country. But the role and responsibility of the States remain undiminished-implementation of the NPE must engage the State's full attention, and it is only if the task of implementation is taken up with vigour, persistence and a sense of urgency that the new schemes of quantitative expansion and qualitative improvement, aimed eventually at a transformation of the whole system, have any chance of being realised.

4. Components of Operation Blackboard (OB)

(As detailed in the letter referred to above)

The scheme for a substantial improvement in facilities in primary education has symbolically been named OPERATION BLACKBOARD (OB). OB lays down the minimum level of facilities to be provided in all primary schools which have been established so far, and it also prescribed the minimum level of funding so far, and it also prescribed the minimum level of funding for all new primary schools to be opened in future. There are three interdependent components of OB :-

- (1) Provision of at least two reasonably large rooms that are usable in all weather with a deep verandah alongwith separate toilet facilities for boys and girls.
- (2) Provision of at least two teachers, as far as possible one of them a woman in every primary school.
- (3) Provision of essential teaching and learning material including blackboards, maps, charts, a small library, toys and games and some equipment for work experience.

OB is to be implemented in municipal areas as well as villages. Its scope is confined to primary schools (viz. schools upto class IV or V depending upon the structure in different State's/UTs) upper primary schools and secondary schools, even if they have Classes I to IV/V, are not covered under this scheme.

OB SCHEME IMPLEMENTATION STRATEGIES ; STATE'S COMMENTS UPON THE POLICY GUIDELINES AND COMMITMENTS TO THE POLICY DIRECTIVES

5. The Coverage of Operation Blackboard Scheme

The coverage of Operation Blackboard will be expanded to all 241 lower primary (classes III) and 246 upper primary (class V) schools under the government management and 22 recognised aided primary schools under the private bodies.

6. Selection of CD Blocks and Municipal Area

Sikkim State is divided into four districts comprising 440

revenue blocks and 8 towns (urban areas). There being no community development blocks, district is taken as a unit for development purposes.

District-wise distribution of 8 towns (urban areas) in Sikkim is as under :-

District	Mangan (North)	Namchi (South)	Gangtok (East)	Gyalshing (West)	State
Number of Towns	1	2	3	2	8
Name of Towns:	Mangan	Namchi Jore- thang	Gangtok Singtam Rangpo	Gyalshing Naya Bazar	
No. of Primary Schools	-	-	5	1	6

In the absence of Community Development Blocks, it is proposed to take a district as a unit for implementation of Operation Blackboard Scheme.

#### 7. Selection of Municipal Areas

Selection of municipal (urban) areas in Sikkim poses no problem in 8 towns only 6 primary schools are located. Out of which 5 are in Gangtok town and 1 in Naya-Bazar town in Gyalshing (West) district.

#### 8. Survey & Project Formulation

Survey of existing physical facilities in 487 government primary schools and 22 recognised aided primary schools located in 4 districts in the State has already been completed. For this purpose the survey proforma evolved by the NCERT was used.

#### 9. Two Distinct Categories of Survey

The minuscule size of the State and small number of 509 primary schools has helped the State in conducting survey in all the 509 primary schools in one go, alongwith the Fifth All India

Educational Survey. The survey data has also been compiled and its results (findings) may be referred to in the annexure \_\_\_\_\_.

10. Reference Date for Survey Under Operation Blackboard

The reference date for survey under Operation Blackboard is the 30th September 1986, the same as for the Fifth All India Educational Survey.

11. Compilation of the Results of the Survey

The results of the Survey have been compiled in two parts. Part I relates to the requirement of only 45 additional teachers for converting 45 single teacher schools into two-teacher schools.

In the Part II the remaining data in respect of school buildings and teaching/learning materials, equipment and furniture have been compiled state and district-wise.

12. Construction of School Buildings

The State is aware that no separate funds will be provided by the Ministry of HRD, (Department of Education), Government of India, for construction of primary school buildings. Therefore, all concerted efforts are made to clear the backlog of primary school buildings by constructing them out of State funds and funds available under the NREP/RLEGP. The Eighth Finance Commission did not provide any funds for primary school buildings as the Sikkim State did not come under the criteria laid down by them for this purpose.

Under the NREP/RLEGP the State RDD has been constructing primary school buildings and playgrounds since 1981-82. During the period 1981-82 and 1987-88 the details of year-wise and district-wise number of school buildings, number of class-rooms constructed and the total cost is detailed in the tables given in the annexure.

Upto 1984-85 substantial funds did not flow from the NREP/RLEGP Schemes for the purpose of constructing primary school

buildings but the quantum of funds has been increasing from 1985-86 under the RLEGP.

In the light of the new guidelines issued vide the D.O. letter No.M 20042/27-85 RLEGP dated 30.7.87 of the Union Secretary, RDD, Government of India, all efforts would be made to increase the quantum of funds available under the NREP/RLEGP for this purpose.

In regard to other related points, relevant clarifications are furnished below :-

(A) In Sikkim as a rule the community is responsible for providing entire land free of cost for primary schools for school buildings as well as playgrounds and toilets.

(B) As in Sikkim almost 100% schools are under the government management, the responsibility for repair and maintenance of school buildings rests with the Department of Education.

(C) Under the circumstances explained above the responsibility of fencing the school compound also rests with the Department of Education, but for this purpose help of the local community could be taken in terms-of-materials (fencing poles) and labour.

(D) From 1988-89 onwards, the funds of the Education Department would be lumped with the funds of the NREP to cover 50 percent of the material component to ensure that 50 percent of the labour component is matched by the NREP funds. This measure will help in doubling the number on primary school buildings to be constructed in future under the NREP.

(E) The school buildings which are being constructed under the NREP/RLEGP at present have rooms of adequate size of 22'x18' but verandah is only of 6' depth as against the depth of 10' suggested under the Operation Blackboard Scheme. therefore, the Plan of the school building would have to be redesigned to incorporate verandah of the depth of 10' width.

(F) From 1986-87 the Department of Education has launched a new scheme under which in collaboration with the UNICEF it has been constructing sanitary toilets in primary schools on 50:50 sharing basis. During 1987-88 150 sanitary toilets are under construction in 150 primary schools of the East District in joint collaboration of the UNICEF and the Education Department and 100 toilets are under construction in primary schools of the west district in joint collaboration of the UNICEF and the RDD. Construction of sanitary toilets under the same scheme would be undertaken during 1988-89 and 1989-90 in the remaining 239 primary schools. In collaboration with the Health Education Cell of the Health and Social Welfare Department sanitation education campaign is being launched to orient teachers to inculcate *the* desired sanitary practices in school children.

(G) The plan-designs of school buildings would have to be redesigned on modular pattern so that scope for expansion of the building is kept open. For constructing school buildings under the NREP/RLEGP local materials is being used to keep the cost low. In the new design of the building it would be ensured that there is built in space for storage and cement backboards are incorporated in the wall itself in the rooms as well as at both ends of the verandah.

(H) The measure of using relief funds for meeting labour component of NREP/RLEGP buildings is not very much relevant in the case of Sikkim.

13. Construction of School Buildings in Primary Schools in Municipal (Urban Areas)

The State Department of Education would take the responsibility of providing all additional buildings in schools to be located in urban areas in future. At present all the six urban primary schools have more than two pucca classrooms.

14. Provision of Second Teacher in Single Teacher Schools.

During 1986-87, that is, in February 1987 45 single teacher schools were established which are proposed to be converted into two-teacher schools in February 1988, when the 1988 academic session begins .

(a) If under the Operation Blackboard Scheme funds are provided to appoint second teacher in the 45 single teacher schools the State Government gives categorical assurance that all new schools would be provided two teachers.

(b) To the extent, possible effort would be made to ensure that one of the total teachers in primary schools is a woman.

(c) In the State pre-service training facilities being <sup>to</sup>ally absent, the State Department of Education provides in-service training to primary teachers already in service. In future, there would <sup>be a</sup> need to provide pre-service training facilities,

(d) In Sikkim there is no trained primary teachers awaiting appointment.

15. Learning Materials

The essential facilities as listed in the annexure I, are accepted by the Sikkim State without any change.

16. Quality control of Teaching/Learning Materials and Equipment.

For purchase of teaching/learning materials and other equipments and furniture etc. during 1987-88, the State Government (Department of Education) would work out its own specifications. From 1988-89 onwards the State Govt. would ensure to purchase teaching/learning materials and equipments of the BIS specifications/standard either from the NCERT or approved manufacturers. The State Department of Education would explore the possibility of setting up work-shops in the TTI and the SIERT for manufacture of essential materials and equipments of the laid down specifications under the scheme of WE/SUPW.

17. Production of Materials under scheme of WE/SUPW

As suggested in selected secondary and senior secondary schools, teaching/learning materials and equipments would be manufactured under the schemes of WE/SUPW.



18. Replenishment of Materials.

As almost 100% primary schools in the state are under the government management, the responsibility for replenishment of materials would be shouldered by the State Government.

19. Orientation of Teachers to the practices of Proper Use and Improvisation of Instructional Materials.

It would be ensured that all primary teachers are oriented to the practices of proper use of instructional materials provided under the Operation Blackboard and they also learn to improvise some of these simple unsophisticated materials at their own initiative. This would be included in the in-service teacher training curriculum as an essential component. By making necessary changes in the financial/accounting procedures and audit requirements, purchase procedures would be streamlined to ensure that quality equipment and materials are manufactured and purchased at reasonable rates.

FINANCIAL PATTERN AND PROCEDURE FOR SANCTION

20. It would be ensured that the liability of teachers posts created during the Seventh Plan gets treated as committed expenditure by the Ninth Finance Commission during the Eighth Plan. The State Government assures to undertake the following responsibilities.

20.1 To take full advantage of the funds available under the Operation Blackboard Scheme, the State Government assures to undertake the full responsibility of clearing the existing backlog of school buildings by 1989-90 under the NREP/RLEGP or State Government.

20.2 Provision of contingency fund to lower primary (class III) schools @ Rs.300/- and to upper primary (class V) schools @ Rs.500/- per annum from 1987-88 onwards.

20.3 Land for schools would continue to be provided free of cost by local community and fencing would be done by the Department by enlisting partial public participation.

20.4 Repair and maintenance would be undertaken by the Education Department.

20.5 It is assured that in future all sanction<sup>of</sup> primary school teachers and equipment<sup>s</sup> would be provided at the level envisaged under the Operation Blackboard Scheme.

20.6 As assurance is hereby given that not only all teachers appointed under the Operation Blackboard Scheme but all untrained primary teachers would be exposed to in-service teacher training in a time-bound programme. For this purpose if need be, crash teacher training programmes of short and long term duration would be organised.

20.7 As already assured earlier, responsibility to replenish instructional materials would rest with the Department of Education.

20.8 Under the National Programme of UEE the State Government would universalise primary education by 1990 as it has already achieved the target of 92 per cent enrolment at this stage. But now concerted efforts would be made to increase the retention rate at the elementary stage.

STATE LEVEL EMPOWERED COMMITTEE

21. The State Level Empowered Committee has already been constituted, the composition of which is as under :

THE STATE LEVEL EMPOWERED COMMITTEE

1. Development Commissioner,  
Government of Sikkim  
Shri K. S. Rao Chairman
2. Secretary Education, Govt. of Sikkim  
Shri Tashi-Tobden Vice Chairman
3. Additional Secretary, Education  
Shri Dorjee Dahdul

4. Director of Education, Govt. of Sikkim  
Shri M. C. Mathur
5. Representative of the Finance  
Department, Government of Sikkim
6. Representataive of the Department  
of Education, Ministry of Human  
Resource Development, Government of India  
Shri Sagar, Joint Secretary
7. Representative of the Ministry of  
Finance, Government of India  
(Nomination not yet received)
8. Representataive of NCERT  
Professor K. C. Panda,  
Regional College of Education,  
Bhubaneshwar.

23. Computation of Salary Second Teacher

As advised salary of 45 second teachers who are new entrants, has been computed at the minimum of the pay scale prescribed for primary teachers in Sikkim alongwith the admissible allowances of dearness, House rent, Hill Compensatory, etc. Salary estimates for 1988-89 would include increment component also.

24. Estimates of Essential Equipment

The cost of listed essential equipment has been estimated at the tentative rates furnished by the Ministry of HRD. But it is presumed that as and when the quotations are called from approved suppliers/manufacturers, the actual cost of these items may be more than this. However, despite variations in actual costs, efforts would be made to restrict the total expenditure to anticipated estimates.

As the survey schedule for operation Blackboard Scheme has not been prepared meticulously and not accompanied with explanatory instructions for reporting anticipated (information) response, the response (information) supplied by individual schools is not specific and pinpointed. ~~Supply by individual~~ Supply of vague information has affected the accuracy of available equipment, material and physical facilities in schools. However, an attempt has been made to complete deficiencies of essential equipment, material and physical facilities to the accurate approximations.

In regard to blackboard and furniture for teachers, minimum estimated number of table and chair has been taken as two only, whereas in most of the primary schools there are more than two sections/classrooms. To ensure that each section/classroom has a set of table and chair and blackboards, norm of 2 number will have to be revised to actual requirement, provided necessary number of classrooms are available. Estimated rates of furniture items being grossly low, need upward revision. Estimated number of almirah and its cost has not been indicated in the list of essential equipment whereas it is a furniture item in the Survey Proforma of Operation Blackboard Scheme. Estimated rates of desk and bench have also not been included in the list.

25. Sanctions to be made by the State Level Empowered Committee and Release of Funds by the Ministry of HRD, Govt. of India.

In comparison to other State and UTs, Sikkim is a small State comprising of 4 districts, 8 sub-divisions, 405 inhabited revenue blocks and only 509 primary schools covered under the Operation Blackboard Project. Out of 509 primary schools 487 schools are under the government management and only 22 schools are government aided. The State has no community development (C.D.) blocks. Therefore, OB Projects have been prepared districtwise. As the total financial implications of 4 districtwise OB Projects is only to the tune of Rs. \_\_\_\_\_ lakhs, it is submitted that the entire (100%) projects of 4 districts are considered and sanctioned at a time and release of funds by the Government of India may be 20% during 1987-88, 30% during the first/second quarter of 1988-89 and 50% during the first/second quarter of 1989-90.

With a view to ensure that 20% funds released during 1987-88 are properly utilised within the current financial year, it would be advisable that entire (20%) funds are released during January/February 1988.

As 45 posts of primary teachers for 45 single-teacher existing schools have already been created, 100% that is, whole amount of Rs.6.84 lakhs may be released as teacher-cost.

26. Procurement of Equipment

During 1987-88 purchase of quality equipment will be made from reliable and approved suppliers/manufacturers in Delhi, Calcutta, Haryana/Punjab etc. For example, science kits will be ordered from the NCERT , games materials and equipment will be purchased at fixed rates from manufacturers/suppliers approved by the NIS, Patiala.

From 1988-89, equipment of BIS specifications would be procured at fixed rates from approved suppliers/manufacturers. In future, attempt would also be made to fabricate/manufacture simple items of equipment in the workshops, established in the DIETS/Senior Secondary Schools and ITI. As regards procurement, storage, and distribution of equipment, Ministry's instructions would be followed. Standard samples of various items of equipment would be obtained for approval and maintained at district headquarters for verification and tallying the quality of equipment with the approved samples.

27. Monitoring Systems

To monitor the progress of supplies of essential physical facilities (equipment/materials etc.) to schools and the progress of actual expenditure, quarterly monitoring will be done by furnishing information in the prescribed proforma (annexure II) to the Ministry of HRD as suggested.

GOVERNMENT OF SIKKIM  
DEPARTMENT OF EDUCATION  
DISTRICTWISE PROFILE OF SCHOOLS/COVERED/UNDER THE OPERATION  
BLACKBOARD PROJECT

Sl. No.	Description of Essential Facilities	Number/Quantity				
		North	South	East	West	Total
<u>GENERAL INFORMATION</u>						
1.0	District	North	South	East	West	4
2.0	Blocks (Revenue)	45	135	114	111	405
3.0	Number of Schools	62	129	157	161	509
4.1	LP (Class III) Schools Rural	38	59	71	94	262
4.2	LP (Class III) Schools Urban	-	-	1	-	1
4.3	Primary (Class V) Schools Rural	24	70	80	66	240
4.4	Primary (Class V) Schools Urban	-	-	5	1	6
<u>Management</u>						
5.1	Government	51	126	151	159	487
5.2	Local Body	-	-	-	-	-
5.3	Private Aided	11	3	6	2	22
5.4	Private Unaided	-	-	-	-	-
<u>Type of School</u>						
6.1	Boys	-	-	-	-	-
6.2	Girls	-	-	-	-	-
6.3	Co-Educational	62	129	157	161	509
7.0	Schools having Pre-Pr. Classes	26	87	122	61	296
<u>No. of Classes by classes taught</u>						
8.1	Class I Only	2	9	8	-	19
8.2	Class I - II	5	-	8	6	19
8.3	Class I - III	32	50	56	83	221
8.4	Class I - IV	11	3	-	5	19
8.5	Class I - V	12	67	85	67	231
Total Classes I - V		62	129	157	161	509

S. No.	Description of Essential Facilities	Number/Quantity				
		North	South	East	West	Total
1	2	3	4	5	6	7
8.0	Total number of Sections in all classes	183	493	652	675	2003
8.1	No. of Teachers in Total	208	492	736	534	1970
8.2	Number of Male Teachers	137	361	477	422	1397
8.3	Number of Women Teachers	71	131	259	112	573
8.4	Average No. of Teacher Per Sch.	3	4	5	3	4
9.0	<u>Total No. of Schools</u>	62	129	157	161	509
9.1	No. of Schools Having Two & More than Two Pucca Rooms	59	121	151	155	486
9.2	no. of Schools not having Two Pucca Rooms	3	8	6	6	23
9.3	Total No. of Rooms	179	483	613	554	1828
9.4	Total No. of Pucca Rooms	160	345	525	483	1513
9.5	Total No. of Others Room	19	138	88	70	315
9.6	Average No. of Room Per School	3	4	4	3	4
10.1	Blackboard : Number Available	102	251	340	300	993
10.2	Chalk & Duster : No. Available	-	305	450	499	1254
10.3	Chairs for Teachers - do-	111	229	290	249	879
10.4	Table for Teachers - do-	103	229	290	249	871
10.5	Almirah : Number Available	35	-	-	15	50
10.6	Trash Can : No. Available	-	-	-	27	27
11.0	<u>Total Number of Students</u>					
11.1	Boys	1398	4492	9302	5767	20959
11.2	Girls	893	3482	7772	4425	16572
11.3	Total	2291	7974	17074	10192	39531
11.4	No. of students having Desk	1025	3942	8500	5000	18467
11.5	No. of students <sup>not</sup> having Desk	1266	4032	8574	5192	19064
11.6	No. of students having seats	1102	3942	8500	5000	18544
11.7	No. of students not having seats	1189	4032	8574	5192	18987

- : 3 : -

1. c.	Description of Essential Facilities	Number/Quantity				
		North	South	East	West	Total
2.	Number of schools having Electricity	-	-	6	6	12
2.1	Toilets (for both boys and Girls combined)	-	2	24	39	65
2.1.1	Toilets (for boys only)	-	2	4	6	12
2.1.2	Toilets (for Girls only)	-	2	4	6	12
2.2	<u>No. of Schools Having Playground</u>					
2.2.1	Developed	-	-	-	-	-
2.2.2	Under Developed	16	39	50	16	121
2.3	No. of Schools having drinking Water facilities	26	27	62	43	158
2.3.1	No. of schools having source of drinking water as	26	-	-	-	26
	Running Tap water	5	21	53	31	110
	Stored water	6	6	9	12	33
2.4	<u>No. of Schools bringing water from a distance</u>					
2.4.1	Of Neighbourhood	15	5	7	9	36
2.4.2	½ K.M.	-	1	2	3	6
2.4.3	1 Km	-	-	-	-	-
2.4.4	More than 1 km.	-	-	-	-	-
3.	<u>No. of Schools possessing the following play materials with Number</u>					
3.1	Footballs	37	41	103	105	286
3.2	Volleyballs	6	27	53	51	137
3.3	Rubber Balls	-	15	67	24	106
3.4	Skipping Rope	4	17	15	7	43
3.5	Rings	3	15	7	3	28
3.6	Swing Rope	-	-	-	-	-
3.7	Air Pump	1	-	5	7	13
	<u>Number of Schools Supplied with</u>					
4.1	Syllabus	62	129	157	161	509
4.2	Textbooks	62	129	157	161	509
4.3	Teacher Guides	62	129	157	161	509
5.	<u>Number of Schools having</u>					
5.1	District Maps	-	-	-	-	--
5.2	State Maps	9	19	27	17	72
5.3	Country Maps	-	-	-	-	--
5.4	Globe Maps	2	-	4	7	13
5.5	Educational Chart	3	1	5	4	13
5.6	Wisdom Blocks	-	-	-	-	-
5.7	Balance & weight	-	-	-	-	-
5.8	Magnifying Glass	8	-	-	-	8



- : 4 : -

5.	Description of Essential Facilities	North	South	East	West	Total
5.9	Magnet	7	-	-	-	7
5.10	Measuring Tape	6	-	-	-	6
5.11	Cleanliness Nutrition, Language and <del>XXXXXXXXXX</del> Number charts	-	-	-	-	-
5.12	Primary Science Kit	-	-	7	9	16
5.13	Mani Tool Kit	-	-	-	-	-
5.14	Two in one Audio Equipment	-	-	-	-	-
6.	<u>Number of Schools having</u>					
6.1	Books for Library Reference	-	-	-	-	-
6.2	Dictionaries	9	15	24	47	95
6.3	Encyclopedia	3	-	-	-	3
6.4	Childrens Books	7	27	67	57	158
6.5	News Paper	-	-	-	-	-
6.6	Magazine	-	-	-	-	-
6.7	Journals	-	-	-	-	-
7.	<u>No. of Schools possessing bells</u>	24	92	122	61	299
8.	<u>No. of schools having the Musical instruments like :</u>					
8.1	Dholak or Tabla	-	-	6	6	12
8.2	Harmonium	2	3	5	9	19
8.3	Manjira	1	5	-	-	6
9.	<u>No. of schools having contingency Fund</u>	-	-	-	-	-

STATEMENTS SHOWING NUMBER OF PRIMARY SCHOOLS HAVING TWO OR MORE THAN TWO PUCCA ROOMS AND NUMBER OF SCHOOLS HAVING LESS THAN TWO ROOMS, TOTAL NUMBER OF ROOMS, NUMBER OF PUCCA ROOMS AND NUMBER OF OTHER ROOMS.

Sl.No.	District	No. of schools	No. of schools having two & more than two Pucca Rooms	No. of schools not having two Pucca Rooms	Total No. of Rooms	Total No. of Pucca Rooms	Total No. of other Rooms	Average No. of Rooms per school	
1.	Mangan (North)	L.P.S.	27	24	3	60	52	8	2
		U.P.S.	24	24	-	97	86	11	4
	TOTAL		51	48	3	157	138	19	3
2.	Namchi (South)	L.P.S.	56	48	8	138	97	41	2
		U.P.S.	70	70	-	339	242	97	5
	TOTAL		126	118	8	477	339	138	4
3.	Gangtok (East)	L.P.S.	68	62	6	174	151	23	3
		U.P.S.	85	85	-	431	366	65	5
	TOTAL		153	147	6	605	517	88	4
4.	Gyalshing (West)	L.P.S.	92	86	6	245	207	38	3
		U.P.S.	67	67	-	304	272	32	5
	TOTAL		159	153	6	549	479	70	3
T O T A L		L.P.S.	243	220	23	617	507	110	3
		U.P.S.	246	246	-	1171	966	205	5
	TOTAL		489	466	23	1788	1473	315	4
		L.P.S.	20	20		40	40	-	2
G.	TOTAL		509	486	23	1828	1513	315	4

20

GOVERNMENT OF SIKKIM  
DEPARTMENT OF EDUCATION

The district-wise names of single teacher lower primary schools provided one teacher during 1987-88.

NORTH DISTRICT

<u>Sl.No.</u>	<u>Name of School</u>	<u>Name of Constituency</u>
1.	Dongkhong (Lachen)	Lachen-Mangshila
2.	Ringchem	Dzongu
3.	Lingkyong(Upper Lum)	Dzongu

SOUTH DISTRICT

1.	Lower Challamthang	Temi-Tarku
2.	Upper Raiyong	Vok (Wak)
3.	Lower Nandugsoan	Jorethang
4.	Mungrang	Melli
5.	Tanzee	Ratepani
6.	Pakchey	Damthang
7.	Rhenock-Chuman	Ralong
8.	Padamdara	Vok (Wak)
9.	Harrabotey	Jorethang
10.	Kichu Dumra	Damthang

EAST DISTRICT

1.	Teenkharge	Pathing
2.	Samsing	Pathing
3.	Martam-Lingtam	Martam
4.	Dhupidara	Khamdong
5.	Bhirkuna	Khamdong
6.	Okharbotey	Central-Pendam

WEST DISTRICT

1.	Maneybong Simboley	Dentax
2.	Muzawa-Khaniserbong	Chakung
3.	Sangkhole-Singrabong	Yoksun
4.	Middle Sangdorjee	Rinchenpong
5.	Upper Kamling	Chakung
6.	Suntaley Khaniserbong	Chakung

LIST OF GOVERNMENT AIDED LOWER PRIMARY (CLASS III) SCHOOLS.NORTH DISTRICTSl.No. Name of School

1. Phedong L.P. School
2. Phensang L.P. School
3. Labrang L.P. School
4. Singchet L.P. School
5. Hee Gyathang L.P. School
6. Lingthem L.P. School
7. Shep Gyer L.P. School
8. Chungthang L.P. School
9. Lachen L.P. School
10. Lachung L.P. School
11. Lingdem L.P. School

SOUTH DISTRICT

1. Ralong L.P. School
2. Boomtar L.P. School
3. Lingee L.P. School

EAST DISTRICT

1. Enchey L.P. School
2. Semick L.P. School
3. Renock L.P. School
4. Rumtek L.P. School

WEST DISTRICT

1. Pemayangche L.P. School
2. Tashiding L.P. School.

STATEMENT SHOWING PAY SCALE BASIC PAY AND  
ALLOWANCES PAYABLE TO TEACHERS OF PRIMARY  
SCHOOLS COVERED UNDER THE OPERATION BLACKBOARD

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S.No. Description

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1. Name of Post	Primary Teachers
2. Old Scale	Rs. 810-1200
3. Revised Scale	Rs. 1030-25-1230-30- 1680
4. Increment for 1988-89	Rs. 25.00
5. Basic Pay	Rs. 1055.00
6. H.C.A.	Rs. 84.00
7. H.R.A.	Rs. 153.25
8. Dearness Allowance	Rs. -
9. Total Emoluments	
9.1 Per Month.	Rs. 1297.65
9.2 Per Annum	Rs. 15571.80

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Total Salary Cost of 45 Primary  
Teachers @ Rs. 15,571.80 P per annum = Rs. 15,571.80 x 45  
=Rs. 7,00,751.00  
Say Rs. 7.00 Lakhs

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Comments on Norms of Cost Estimates (Rates) of Various  
Items of Essential Facilities (Equipment) fixed by  
Government of India

1.0 Teachers' Equipment

- 1.2 Cost of one set of primary textbooks estimated at Rs.25.00 (per set) is too low. As against this estimated cost of Rs. 25.00, the State estimate of one set of textbooks for L.P. school works out to Rs. 150/- per set and cost of one set of textbooks for U.P. school works out to Rs.300 per set.

Thus as against Rs. 12,925/- as total cost of sets of textbooks worked out at the GOI estimates, the actual cost of sets of textbooks computes to Rs. 1,13,250/- as per the State current estimates.

- 1.2 During 1988-89 the textbooks policy will be reviewed as a consequence of this move, all schools will be provided entirely new sets of syllabus, sets of textbooks and teacher guides at revised prices. Therefore, 100% cost of textbooks has been calculated, and existing availability position has been shown as nil.

2. Classroom Teaching Materials

At the GOI estimates cost has been calculated for deficient quantity only.

3. Play Materials and Toys

At GOI rates cost has been calculated for 100% requirement.

4. Games Equipment

Cost of play materials and toys to be supplied has been calculated for the deficient number only at GOI estimates, though for certain items, such as, football, volley ball, swing rope and tyre, the GOI rates are much lower.

5. Primary Science Kit

At GOI rates cost has been calculated for deficient number.

6. Mini Tool Kit

Availability position being nil cost at GOI rates has been worked out for 100% requirement.

7. Mathematics Kit

Availability position being nil cost at GOI rates has been worked out for 100% requirement.

8. Books for Library

At GOI rates cost has been calculated for deficient number only.

9. School Bell

Cost has been worked out for deficient number at GOI rate.

10. Musical Instruments

At GOI estimates cost has been worked out for deficient number only.

11. Contingency Money

At the rate of Rs. 300/- per L.P. (Class III) school and of Rs. 500/- per U.P. (Class V) school contingency money will be given by the State Government to all primary schools covered under the Operation Blackboard Project.

12. Chalk and Duster

GOI estimate of Rs. 30/- per school per session is too low for chalk and dusters. Because at the rate of minimum 10 chalk sticks per day for 150 teaching days in a session of minimum 200 working school days, a minimum of 1500 sticks, that is, 15 packets of chalk sticks will be required. At the rate of Rs. 3.00<sup>per</sup> packet cost of 15 packets would be Rs. 45.00 plus 5 dusters @ Rs. 2.00 each will cost Rs. 10.00. Thus total cost of this item per session would be a minimum of Rs. 55.00 against Rs. 30.00. However, due to oversight we have calculated cost of this item at GOI rate.

13. Water Facility

Cost of pitcher, glasses and ladle has been calculated at Government of India rates. In Sikkim as pitchers are not in vogue and also not available plastic closed lid buckets will be used, cost of which will be higher.

#### 14. Trash Cans

At Government of India rates cost of 100% requirement has been worked out.

#### 15. FURNITURE FOR TEACHERS AND STUDENTS

15.1 Teachers Table : As out of 1970 primary teachers in position only 871 have tables, cost of 1099 deficient number of tables has been calculated at State rate of Rs.600/- per table.

Teachers Chairs : Cost of 1091 deficient number of chairs has been worked out at State rate of Rs. 300/-per chair.

#### 15.2 Furniture for Students

Sikkim being a hill State having cold climate, mats can not be used in schools. Students are, therefore, provided desks and chairs/benches.

Presuming that each student must have a set of desk and chairs, cost of desks and chairs has been calculated at the State norm (rates) for deficient number of desks and chairs. Cost of Rs. 1906 deficient number of desks @ Rs.360/- each works out to Rs. 68,63,040/- similarly cost of Rs. 18,987/- deficient number of chairs @ Rs. 240/- works out to Rs. 45,56,880/-

At Government of India rate of Rs. 375/- cost of a set of mats for 509 schools works out to Rs. 1,90,875/-

#### 15.3 Almirah

Almirah is a item of furniture in the NCERT proforma. Cost of 509 almirahs at the State rate of Rs. 1200/- each has been worked out to Rs. 6,10,800/-

#### 15.4 Boxes

Cost of 509 sets of boxes at the Government of India rate of Rs. 300/- per 2 boxes works out to Rs.1,52,700/-



16. BLACKBOARD

Two cost estimates have been given. According to Government of India norm of 2 blackboard per school, for 509 schools @ Rs. 400/- per school, cost has been worked out to Rs. 2,03,600/-

But as it is presumed that all class-rooms (836) which do not have a blackboard, must be provided with a blackboard, cost of 836 deficient number of blackboards has been calculated @ Rs. 200/- per blackboard which works out to Rs.1,67,200/-

PIN UP BOARD

Two cost estimates have been given. According to Government of India norm of 2 Pinup Board per school, cost of 509 sets of pinup boards works out to Rs.25,450/-. The second cost estimate of Rs. 45,725/- has been worked out for 1829 pin up boards @ Rs. 25/- per pin up board.

ABSTRACT STATEMENT SHOWING TOTAL COST ESTIMATES OF  
OPERATION BLACKBOARD PROJECT

Sl.No.	Description	Total cost of Operation Blackboard Project at Estimates	
		Prescribed by the GOI	Revised by the State
(Rupees in lakhs)			
<u>TEACHER COST</u>			
1.	Salary cost of 45 Primary Teachers proposed to be appointed to convert 45 single teacher primary schools to two-teacher schools.	7.00	7.00
<u>NON-TEACHER COST</u>			
2.	Cost of essential facilities (equipments) to be provided to 509 primary schools covered under the Operation Blackboard Scheme	33.27	158.78
TOTAL COST		Rs. 40.27	Rs. 165.78

GOVERNMENT OF SIKKIM  
DEPARTMENT OF EDUCATION

COST ESTIMATES OF ESSENTIAL FACILITIES TO BE PROVIDED TO PRIMARY SCHOOLS COVERED UNDER THE OPERATION  
BLACK BOARD SCHEME (STATE).

Sl. No.	Description of Essential Facilities (Equipment)	Total (100%) cost of Essential Facilities (Equipment) at Estimates (Rates)	
		Revised by the State	Prescribed by the Government of India
1.	Teachers Equipment	1,23,430.00	22,905.00
2.	Class-room Teaching Materials	1,70,715.00	1,70,715.00
3.	Play Materials & Toys	2,44,320.00	2,44,320.00
4.	Games Equipment	1,48,985.00	1,48,985.00
5.	Primary Science Kit (NCERT)	1,97,200.00	1,97,200.00
6.	Mini Tool Kit (NCERT)	1,52,700.00	1,52,700.00
7.	Mathematics Kit	1,52,700.00	1,52,700.00
8.	Books for Library	8,82,650.00	8,82,650.00
9.	School Bell	10,500.00	10,500.00
10.	Musical Instruments	3,19,850.00	3,19,850.00
11.	Contingency money with teacher	-	-
12.	Mats & Furniture for students and teachers	1,31,70,120.00	6,99,875.00
13.	Black Board	1,67,200.00	2,03,600.00
14.1	Pin Up Board (Canvas)	45,725.00	25,450.00
14.2	Chalk & Duster	15,270.00	15,270.00
15.	Water Facility	50,900.00	50,900.00
16.	Trash Cone	25,450.00	25,450.00
		<b>1,58,77,715.00</b>	<b>33,23,070.00</b>

STATEMENT SHOWING ESTIMATED COST OF EQUIPMENT TO BE SUPPLIED TO PRIMARY SCHOOLS COVERED  
UNDER THE OPERATION BLACKBOARD SCHEME (WORKED ONLY FOR DEFICIENT QUANTITY/NUMBER)

Sl.No.	Description	Number approved per school	Rate amount in Rs.	Number of Items			Total estimated cost	
				Required	Esisting	Deficiency		
1	2	3	4	5	6	7	8	9
<b>1. Teachers Equipment</b>								
1.1	Syllabus	01 set	5.00	509	-	509	2545.00	2545.00
1.2	Textbooks: LPS	01 Pry.set	25.00/150.00	263	-	263	6575.00	39450.00
	UPS	01 Pry.set	25.00/300.00	246	-	246	6150.00	73800.00
1.3	Teachers Guide	01 set	15.00	509	-	509	7635.00	7635.00
							<u>22905.00</u>	<u>123430.00</u>
<b>2. Class-room Teaching Materials</b>								
2.1	Maps: District, State, Country, World	01 set	175.00	509	72	437	76475.00	76475.00
2.2	Plastic Globe	01 each	100.00	509	13	496	49600.00	49600.00
2.3	Educational Charts	01 set	90.00	509	13	496	44640.00	44640.00
							<u>170715.00</u>	<u>170715.00</u>
<b>3. Play Materials &amp; Toys</b>								
3.1	Wisdom Blocks	03 sets	120.00	509	-	509	61080.00	61080.00
3.2	Birds & Animal Puzzle	03 sets	60.00	509	-	509	30540.00	30540.00
3.3	Toys	02 sets	5300.00	509	-	509	152700.00	152700.00
							<u>244320.00</u>	<u>244320.00</u>
<b>4. Games Equipment</b>								
4.1	Skipping Rope	10	60.00	509	43	466	27960.00	27960.00
4.2	Balls : Football	02	70.00	509	286	223	15610.00	15610.00
	Volleyball	02	70.00	509	137	372	26040.00	26040.00
	Rubber Ball	10	50.00	509	106	403	20150.00	20150.00
4.3	Air Pump	01	35.00	509	13	496	17360.00	17360.00
4.4	Ring	05	50.00	509	28	481	24050.00	24050.00
4.5	Swing Rope with Tyre	01	35.00	509	-	509	17815.00	17815.00
							<u>148985.00</u>	<u>148985.00</u>

Sl.No.	Description	Number approved per school	Rate amount in Rs.	Number of Items			Total estimated cost	
				Required	Existing	Deficiency		
1	2	3	4	5	6	7	8	9
5.	Primary Science Kit of NCERT	01	400.00	509	16	493	197200.00	197200.00
6.	Mini Tool Kit of NCERT	01	300.00	509	-	509	152700.00	152700.00
7.	Mathematics Kit	01	300.00	509	-	509	<u>152700.00</u>	<u>152700.00</u>
							502600.00	502600.00
8.	<u>Books for Library Reference</u>							
8.1	Books : Dictionaries	02	100.00	509	95	414	41400.00	41400.00
	Encyclopedia	01	100.00	509	3	506	50600.00	50600.00
8.2	Childrens Books	200	1600.00	509	158	351	561600.00	561600.00
8.3	Magazine Journals, and News Papers	01	450.00	509	-	509	<u>229050.00</u>	<u>229050.00</u>
							882650.00	882650.00
9.	School Bell	01	50.00	509	299	210	10500.00	10500.00
10.	<u>Musical Instruments</u>							
10.1	Dholak or Tabla	01	100.00	509	12	497	49700.00	49700.00
10.2	Harmonium	01	500.00	509	19	490	245000.00	245000.00
10.3	Manjira	02	50.00	509	6	503	<u>25150.00</u>	<u>25150.00</u>
							319850.00	319850.00
11.	<u>Contingency money with teachers</u>	<u>NOTE :</u>						
12.	Chalk & Duster	-	30.00	509	-	509	15270.00	15270.00
13.	Water facility (Pitcher, Glasses and Ladle)	-	100.00	509	-	509	50900.00	50900.00
14.	Trash Can	10	50.00	509	-	509	<u>25450.00</u>	<u>25450.00</u>

TO BE GIVEN BY THE STATE GOVERNMENT

Sl.No.	Description	Number approved per school	Rate amount in Rs.	Number of Items			Total estimated cost	
				Required	Existing	Deficiency		
1	2	3	4	5	6	7	8	9
<u>15. Furniture for teachers and students</u>								
15.1	For teachers : Table	01 each	700/600	509/1970	871	509/1099	356300.00	659400.00
	Chairs	01 each	300	1970	879	1091	-	327300.00
15.2	For students : Desks	01 each	360	37531	18467	19064	-	6863040.00
	Chairs	01 each	240	37531	18544	18987	-	4556880.00
	Mats	01 each	375	509	-	509	190875.00	-
15.3	Almirah	01	1200	509	-	509	-	610800.00
15.4	Boxes	02	300	509	-	509	<u>152700.00</u>	<u>152700.00</u>
							699875.00	13170120.00
16.	Black Board	01 per section/	200.00/ 400.00	509/1829	993	509/ 836	203600.00	167200.00
	Pin up Board(Canvas)	02per school	50/25.00	509/1829	-	509/1829	<u>25450.00</u>	<u>45725.00</u>
							229050.00	212925.00
GRAND TOTAL							3323070.00	15877715.00

STATEMENT SHOWING ESTIMATED COST OF EQUIPMENT TO BE SUPPLIED TO PRIMARY SCHOOLS COVER D UNDER THE OPERATION BLACKBOARD WORKED OUT ONLY  
FOR DEFICIENT QUANTITY/NUMBER

Sl. No.	Description	No. approved per schools.	Rate amt. in Rs.	No. of Items required					No. of Items existing					No. of Items Deficient					Total 100% at estimates revised by State	Rates prescribed by G.O.I.	
				N	S	E	W	T	N	S	E	W	T	N	S	E	W	T			
<b>1. Teachers Equipment</b>																					
1.1	Syllabus	01 set	5.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	2445.00	2445.00	
1.2	Textbooks for LPS	01 Pry.set	150.00	27	56	68	92	243	-	-	-	-	-	27	56	68	92	243	34650.00	6075/-	
	UPS	-do-	300.00	24	70	85	67	246	-	-	-	-	-	24	70	85	67	246	73800.00	6150/-	
1.3	Teachers Guide	01 set	15.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	7335.00	7335/-	
																			<u>118230.00</u>	<u>22005/-</u>	
<b>2. Classroom Teaching Materials</b>																					
2.1	Maps : District, State, Country, World	01 each	175.00	51	126	153	159	489	9	7	26	30	72	42	119	127	129	417	72975.00	72975/-	
2.2	Plastic Globe	01	100.00	51	126	153	159	489	2	-	-	11	13	49	126	153	148	476	47600.00	47600/-	
2.3	Educational Charts	01 set	90.00	51	126	153	159	489	-	6	7	-	13	51	120	146	159	476	42800.00	42840/-	
																			<u>163235.00</u>	<u>163235/-</u>	
<b>3. Play Materials &amp; Toys</b>																					
3.1	Wisdom Books	03 sets	120.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	58680.00	58680/-	
3.2	Birds & Animal Puzzle	03 sets	60.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	29340.00	29340/-	
3.3	Toys	02 sets	300.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	146700.00	146700/-	
																			<u>234720.00</u>	<u>234720/-</u>	
<b>4. Games Equipments</b>																					
4.1	Skipping Rope	10	60.00	51	126	153	159	489	4	27	-	12	43	47	99	153	147	446	26760.00	26760/-	
4.2	Balls : Football	02	70.00	51	126	153	159	489	37	41	103	105	286	14	85	50	54	203	14210.00	14210/-	
	Volleyball	02	70.00	51	126	153	159	489	6	27	53	51	137	45	99	100	108	352	24640.00	24640/-	
	Rubberball	10	50.00	51	126	153	159	489	-	15	67	24	106	51	111	86	135	383	19150.00	19150/-	
4.3	Air Pump	01	35.00	51	126	153	159	489	1	-	5	13	50	126	148	152	476	16660.00	16660/-		
4.4	Ring	05	50.00	51	126	153	159	489	3	25	-	-	28	48	101	153	159	461	23050.00	23050/-	
4.5	Swing Rope with Typrel		35.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	17115.00	17115/-	
																			<u>141585.00</u>	<u>141585/-</u>	
5.	Primary Science Kit of NCERT		400.00	51	126	153	159	489	-	-	7	9	16	51	126	146	150	473	189200.00	189200/-	
6.	Mini Tool Kit of NCERT	01	300.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	146700.00	146700/-	
7.	Mathematics Kit	01	300.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	146700.00	146700/-	
																			<u>482600.00</u>	<u>482600/-</u>	

Date: 31/10/88  
1-4392

8. <u>Books for Library Ref.</u>																					
8.1	Books : Dictionaries	02	100.00	51	126	153	159	489	9	15	24	47	95	42	111	125	112	394	39400.00	39400/-	
	Encyclopedia	01	100.00	51	126	153	159	489	3	-	-	-	3	48	126	123	159	486	48600.00	48600/-	
8.2	Childrens Books	200	1600.00	51	126	153	159	489	7	27	67	57	158	44	99	86	102	331	529600.00	529600/-	
8.3	Magazine, Journals and Newspapers	01 each	450.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	<u>220050.00</u>	<u>220050/-</u>	
																			<u>837650.00</u>	<u>837650/-</u>	
9.	<u>School Bell</u>	01	50.00	51	126	153	159	489	24	92	122	61	299	27	34	31	98	190	9500.00	9500/-	
10. <u>Musical Instruments</u>																					
10.1	Dholak or Tabla	01	100.00	51	126	153	159	489	-	-	6	6	12	51	126	147	153	477	47700.00	47700/-	
10.2	Harmonium	01	500.00	51	126	153	159	489	2	3	5	9	19	49	123	148	150	470	235000.00	235000/-	
10.3	Manjira	02	50.00	51	126	153	159	489	1	5	-	-	26	50	121	153	159	483	<u>24150.00</u>	<u>24150/-</u>	
																			<u>306850.00</u>	<u>306850/-</u>	
11. <u>Contingency money with teachers</u>																					
12. <u>Furniture for teachers &amp; students</u>																					
12.1	For teachers :Table	1 each	600.00	197	489	732	532	1950	103	229	290	249	871	94	260	442	283	1079	647400.00	342300/-	
	Chair	1 each	300.00	197	489	732	532	1950	111	229	290	249	879	86	260	442	283	1071	321800.00		
12.2	For students :Desks	1 each	360.00	1961	7884	16954	10132	36931	1025	3942	8500	5000-18	467	936	3942	8554	5132	18464	6647040.00	183375/-	
	Chair	1 each	240.00	1961	7884	16954	10132	36931	1102	3942	8500	5000-18544	859	3942	8554	5132	18387		4412880.00		
12.3	Almirah	01	1200.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	586800.00		
12.4	Boxes	02	300.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	<u>146700.00</u>	<u>146700/-</u>	
																			<u>12762120.00</u>	<u>672375/-</u>	
13.	Black Board	01	200.00	172	490	648	499	1809	102	251	340	300	993	70	239	308	199	816	163200.00	195600/-	
	Pin Up Board (Canvas)	01	25.00	172	490	648	499	1809	-	-	-	-	-	172	490	648	499	1809	45225.00	24450/-	
14.	Chalk & Duster		30.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	14670.00	14670/-	
15.	Water facility(Filters Glasses and Ladle)		100.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	48900.00	48900/-	
16.	Trash Can	10	50.00	51	126	153	159	489	-	-	-	-	-	51	126	153	159	489	<u>24450.00</u>	<u>24450/-</u>	
																			<u>296445.00</u>	<u>308070/-</u>	
17.	100% cost of Equipment to be supplied to 20 Govt. aided L.P.(Class-III) schools	Complete set	26080.00 7425.00	11	3	4	2	20	-	-	-	-	-	11	3	4	2	20	<u>15352935.00</u>	<u>3178590/-</u>	
																			521600.00	<u>148500/-</u>	

GRAND TOTAL : 15974935.00 3323090/-



Sl.No.	Description of Essential Physical Facilities	Number Approved per school	Rate Amount	No. of Items			Total (100%) cost of Equipment at Estimates (Rate)	
				R	E	D	Revised by State	Prescribed by GOI
1	2	3	4	5	6	7	8	9
<u>1. Teachers' Equipment</u>								
	i) Syllabus	01 set	Rs. 5.00	20	-	20	Rs. 100.00	100.00
	ii) Textbooks	01 set	Rs. 300.00	20	-	20	Rs. 6000.00	500.00
	iii) Teachers' Guide	01 set	Rs. 15.00	20	-	20	Rs. 300.00	300.00
							<u>Rs. 6400.00</u>	<u>900.00</u>
<u>2. Class-room Teaching Material</u>								
	i) Maps: District, State, Country, World	01	Rs. 175.00	20	-	20	Rs. 3500.00	3500.00
	ii) Plastic Globe	01	Rs. 100.00	20	-	20	Rs. 2000.00	2000.00
	iii) Educational Charts	01 set	Rs. 300.00	20	-	20	Rs. 6000.00	6000.00
							<u>Rs. 11500.00</u>	<u>11500.00</u>
<u>3. Play Materials &amp; Toys</u>								
	i) Wisdom Blocks	03 set	Rs. 120.00	20	-	20	Rs. 2400.00	2400.00
	ii) Birds & Animal Puzzle	03 set	Rs. 60.00	20	-	20	Rs. 1200.00	1200.00
	iii) Toys	02 set	Rs. 300.00	20	-	20	Rs. 6000.00	6000.00
							<u>Rs. 9600.00</u>	<u>9600.00</u>

Sl.No.	Description of Essential Physical Facilities	Number Approved per school	Rate Amount	No. of Items			Total (100%) cost of Equipment at Estimates (Rates)	
				R	E	D	Revised by State	Prescribed by GOI
1	2	3	4	5	6	7	8	9
<b>4. Games Equipment</b>								
i)	Skipping Rope	10	Rs. 60.00	20	-	20	Rs. 1200.00	1200.00
ii)	Balls - Football	02	Rs. 70.00	20	-	20	Rs. 1400.00	1400.00
	Volley ball	02	Rs. 70.00	20	-	20	Rs. 1400.00	1400.00
	Rubber Ball	10	Rs. 50.00	20	-	20	Rs. 1000.00	1000.00
iii)	Air Pumb	01	Rs. 35.00	20	-	20	Rs. 750.00	750.00
iv)	Ring	05	Rs. 50.00	20	-	20	Rs. 1000.00	1000.00
v)	Swing Rope with Tyre	01	Rs. 35.00	20	-	20	Rs. 750.00	& 750.00
							Rs. 7500.00	7500.00
5.	Primary Science Kit (NCERT)	01	Rs. 400.00	20	-	20	Rs. 8000.00	8000.00
6.	Mini Tool Kit (NCERT)	01	Rs. 300.00	20	-	20	Rs. 6000.00	6000.00
7.	Mathematics Kit	01	Rs. 300.00	20	-	20	Rs. 6000.00	6000.00
<b>8. Books for Library</b>								
<b>i) Reference Books</b>								
	Dictionaries	02	Rs. 100.00	20	-	20	Rs. 2000.00	2000.00
	Encyclopedia	01	Rs. 100.00	20	-	20	Rs. 2000.00	2000.00
ii)	Children Books	200	Rs. 1600.00	20	-	20	Rs. 32000.00	32000.00
iii)	Magazine, Journals, Newspapers	01 each	Rs. 450.00	20	-	20	Rs. 9000.00	9000.00
							Rs. 45000.00	45000.00

1	2	3	4	5	6	7	8	9
9.	School Bell	01	Rs. 50.00	20	-	20	Rs. 1000.00	1000.00
10.	Musical Instrument							
	Dholak or Tabla	01	Rs. 100.00	20	-	20	Rs. 2000.00	2000.00
	Harmonium	01	Rs. 500.00	20	-	20	Rs. 10000.00	10000.00
	Manjira	02	Rs. 50.00	20	-	20	Rs. 1000.00	1000.00
11.	Contingency money with Teachers						Rs. 13000.00	13000.00
12.	Furniture for Students & Teachers							
1.	For Teachers							
	Table	01 per teacher	Rs. 700.00 600.00	40	-	(20) 40	Rs. 24000.00	14000.00
	Chair	01 -do-	Rs. 300.00	40	-	40	Rs. 12000.00	
2.	For Students							
	Desks	01 per student	Rs. 350.00	600	-	600	Rs. 216000.00	7500.00
	Chairs	01 -do-	Rs. 240.00	600	-	600	Rs. 114000.00	
3.	Alms	01	Rs. 1200.00	20	-	20	Rs. 24000.00	
4.	Boxes	02	Rs. 300.00	20	-	20	Rs. 6000.00	6000.00
							Rs. 396000.00	27500.00

1	2	3	4	5	6	7	8	9
13. Black Board		01 per school	Rs. 400.00	20	-	20	Rs. 8000.00	8000.00
13. Pin-up Board		02 per school	Rs. 50.00	20	-	20	Rs. 1000.00	1000.00
14. Chalk & Duster		-	Rs. 30.00	20	-	20	Rs. 600.00	600.00
15. Water Facility (Pitchers)Glasses & Ladle		-	Rs. 100.00	20	-	20	Rs. 2000.00	2000.00
16. Trash Can		10	Rs. 50.00	20	-	20	Rs. 1000.00	1000.00
							Rs. 12600.00	12600.00
GRAND TOTAL							Rs. 521,600.00	1,49,600.00

NUMBER OF LOWER PRIMARY AND PRIMARY SCHOOLS IN SIKKIM

Sl.No.	District	G O V E R N M E N T			L O C A L B O D I E S			P R I V A T E A I D E D			T O T A L		
		L P S	P S	Total	L P S	L P	Total	L P S	P S	Total	L P S	P S	Total
1.	North District	27	24	51	-	-	-	14	-	14	38	24	62
2.	South District	56	70	126	-	-	-	3	-	3	59	70	129
3.	East District	66	85	151	-	-	-	6	-	6	72	85	157
4.	West District	92	67	159	-	-	-	2	-	2	94	67	161
	T O T A L	241	246	487	-	-	-	22	-	22	263	246	509

ABSTRACT STATEMENT SHOWING NUMBER OF MEN AND WOMEN TEACHERS IN PRIMARY SCHOOLS COVERED UNDER THE

OPERATION BLACKBOARD PROJECT

Sl.No.	Name of District	Type of schools	No. of schools	Number of total teachers	Number of Teachers		% age of women teachers	No. of Schools having			Total No. of schools.
					Men	Women		One Woman Teachers	Two Women Teachers	more than two Women Teachers	
1	2	3	4	5	6	7	8	9	10	11	12
1.	Mangan (North)	L.P.S.	27	82	42	40	49	5	12	10	27
		U.P.S.	24	115	84	31	27	8	5	11	24
T O T A L			51	197	126	71	36	13	17	21	51
2.	Nanchi (South)	L.P.S.	56	134	102	32	24	34	14	8	56
		U.P.S.	70	355	256	99	28	16	26	28	70
T O T A L			126	489	358	131	28	50	40	36	126
3.	Gangtok (East)	L.P.S.	68	192	124	68	34	31	22	15	68
		U.P.S.	85	540	349	191	35	11	29	45	85
T O T A L			153	732	473	259	35	42	51	60	153
4.	Gyalshing (West)	L.P.S.	92	195	156	39	20	64	18	10	92
		U.P.S.	67	337	264	73	22	20	28	19	67
T O T A L			159	532	420	112	21	84	46	29	159
T O T A L			489	1950	1377	573	29	189	154	146	489
		L.P.S.	20	20	20	-	-	20			20
G R A N D T O T A L			509	1970	1397	573	29	209	154	146	509

C L A S S	NORTH DISTRICT			SOUTH DISTRICT			EAST DISTRICT			WEST DISTRICT			T O T A L		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
LPS	197	155	352	473	376	849	624	476	1100	715	542	1257	2009	1549	3558
I PS	165	165	330	638	498	1186	2498	2079	4577	738	570	1308	4089	3312	7401
T O T A L	362	320	682	1161	874	2035	3122	2555	5677	1453	1112	2565	6098	4861	10959
LPS	80	68	148	235	188	423	344	283	627	452	384	836	1111	923	2034
II PS	122	80	202	603	534	1137	1676	1386	3062	609	437	1046	3010	2437	5447
T O T A L	202	148	350	838	722	1560	2020	1669	3689	1061	821	1882	4121	3360	7481
LPS	52	49	101	167	138	305	283	236	519	337	266	603	839	689	1528
III PS	36	40	126	506	416	922	815	692	1507	592	357	949	1990	1505	3504
T O T A L	138	89	227	673	554	1227	1098	928	2026	929	623	1552	2838	2194	5032
LPS	6	4	10	42	21	63	28	42	70	26	27	53	102	94	196
IV PS	43	48	96	399	319	718	604	520	1124	405	338	743	1456	1225	2681
T O T A L	54	52	106	441	340	781	632	562	1194	431	365	796	1558	1319	2877
LPS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V PS	28	27	55	339	274	613	550	448	998	465	306	771	1382	1055	2437
T O T A L	28	27	55	339	274	613	550	448	998	465	306	771	1382	1055	2437
TOTAL LPS	335	276	611	917	723	1640	1279	1037	2316	1530	1219	2749	4061	3255	7316
TOTAL PS	449	360	809	2535	2041	4576	6143	5125	11268	2809	2008	4817	11936	9534	21470
PREPRIMARY	284	257	541	950	718	1668	1760	1610	3370	1368	1198	2566	4362	3783	8145
GRAND TOTAL	1068	893	1961	4402	3482	7884	9182	7772	16954	5707	4425	10132	20359	16572	36931

DISTRICTWISE, MALE AND FEMALE STUDENTS IN LOWER PRIMARY & PRIMARY SCHOOLS.

SCHOOLS	NORTH DISTRICT			SOUTH DISTRICT			EAST DISTRICT			WEST DISTRICT			T O T A L		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
LPS	-	3	3	25	19	44	37	27	64	28	26	54	90	75	165
I PS	2	5	7	37	30	67	221	173	394	30	22	52	290	230	520
T O T A L	2	8	10	62	49	111	258	200	458	58	48	106	380	305	685
LPS	-	1	1	12	4	16	12	7	19	14	10	24	38	22	60
II PS	-	1	1	37	35	72	131	124	255	31	13	44	199	173	372
T O T A L	-	2	2	49	39	88	143	131	274	45	23	68	237	195	432
LPS	-	-	-	4	5	9	6	11	17	18	6	24	28	22	50
III PS	1	-	1	31	10	41	68	61	129	25	15	40	125	86	211
T O T A L	1	-	1	35	15	50	74	72	146	43	21	64	153	108	261
LPS	-	-	-	2	1	3	1	2	-3	-1	-	-1	-4	-3	-7
IV PS	-	-	-	15	16	31	54	28	82	12	9	21	81	53	134
T O T A L	-	-	-	17	17	34	55	30	85	13	9	22	85	56	141
LPS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V PS	-	-	-	15	12	27	32	21	53	16	11	27	63	44	107
T O T A L	-	-	-	15	12	27	32	21	53	16	11	27	63	44	107
LPS	-	4	4	43	29	72	56	47	103	61	42	103	160	122	282
TOTAL PS	3	6	9	135	103	238	506	407	913	114	70	184	758	586	1344
GRAND TOTAL	3	10	13	178	132	310	362	454	1016	175	112	287	918	708	1626
PRE-PRIMARY	6	8	14	47	42	89	112	89	201	76	80	156	241	219	460
GRAND TOTAL	9	18	27	225	174	399	674	543	1217	251	192	443	1159	927	2086



DISTRICTWISE NUMBER OF SCHEDULED TRIBES STUDENTS IN LOWER PRIMARY AND PRIMARY SCHOOLS.

CLASS	Category of Schools	North District			South District			East District			West District			T O T A L		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
I	LPS	133	107	240	60	40	100	120	96	216	134	95	229	447	338	785
	PS	126	120	246	95	71	166	487	389	876	107	95	202	815	675	1490
T O T A L		259	227	486	155	111	266	607	485	1092	241	190	431	1262	1013	2275
II	LPS	51	48	99	25	32	57	73	72	145	86	80	166	235	232	467
	PS	84	65	149	75	72	147	321	264	585	98	73	171	578	474	1052
T O T A L		135	113	248	100	104	204	394	336	730	184	153	337	813	706	1519
III	LPS	45	33	78	20	17	37	55	40	101	54	40	94	174	136	310
	PS	74	32	106	87	56	143	120	106	226	97	54	151	373	243	626
T O T A L		119	65	184	107	73	180	175	152	327	151	94	245	552	384	936
IV	LPS	3	3	6	-	-	-	7	6	13	4	3	7	14	12	26
	PS	39	41	80	53	45	98	92	80	172	56	58	114	240	224	464
T O T A L		42	44	86	53	45	98	99	86	185	60	61	121	254	236	490
V	LPS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PS	24	22	46	53	46	99	65	72	137	66	44	110	208	184	392
T O T A L		24	22	46	53	46	99	65	72	137	66	44	110	208	184	392
T O T A L LPS		232	201	423	105	89	194	255	220	475	278	218	496	870	718	1588
T O T A L PS		347	280	627	363	290	653	1085	911	1996	424	324	748	2219	1805	4024
T O T A L		579	471	1050	468	379	847	1340	1131	2471	702	542	1244	3089	2523	5612
PRE-PRIMARY		119	117	236	111	100	211	297	257	554	271	213	484	793	687	1485
GRAND TOTAL		698	588	1286	579	479	1058	1637	1388	3025	973	755	1228	3887	3110	7097

DISTRICT : NORTH (MANGAN)LIST OF LOWER PRIMARY SCHOOL SHOWING AVAILABILITY OF CLASSROOMS

Sl. No.	Name of Schools	Total No. of Rooms	No. of Pucca Rooms	No. of Other Rooms
1.	Bay Lower Primary School	3	2	1
2.	Bop Lower Primary School	2	2	-
3.	Chadaygolai LPS (Rang Rang)	2	2	-
4.	Chatan Lachen LPS	2	2	-
5.	Dongkong Lower Primary School (STS)	1	--	1
6.	Forth Mile (Upper Dzongu)	2	2	-
7.	Kaley Lower Primary School	2	2	-
8.	Lingchom Lower Primary School	2	2	-
9.	Linkoo Lower Primary School	3	3	-
10.	Lingkyong LPS (STS)	1	-	1
11.	Longbu Lower Primary School	2	2	-
12.	Maling Lower Primary School	3	3	-
13.	Muguthang Lower Primary School	2	2	-
14.	Pakshap Lower Primary School	3	2	1
15.	Panang Lower Primary School	3	2	1
16.	Pegong Lower Primary School	2	2	-
17.	Ralak Lower Primary School	2	2	-
18.	Ringdam Lower Primary School	2	2	-
19.	Ringhem Lower Primary School (STS)	1	-	1
20.	Sankalang Lower Primary School	2	2	-
21.	Tanak Lower Primary School	2	2	-
22.	Tareng Lower Primary School	2	2	-
23.	Tingchim Lower Primary School	3	2	1
24.	Theng Lower Primary School	3	2	1
25.	Thibuk (Mangasila)	2	2	-
26.	Tsoteng Lower Primary School	4	4	-
27.	Upper Mangshila LPS	2	2	-
<b>28.</b>		<b>60</b>	<b>52</b>	<b>8</b>

DISTRICT : NORTH (MANGAN)LIST OF PRIMARY SCHOOLS SHOWING AVAILABILITY OF CLASS-ROOMS

Sl. No.	Name of Schools	Total Number of Rooms	No. of Pucca Rooms	No. of other Rooms
1.	Burfok Primary School	3	3	-
2.	Chawang Primary School	4	2	2
3.	Gaikhana Primary School	4	2	2
4.	Ghon Primary School	2	2	-
5.	Laven Primary School	4	4	-
6.	Leek Primary School	4	4	-
7.	Lingdem Primary School	5	3	2
8.	Lingzyah Primary School	6	6	-
9.	Lum Primary School	4	4	-
10.	Men-Rongong Primary School	6	4	2
11.	Naga Primary School	7	7	-
12.	Namok Primary School	7	7	-
13.	Nampatam Primary School	2	2	-
14.	Naddey Primary School	2	2	-
15.	Pentong Primary School	2	2	-
16.	Raman Primary School	2	2	-
17.	Ramthang Primary School	4	2	2
18.	Rangdam Primary School	2	2	-
19.	Sakyong Primary School	2	2	-
20.	Salim Pakyol Primary School	5	4	1
21.	Sangtok Primary School	5	5	-
22.	Sarchu Primary School	4	4	-
23.	Shipgyer Primary School	6	6	-
24.	Tumlong Primary School	5	5	-
		97	86	11

DISTRICT : NAMCHI (SOUTH)

## LIST OF LOWER PRIMARY SCHOOLS SHOWING AVAILABILITY OF CLASS ROOMS

Sl. No.	Name of Schools	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
1.	Anithang LPS	2	2	-
2.	Alleydara (Maniram)	2	2	-
3.	Ben-Namphok LPS	2	2	-
4.	Ben-Kabey LPS	2	2	-
5.	Boomtar LPS	4	2	2
6.	Borong Suntaley LPS	2	2	-
7.	Bull PS	2	2	-
8.	Bhalukhop LPS	2	2	-
9.	Bhanjyang LPS	4	4	-
10.	Borong Dhargaon LPS	2	2	-
11.	Chamgaon LPS	2	2	-
12.	Chitray (Borong) LPS	3	2	1
13.	Chidara (Tingrithang)	1	-	2
14.	Chumlok LPS	4	2	2
15.	Darakharka LPS	5	2	3
16.	Dong (Tinglay) LPS	3	3	-
17.	Darap (Gurung Gaon)	2	2	-
18.	Harrabotey LPS (87) STS	1	-	1
19.	Kubindey (Mellidara)	2	2	-
20.	Kamargaon LPS	2	2	-
21.	Khairbotey LPS	4	4	-
22.	Kichu Domra LPS (87) STS	1	-	1
23.	Lamaten LPS	4	2	2
24.	Lingzo LPS	4	2	2
25.	Lower Borong LPS	2	2	-
26.	Lingding Ralong LPS	4	2	2
27.	Makarjung LPS	3	3	-
28.	Mangbrue LPS	3	2	1
29.	Mangar Dalam LPS	2	2	-
30.	Mangzing LPS	2	2	-
31.	Manchok LPS	2	2	-
32.	Mungrang LPS (87) STS	2	-	2
33.	Mizrameng LPS	2	2	-
34.	Pakzer LPS	4	2	2
35.	Paksam LPS	3	2	1
36.	Pepthang LPS	2	2	-
		94	70	24

SOUTH DISTRICT

- : 2 : -

Sl. No.	Name of Schools	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
37.	Pakchey LPS (87) STS	1	-	1
38.	Padamdara LPS STS	1	-	1
39.	Rabikhola LPS	3	2	1
40.	Ramabung LPS	3	3	-
41.	Rhenock Chuman LPS (87) STS	3	-	3
42.	Subhnikhore LPS	2	2	-
43.	Tanak LPS	2	2	-
44.	Singtam-Pallam LPS	3	2	1
45.	Tarneem LPS	4	2	2
46.	Timburay LPS	3	2	1
47.	Upper Borong LPS	2	2	-
48.	Upper Jaubari LPS	2	2	-
49.	Upper Lingmoo LPS	4	2	2
50.	Upper Niya LPS	2	2	-
51.	Upper Rangong LPS	2	2	-
52.	Perbing Khop LPS	3	2	1
53.	Lower Chalamthang STS	1	-	1
54.	Lower Nandugaon STS	1	-	1
55.	Tanzeer LPS STS	1	-	1
56.	Upper Rayong LPS STS	1	-	1
		138	97	41

DISTRICT : NAMCHI (SOUTH)

## LIST OF PRIMARY SCHOOLS SHOWING AVAILABILITY OF CLASS ROOMS

Sl. No.	Name of Schools	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
1.	Bakhim P.S.	6	6	-
2.	Badamtam PS	6	2	4
3.	Ben Peku PS	5	5	-
4.	Barfung PS	5	3	2
5.	Burul PS	5	4	1
6.	Baisalgaon PS	6	6	-
7.	Challamthang PS	5	4	1
8.	Chamchey PS	6	4	2
9.	Chubba PS	8	6	2
10.	Dalep (Bermiok)	2	2	-
11.	Dalep (Kewzing)	5	5	-
12.	Denchung PS	4	2	2
13.	Donok PS	5	4	1
14.	Dojak PS	6	4	2
15.	Dung Ambotey PS	4	2	2
16.	Dhargaon PS	2	2	-
17.	Goam PS	6	4	2
18.	Gangchung PS	5	4	1
19.	Guptigaon PS	6	4	2
20.	Jaubari PS	6	6	-
21.	Karjee PS	6	4	2
22.	Kaw PS	4	4	-
23.	Kaijaley Karek PS	5	2	3
24.	Kewzing Tea Garden	4	4	-
25.	Kamarey (Lower) PS	5	4	1
26.	Kopchey PS	5	3	2
27.	Kartikey PS	4	4	-
28.	Lower Jarrong PS	5	4	1
29.	Lower Tarku PS	6	4	2
30.	Lower Perbing PS	4	4	-
31.	Lungchok PS	6	3	3
32.	Lingyong PS	6	4	2
33.	Majitar PS	6	4	2
34.	Mamring PS	5	2	3
35.	Manzing PS	6	4	2
		180	133	47

Sl. No.	Name of Schools	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
36.	Mangley PS	6	6	-
37.	Maypong PS	5	2	3
38.	Melli Kerabari PS	3	3	-
39.	Nagi Palitham PS	5	2	3
40.	Namlung PS	6	2	4
41.	Namphing PS	6	4	2
42.	Omchu PS	5	2	3
43.	Pabong Daring PS	6	4	2
44.	Pamphok PS	6	3	3
45.	Passi PS	4	4	-
46.	Panchagharey PS	5	4	1
47.	Pathing PS	4	4	-
48.	Purano-Namchi PS	5	5	-
49.	Phalidara PS	2	2	-
50.	Rankey PS	4	4	-
51.	Raiyong PS	5	5	-
52.	Rangong PS	4	2	2
53.	Rabitar PS	6	4	2
54.	Ralong Lungshing	3	2	1
55.	Ruchung PS	6	2	4
56.	Satam PS	4	4	-
57.	Salleybong PS	4	2	2
58.	Simkharka PS	4	2	2
59.	Singchuthang PS	2	2	-
60.	Sumeee PS	4	4	-
61.	Sripatam PS	5	2	3
62.	Tek PS	6	4	2
63.	Temi Tea Garden PS	5	5	-
64.	Tingir PS	2	2	-
65.	Tingmoo PS	6	4	2
66.	Tingrithang PS	5	3	2
67.	Tinik Chisopani PS	5	3	2
68.	Tokday PS	5	2	3
69.	Upper Yangang PS	2	2	-
70.	Nan gdong	4	2	2

33°

242

97

DISTRICT : GANGTOK (EAST)

LIST OF LOWER PRIMARY SCHOOLS SHOWING AVAILABILITY OF CLASSROOMS

Sl. No.	Name of Schools	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
1.	Agrigaon (Khamdong)LPS	4	4	-
2.	Aho Yangtam (Lossing) LPS	2	2	-
3.	Anjumin Islamic LPS	2	2	-
4.	Bowchen Lower Pry. School	2	2	-
5.	Beng (Martam) LPS	2	2	-
6.	Burung (Martam) LPS	2	2	-
7.	Bhirkuna (Khamdong)LPS STS	2	-	2
8.	Chandaney (Righu) LPS	4	4	-
9.	Choltang (Rabdag)LPS	2	2	-
10.	Chinzey Lower Pry. School	3	2	1
11.	Chuba (Martam) LPS	4	4	-
12.	Chuja Martam LPS	4	4	-
13.	Damlakha LPS	6	4	2
14.	Daragaon (Middle Aritar)	2	2	-
15.	Daragaon (Assamlingzey)	2	2	-
16.	Daring Lingzey LPS	2	2	-
17.	Dokching LPS (Righu)	2	2	-
18.	Dongrang (Manpur) LPS	4	4	-
19.	Deoling L.P.S.	2	2	-
20.	Dhupidara (Khamdong) STS	2	-	2
21.	Kaiyong LPS	2	2	-
22.	Katarbotey LPS	2	2	-
23.	Karma Dharma Chakra	4	4	-
24.	Khanigaon LPS	2	2	-
25.	Eatuk LPS	4	2	2
26.	Lingdong LPS	2	2	-
27.	Lokdara LPS	3	3	-
28.	Lower Bering LPS	4	2	2
29.	Lower Bhusuk LPS (Merung)	3	3	-
30.	Lower Kambal LPS	2	2	-
31.	Lungthing Dhupidara	2	2	-
32.	Lower Luing LPS	2	2	-
33.	Lower Burtuk LPS	2	2	-
34.	Macneylakha LPS	2	2	-
35.	Nulukey LPS	2	2	-
		93	82	11



	93	82	11
6. Nigurey Telpani	2	2	-
7. Martam Lingtam STS	1	-	1
8. Nazitam LPS	2	2	-
9. Nahru LPS	4	4	-
10. Okharbotey LPS STS	2	-	2
11. Prasantividyalaya	5	5	-
12. Premlakha LPS	3	3	-
13. Raksay Kadangthang	2	2	-
14. Ruutek Kaiyathang	5	2	3
15. Ranka Raigeon LPS	2	2	-
16. Rengduhg LPS	2	2	-
17. Sajong Timpem LPS	2	2	-
18. Samsing Suntaley	2	2	-
19. Sangkhola LPS	2	2	-
20. Subithang LPS	3	2	1
21. Sisney LPS	2	2	-
22. Sokpay Rakdong LPS	2	2	-
23. Sotak (Navey) LPS	2	2	-
24. Sauraney LPS	2	2	-
25. Sumin Mangthang LPS	2	2	-
26. Santher LPS	4	4	-
27. Samsing LPS STS	1	-	1
28. Taksang Kaizaley LPS	2	2	-
29. Thekabong LPS	4	4	-
30. Thungsung LPS	4	2	2
31. Tintek Chuba LPS	3	2	1
32. Tirkutam LPS	3	3	-
33. Tumin Dhanbari LPS	2	2	-
34. Teenkharga LPS STS	1	-	1
35. Upper Lingzhey LPS	2	2	-
36. Yon Lower P. School	2	2	-
37. Zingle LPS	2	2	-
38. Zuluk LPS	2	2	-
	174	151	23

DISTRICT : GANGTOK (EAST)

## LIST OF PRIMARY SCHOOLS SHOWING AVAILABILITY OF CLASS ROOMS

Sl. No.	Name of Schools	Total No. of Class-Rooms	No. of Puccas Rooms	No. of other Rooms
1.	Adampul Primary School	6	6	-
2.	Agamlok Primary School	2	2	-
3.	Ashopul Kisan PS	6	6	-
4.	Amba Primary School	6	4	2
5.	Angkochen PS	6	6	-
6.	Arithang PS	8	8	-
7.	Basilakha PS	5	2	3
8.	Benthangsing PS	4	4	-
9.	Bhasmey PS	4	4	-
10.	Bhusik Primary School	6	4	2
11.	Biring Primary School	6	6	-
12.	Bhojoghari PS	8	8	-
13.	Bordang PS	3	2	1
14.	Budang Primary School	4	2	2
15.	Changelakha PS	6	4	2
16.	Chewribotey PS	3	2	1
17.	Chujachen Lungchok PS	5	5	-
18.	Dugethang PS	4	2	2
19.	Dochum PS	5	3	2
20.	Dodachen PS	4	4	-
21.	Dugalakha PS	4	4	-
22.	Gangchung PS	4	3	1
23.	Gnathang PS	6	6	-
24.	Kadamtam PS	6	6	-
25.	Kambel PS	5	4	1
26.	Kameray PS	5	3	2
27.	Kartok PS	6	4	2
28.	Katuk PS	5	3	2
29.	Kumrek PS	6	4	2
30.	Kupup PS	6	4	2
31.	Kuputhang PS	5	3	2
32.	Lamaten PS	4	4	-
33.	Lossing Primary School	5	4	1
34.	Majitar PS	7	7	-
35.	Lower Dalapchen PS	5	4	1
		181	147	33

- : 2 : -

G. NGTOK : EAST PS CONTD.

	180	147	33	
36.	Marchak Chutan PS	6	4	2
37.	Martam Yangthang PS	6	6	-
38.	Mintokgang PS	5	5	-
39.	Namong Arithang PS	4	2	2
40.	Namphong PS	3	2	1
41.	Namrang PS	5	3	2
42.	Nandok PS	4	4	-
43.	Navey PS	4	3	1
44.	Pachak PS	5	5	-
45.	Pachha-Saraswati PS	8	6	2
46.	Pachey PS	4	2	2
47.	Pangthang PS	6	6	-
48.	Pasting PS	6	4	2
49.	Perbing PS	6	4	2
50.	Phalaichadara PS	6	4	2
51.	Pheri PS	4	2	2
52.	Raigaon PS	6	6	-
53.	Ralep PS	3	2	1
54.	Rangpo Bazar PS	14	14	-
55.	Reshi PS	4	4	-
56.	Rhenock Bazar PS	8	8	-
57.	Rikyap PS	2	2	-
58.	Rongnek PS (4th Mile)	2	2	-
59.	Rolep PS	6	4	2
60.	Rorathang PS	5	5	-
61.	Sajong PS	6	6	-
62.	Sakhukhani PS	5	5	-
63.	Sakyong PS	4	4	-
64.	Sakyong Namgeything	4	4	-
65.	Salghari PS	4	4	-
66.	Samdur PS	4	4	-
67.	Samlik Marchak PS	6	6	-
68.	Sawney PS	3	2	1
69.	Singlebong PS	4	3	1
70.	Sisney Subhanedara PS	4	4	-
71.	Singbel PS	5	3	2
72.	Sumin Primary School	5	4	1
73.	Taksong PS	2	2	-
74.	Thamidara PS	5	5	-
75.	Thegu PS	6	6	-
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	379	318	61	
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- : 3 : -

GANGTOK : EAST PS CONTD.

	379	318	61
76. Tintek Marchak PS	4	4	-
77. Tintek Saraswati PS	4	4	-
78. Tokchi PS	2	2	-
79. Tsalamthang PS	5	3	2
80. Tumin PS	8	6	2
81. Tumlabong PS	6	6	-
82. Upper Dalapchen PS	5	5	-
83. Upper Khamdong PS	6	6	-
84. Upper Syari PS	6	6	-
85. Zitlang PS	6	6	-
	431	366	65

DISTRICT : GY LSHING (WEST)

## LIST OF LOWER PRIMARY SCHOOL SHOWING AVAILABILITY OF CLASS ROOMS

Sl. No.	Name of School	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
1.	Agri Naya Busty LPS	4	2	2
2.	Ambotey LPS	4	4	-
3.	Arithang LPS	2	2	-
4.	Arithang (Nasha)LPS	2	2	-
5.	Arubotey LPS	2	2	-
6.	Bara Khyaledara LPS	2	2	-
7.	Bara Samsing LPS	2	2	-
8.	Bhalukhop LPS	3	2	1
9.	Bhanjyang LPS	2	2	-
10.	Boom Reshi LPS	3	3	-
11.	Boom (Melliaching)LPS	2	2	-
12.	Bullung LPS	2	2	-
13.	Burul Singtem LPS	2	2	-
14.	Chambong (Arithang)LPS	3	2	1
15.	Changey LPS	2	2	-
16.	Chingthang LPS	3	2	1
17.	Chiuribotey LPS	3	2	1
18.	Chojak LPS	2	2	-
19.	Chongri LPS	2	2	-
20.	Darapthang LPS	4	2	2
21.	Dentamatar LPS	3	3	-
22.	Jhenkridunga LPS	2	2	-
23.	Kabirthang LPS	3	3	-
24.	Khoreng LPS	4	4	-
25.	Khutidara LPS	5	2	3
26.	Labing LPS	4	4	-
27.	Ledung LPS	2	2	-
28.	Lethang LPS	2	2	-
29.	Lower Hathidunga LPS	2	2	-
30.	Lower Rumbuk LPS	4	2	2
31.	Lower Timberbong LPS	2	2	-
32.	Lungjuk LPS	3	3	-
33.	Lungyam LPS	2	2	-
34.	Mandher LPS	3	3	-
35.	Mangsabung LPS	2	2	-
36.	Meyong LPS	3	3	-
		97	84	13

- : : - GYALSHPING (NEPT) LPS CONFD.

		97	84	13
37.	Middle Bhaluthang LPS	3	2	1
38.	Middle Chongrong LPS	3	2	1
39.	Middle Geerethang LPS	2	2	-
40.	Major Barfok LPS	4	4	-
41.	Naku Tadong LPS	3	3	-
42.	Nambu Mangethang LPS	3	2	1
43.	Nasha LPS	2	2	-
44.	Neordhang LPS	3	2	1
45.	Nijgaon LPS	4	2	2
46.	Okharbotey LPS	6	6	-
47.	Omchung LPS	3	3	-
48.	Perenggaon LPS	2	2	-
49.	Pewthang LPS	2	2	-
50.	Phunchebung LPS	4	4	-
51.	Puretar LPS	3	3	-
52.	Radhu LPS	4	2	2
53.	Ramgeythang LPS	2	2	-
54.	Rammitey LPS	3	3	-
55.	Rangit LPS	2	2	-
56.	Rungdu LPS	4	4	-
57.	Sadhugaon LPS	3	3	-
58.	Salleygaon LPS	2	2	-
59.	Sombusty LPS	2	2	-
60.	Sapung LPS	2	2	-
61.	Siktam LPS	3	2	1
62.	Simchen LPS	4	2	2
63.	Simkuna LPS	3	3	-
64.	Simphok LPS	3	2	1
65.	Singlitam LPS	2	2	-
66.	Sipsu LPS	3	3	-
67.	Tafal LPS	3	2	1
68.	Tamabung LPS	3	3	-
69.	Tathang LPS	2	2	-
70.	Thambong LPS	2	2	-
71.	Thongchung LPS	3	2	1
72.	Thongling LPS	3	3	-
73.	Tikjek LPS	2	2	-
74.	Tikjum LPS	3	3	-
75.	Timbrang LPS	2	2	-
76.	Tingting Gaon LPS	2	2	-
77.	Topung LPS	2	2	-

- : 3 : - GY-LEHING (W. D.) LPS CAME.

	213	186	27
8. Maneybong Simboley LPS STS	1	-	1
9. Middle Sangdorjee LPS STS	1	-	1
0. Muzawa-Khanwirbong LPS STS	2	-	2
1. Suntedey Khanisarbong LPS STS	1	<del>1</del>	<del>1</del>
2. Sangkhola-Singrabong LPS STS	1	-	1
3. Upper Ehaluthang LPS	2	2	-
4. Upper Byengdong LPS	2	2	-
5. Upper Khyanbari LPS	3	3	-
6. Upper Rumbum LPS	2	2	-
7. Yangtey LPS	2	2	-
8. Dhenkutteydara LPS	3	2	1
9. Sisney (Zoom) LPS	4	3	1
0. Jawbari LPS	4	3	1
1. UpperKamling LPS STS	1	-	1
2. Nangaon LPS	3	2	1
	245	207	38

DISTRICT : GY. LSHING (WEST)LIST OF PRIMARY SCHOOLS SHOWING AVAILABILITY OF CLASS ROOMS

No.	Name of Schools	Total No. of Class-Rooms	No. of Pucca Rooms	No. of Other Rooms
	Anden PS	4	4	-
	Bajek PS	6	6	-
	Begha P.S	6	6	-
	Beyong PS	6	6	-
	Bhareng PS	2	2	-
	Birdang PS	4	4	-
	Bongten PS	5	5	-
	Budang PS	5	5	-
	Chongrong PS	5	5	-
	Chongzong PS	4	4	-
	Chota Samdong PS	5	4	1
	Dhupidara PS	3	3	-
	Gitang PS	3	3	-
	Hathidunga PS	5	5	-
	Hee-Majgaon PS	5	3	2
	Hee-Patal PS	5	5	-
	Hee-Sapung PS	6	6	-
	Hoorgaon PS	3	3	-
	Jambudara PS	5	5	-
	Jhusithang PS	6	6	-
	Kerzi PS	5	5	-
	Kongri PS	4	3	1
	Karthok PS	5	5	-
	Lamathang PS	2	2	-
	Langang PS	6	6	-
	Legship P.S	5	3	2
	Lower Bhaluthang PS	3	2	1
	Lower Karthok PS	5	4	1
	Lower Okherey PS	5	5	-
	Lower Tadong PS	5	5	-
	Labdang PS	5	5	-
	Mabong PS	5	3	2
	Malbasey Budang PS	6	4	2
	Mangsari PS	5	3	2
	Manganam PS	2	2	-
		161	147	14



- : 2 : -

GYALSHING (WEST) P. O. NO.

	161	17	14
6. Middle Gyalshing PS	4	4	-
7. Miling PS	5	3	2
8. Minoggaon PS	3	3	-
9. Moonegaon PS	5	5	-
10. Nambu PS	6	4	2
11. Naya Bazar PS	6	3	3
12. Pipalay PS	9	7	2
13. Reshi PS	6	6	-
14. Rimbick PS	5	3	2
15. Rinchenpong PS	5	5	-
16. Rumbuk PS	3	3	-
17. Rupsang PS	5	5	-
18. Sallengdang PS	2	2	-
19. Sanku PS	2	2	-
20. Saprey Nagi PS	6	6	-
21. Sardong PS	5	3	2
22. Segeng PS	4	4	-
23. Singphang PS	7	4	3
24. Singling PS	4	4	-
25. Singyang PS	3	3	-
26. Sopakha PS	5	5	-
27. Swaligaon PS	5	4	1
28. Tamatam PS	3	3	-
29. Tarebhir PS	2	2	-
30. Tikpur PS	5	5	-
31. Tinzing PS	3	3	-
32. Toyong PS	3	2	1
33. Tsong PS	6	6	-
34. Upper Martam PS	4	4	-
35. Zeel Primary School	6	6	-
36. Malbasey PS	4	4	-
37. Daragaon (Bermick) PS	2	2	-
	304	272	32

LIST OF GOVERNMENT AIDED LOWER PRIMARY (CLASS III) SCHOOLS WITH  
DETAILS OF AVAILABILITY OF CLASS ROOMS.

Sl.No.	Name of Schools	Total No. of Rooms	No. of Fucca Rooms	No. of Other Rooms.
1	2	3	4	5
<u>NORTH DISTRICT</u>				
1.	Phodong L.P. School	2	2	-
2.	Phensan L.P. School	2	2	-
3.	Labrang L.P. School	2	2	-
4.	Singchet L.P. School	2	2	-
5.	Hee-Gyatnang L.P. School	2	2	-
6.	Lingthem L.P. School	2	2	-
7.	Shep Gyer L.P. School	2	2	-
8.	Changthang L.P. School	2	2	-
9.	Lachen L.P. School	2	2	-
10.	Lachung L.P. School	2	2	-
11.	Lingdem L.P. School	2	2	-
<u>SOUTH DISTRICT</u>				
1.	Ralong L.P. School	2	2	-
2.	Boontar L.P. School	2	2	-
3.	Lingee L.P. School	2	2	-
<u>EAST DISTRICT</u>				
1.	Enchey L.P. School	2	2	-
2.	Semick L.P. School	2	2	-
3.	Renock L.P. School	2	2	-
4.	Rumtek L.P. School	2	2	-
<u>WEST DISTRICT</u>				
1.	Pemayangche L.P. School	2	2	-
2.	Tashiding L.P. School	2	2	-
T O T A L		40	40	-

ESSENTIAL FACILITIES AT THE PRIMARY STAGE

I.	<u>Teachers' equipment</u>	<u>Numbers</u>	<u>Amount in Rs.</u>
	(i) Syllabus	01 set	05
	(ii) Textbooks	One primary set	25
	(iii) Teachers' Guides	Do	15
II.	<u>Classroom teaching materials</u>		
	(i) Maps - District ) State ) Country ) World )	One each	175
	(ii) Plastic Globe	01	100
	(iii) Educational Charts(Health, Social Studies, language)	One set	90
III.	<u>Play materials and toys</u>		
	(i) Wisdom blocks(construction of different designs, patterns, objects ect.)	3 sets	120
	(ii) Bird and Animal Puzzle (Jigsaw puzzle)	3 sets	60
	(iii) Toys (Dolls, Human fig- ures, Animals, Science toys)	2 sets	300
IV.	<u>Games equipment</u>		
	(i) Skipping Rope	10	60
	(ii) Balls - Football	02	70
	Volleyball	02	70
	Rubber Balls	10	50
	(iii) Air pump	01	35
	(iv) Ring	05	50
	(v) Swing rope with tyre	01	35
V.	Primary Science Kit (of NCERT)	01	400
VI.	Mini Tool Kit (of NCERT)	01	300
VII.	Mathematics Kit	01	300

Contd....

VIII. Books for Library

(i)	Reference Books - Dictionaries	02	100
	Encyclopaedia	01	100
(ii)	Children's Books(at least 200) (NET, Children's Book Trust, Nehru Dal Pustakalaya & other)		1600
(iii)	Magazine, journals and news papers for teachers and children (one newspaper, one magazine and one professional journal)		450
IX.	School Ball	01	50
X.	Musical Instruments		
	Dholak or Tabla	01	100
	Harmonium	01	500
	Manjira	02	50
XI.	Contingency money with teacher		Recurring
(i)	Mats and furniture for students and teachers (one chair & one table for one teacher + 2 large boxes)		
	For teachers	02 sets	700
	mats	-	375
	boxes	02	300
XII.	Black Board	02	400
	Pin-up board(canvas)	02	50
XIII.	Chalk & duster		30
XIV.	Water facility(pitchers, glasses & ladle)		100
XV.	Trash Can	10	50
			<u>7215</u>

ITEM NO. VII OF THE LISTPRIMARY MATHEMATICS KIT

<u>Items</u>	<u>Quantity</u>
1. Dominoes	<u>Two sets each containing 55 pieces.</u>
2. Spike-Abacus	<u>One set of four Abacuses with four, five, six and seven spikes.</u>
3. Napier Strips	<u>Two sets each containing 10 strips.</u>
4. Solids	<u>Two sets each containing five solids.</u>
5. Fraction-disc	<u>One set.</u>
6. Cubic-rods	<u>One set.</u>
7. Cuisenaire Strips	<u>Two sets.</u>

QUARTERLY STATEMENT FOR REPORTING PROGRESS  
IN OPERATION BLACKBOARD

ITEMI. SCHOOL BUILDINGS

(i) Unit	(ii) Requirement as per sanctioned Project reports	(iii) No. sanctioned for construc- tion.	(iv) No. where construc- tion has started.	(v) No. where constru- ction has completed.
-------------	---	---	--	---

Two rooms

One room

Toilets

II. APPOINTMENT OF SECOND TEACHERS.

- (i) Number of second teachers required according to sanctioned project reports.
- (ii) No. of posts sanctioned.
- (iii) No. of teachers posted
  - (a) male
  - (b) female

III. PROVISION OF ESSENTIAL FACILITIES.

- (1) No. of schools to be covered as per project reports.
- (ii) No. of schools to which supply of essential facilities have been completed.

IV. PROVISION OF FUNDS.

- (i) Unspent balance at the beginning of the year.
- (ii) Amount received from Government of India during the year.
- (iii) Amount spent during the year
  - (a) Upto the end of previous quarter.
  - (b) during the quarter for which report is being submitted.

Total Expenditure -----

SURVEY PROFORMA FOR OPERATION BLACK BOARD

This proforma is to be filled in triplicate by all the primary schools under all managements which are covered in the Fifth All India Educational Survey. Further all information should be furnished as on 30.9.1986.

I. GENERAL INFORMATION

A. Name of the School \_\_\_\_\_  
 Village/Town/City \_\_\_\_\_  
 Block \_\_\_\_\_ District \_\_\_\_\_ State \_\_\_\_\_

B. MANAGEMENT

(Put a tick ( ) against the item that is applicable to your school)

Government	( )
Local Body	( )
(Covers village Panchayat, Zilla Parishad, District Board, Cantonment Board, Municipality, Municipal Corporation and Similar agencies)	
Private Aided	( )
Private Unaided	( )

C. (i) Type of school (put a tick ( ) against that item which is applicable to your school)

(a) Boys	( )
(b) Girls	( )
(c) Co-educational	( )

(ii) (a) Does your school have Pre Primary classes also ? Yes ( ) No ( )

(b) Classes taught in your school) including pre-primary if any) classes from \_\_\_\_\_ to \_\_\_\_\_.

(iii) Total number of sections in all classes \_\_\_\_\_

(iv) Number of pucca rooms \_\_\_\_\_

(v) Give according to their condition, the number of pucca rooms in your school.

Good \_\_\_\_\_ Fair \_\_\_\_\_ Bad \_\_\_\_\_

## II. Specific Information on selected items :

In the table provided at page 3 furnish class-wise information as sought. Under A, you have to furnish the number available for each class against each item. For example if there are 3 rooms for class - I, then put 3 under class - I against rooms. Supposing there is 1 blackboard for class - II, then put 1 under class - II against blackboard and so on. But if a facility is used by more than one class, then mention that facility in only one of the classes.

Under B, in the same table you have to, furnish information regarding the number of children seated in each class, either on floor, or tat-patti or chairs/benches. Further you have to provide information regarding the area occupied by the children seated on the floor, ~~the~~ area of the tat-patti on which the children are seated for each of the classes. Supposing there are 100 children in class - I of whom 50 are seated on the floor occupying 100 sq. ft., 35 children sit on tat-patti with an area of 70 sq. ft. and the remaining 15 students are seated in 4 benches, then you have to write under class - I against 'on floor' 100 in the row mentioned sq. ft. and 50 against children. Similarly in case of tat-patti & benches, ~~chairs~~.

Under C, you have to provide information about the availability of Mat, bench and desk as sought.

...3/-

ITEMS									
	Pre-Primary	I	II	III	IV	V	VI	VII	VIII
A. Rooms									
Black Boards									
Chalk & Duster									
Chair for the Teachers									
Table for the Teachers									
Almirah									
Trash Can									
B. <u>Seating arrangement for children</u>									
(i) On Floor Area in Sq.ft									
No. of children									
(ii) Tat Patti Area in Sq.ft.									
No. of children									
(iii) Chairs/Benches									
C. <u>Availability per student</u>									
(i) Mat Sq.ft									
(ii) Bench one for 4 students									
(iii) Desk for Every Student									



- D. (i) Does your school have electricity ?  
(put tick ( ) against that which  
is applicable to your school) Yes ( ) No ( )
- (ii) Give in number about the following facilities.
- (a) Toilet(for both boys and girls combined) \_\_\_\_\_
- (b) Toilet(for boys only) \_\_\_\_\_
- (c) Toilet(for girls only) \_\_\_\_\_
- (iii) Playground \_\_\_\_\_ (Total area in acres)
- (iv) (a) Is there drinking water facility  
in your school ?(Tick that is  
applicable to your school) Yes ( ) No ( )
- (b) If yes, what is the source ?  
Tick which is applicable Well/handpump/  
to your school) mud pot/water  
cooler
- (c) If the drinking water is brought from outside  
put the tick which is applicable to your school.  
Neighbourhood/½ Km./1 Km./more than 1 Km.

E. PLAY MATERIALS :

Give numbers possessed against each one of them.

- (i) Footballs \_\_\_\_\_
- (ii) Volleyballs \_\_\_\_\_
- (iii) Rubber Balls \_\_\_\_\_
- (iv) Skipping Rope \_\_\_\_\_
- (v) Rings \_\_\_\_\_
- (vi) Swing rope \_\_\_\_\_
- (vii) Airpump \_\_\_\_\_
- (viii) Any other(specify) \_\_\_\_\_

F. Have the teachers been supplied the following materials ?

Sl. No.	Materials	No. of teachers provided with
(i)	Syllabus	
(ii)	Text Books	
(iii)	Teacher Guides	

: 5 :

G. Class room teaching aids :

Give the number against each of the items mentioned below, if available in your school. If any item is not available, please write not available, but do not leave it blank.

- |        |  |   |       |
|--------|--|---|-------|
| (i)    | District Maps  | : | _____ |
| (ii)   | State Maps   | : | _____ |
| (iii)  | Country Maps   | : | _____ |
| (iv)   | Globe Maps   | : | _____ |
| (v)    | Educational Charts   | : | _____ |
| (vi)   | Wisdom Blocks  | : | _____ |
| (vii)  | Balance and weights  | : | _____ |
| (viii) | Magnifying Glass   | : | _____ |
| (ix)   | Magnet   | : | _____ |
| (x)    | Measuring tape   | : | _____ |
| (xi)   | Cleanliness, nutrition,<br>language and number<br>charts.  | : | _____ |
| (xii)  | Primary Science Kit  | : | _____ |
| (xiii) | Mini tool kit (for this<br>separate list is given.<br>Please provide informa-<br>tion in that list). | : | _____ |
| (xiv)  | Two-in-one audio<br>equipment.   | : | _____ |
| (xv)   | Any other (Please<br>specify)  | : | _____ |

....6/-

H. For the following items, put a tick ( ) within the bracket according as it is available or not in your school. If it is available in your school, give the number.

	<u>Library</u>		<u>Number</u>
(i)	Reference Books	Yes ( ) No ( )	_____
(ii)	Dictionary	Yes ( ) No ( )	_____
(iii)	Encyclopaedia	Yes ( ) No ( )	_____
(iv)	Children's Book	Yes ( ) No ( )	_____
(v)	(a) Does the school subscribe to Newspaper ?	Yes ( ) No ( )	_____

(b) If yes, give the following information :

<u>Category</u>	<u>Title of the Paper</u>	<u>Number</u>
For Teachers	_____	_____
For students	_____	_____

(vi)	(a) Does the School subscribe to Magazines ?	Yes ( ) No ( )	_____
------	--	----------------	-------

(b) If yes, give the following information :

<u>Category</u>	<u>Title of the Magazine</u>	<u>Number</u>
For Teachers	_____	_____
For Students	_____	_____

(vii)	(a) Does the school subscribe to journals ?	Yes ( ) No ( )	_____
-------	---	----------------	-------

(b) If yes, furnish the following information.

<u>Category</u>	<u>Title of the Journal</u>	<u>Number</u>
For Teachers	_____	_____
For Students	_____	_____

I. Does the school have bell ? Yes ( ) No ( ) \_\_\_\_\_

If yes, give the number of bells  
possessed by the school \_\_\_\_\_

J. Furnish information about the following musical instruments in your school. In case they are available in your school, give the number of such available instruments. If the school does not have the instruments then say nil, but do not leave blank or put dash.

(i) Dholak or Tabla \_\_\_\_\_

(ii) Harmonium \_\_\_\_\_

(iii) Manjira \_\_\_\_\_

K. Does the school have contingency fund with the teacher ?

Yes ( ) No ( )

If yes, give the amount per annum (in. Rs. ) \_\_\_\_\_

MINI TOOL KIT :

In case of those tools which are available in your school in the following list give the number against them. If any particular tool is not available in your school put nil against the same but do not leave it blank.

1. Bench vice
2. Carpentry plane
3. Multi Tool
4. Hammer 160 gm.
5. Carpentry Chisel 6 mm.
6. Screw Driver
7. Carpentry Saw
8. Triangular file 100 mm
9. Scriber
10. Centre Punch
11. Junior Hacksaw
12. cutting blades 150 mm x 6 mm
13. Steel Scale 150 mm
14. Cutter
15. Auger bit 8 mm
16. Divider 100 mm

17. Bicycle wrench 100 mm
18. Soldering Iron 25 W
19. Line Tester
20. Perforated Board for electronic cut circuit.
21. Metal Box 165 mm x 250 mm
22. poly fab bag 250 mm x 20 mm
23. Packing materials including lock
24. Wooden screw 30 mm 2 Nos.
25. Wire/ply Nails assorted 25 gm
26. Sand paper 200 mm x 150 mm 1
27. Emery paper 100 mm x 75 mm 1
28. Sotering wire 2 gm.
29. Soldering paster 1
30. Dettol in ml. plastic bottle
31. Cotton surgical 10 gm.
32. Crease 20 gm.

THE SCHEME OF 'OPERATION BLACKBOARD'

(Appendix of letter No. F. 1-16/87-Sch.II dated 25.9.87 from Joint Secretary, School Education addressed to Education Secretaries of All State Governments/UT Admns.)

The Policy and Perspective :

1. Universalisation of Elementary Education (UEE) has been one of the goals of educational development. Provision of free and compulsory education to all the children until they complete the age of 14 years is a Directive Principle of the Constitution. It is a part of the Minimum Needs Programme as well as the 20-Point Programme 1986. The National Policy on Education, 1986 also gives an unqualified priority to UEE. It resolves that it shall be ensured that all children who attain the age of about 11 years by 1990 will have had 5 years of schooling, or its equivalent through the Non-Formal stream, and, likewise, by 1995 all children will be provided free and compulsory education upto 14 years of age.
  
2. The policy embodies the concept of a National System of Education that lays emphasis on elimination of disparities in the educational system and on improvement in the quality of publicly funded schools so that whatever the socio-economic background of the student, upto a given level he/she has access to education of a comparable quality. The Programme of Action of the NPE aims at achieving the goal of a Common School System, through strategies that focus effort on the underprivileged, the economically weak, the educationally disadvantaged, and the areas that need special attention. It recommends that at the elementary level a child-centred approach will be adopted and the academic programme and school activities built around the child. It also proposes measures to effect improvement in the quality of education through

- : 2 : -

reform of the content and process of education, improvement in school facilities, provision of additional teachers, laying down minimum levels of learning, etc.

3. The Union Government has accepted a larger responsibility in regard to maintenance of quality and standards of education at all levels of the educational process throughout the country. But the role and responsibility of the States remain undiminished - implementation of the NPE must engage the States' full attention, and it is only if the task of implementation is taken up with vigour, persistence and a sense of urgency that the new schemes of quantitative expansion and qualitative improvement, aimed eventually at a transformation of the whole system, have any chance of being realised.

#### Components of Operation Blackboard (OB)

The scheme for a substantial improvement in facilities in primary education has symbolically been named OPERATION BLACKBOARD (OB). OB lays down the minimum level of facilities to be provided in all primary schools which have been established so far, and it also prescribes the minimum level of funding for all new primary schools to be opened in future.

There are three interdependent components of OB :-

- (1) Provision of at least two reasonably large rooms that are usable in all weather with a deep verandah alongwith separate toilet facilities for boys and girls.
- (2) Provision of at least two teachers, as far as possible one of them a woman in every primary school.
- (3) Provision of essential teaching and learning material including blackboards, maps, charts, a small library, toys and games and some equipment for work experience.

- : 3 : -

OB is to be implemented in municipal areas as well as villages. Its scope is confined to primary schools (viz. schools upto class IV or V depending upon the structure in different states/UTs) upper primary schools and secondary schools, even if they have Classes I to IV/V, are not covered under this scheme.

5. The coverage of OB is to be extended to all primary schools run by Government, local bodies, Panchayat Raj institutions and recognised aided institutions. It needs to be kept in mind that this scheme is meant for educational institutions which have remained deprived of facilities and resources in the past.

Selection of Blocks and Municipal Areas:

6. Over the next 2-3 years OB will be implemented in the entire country. This will, however, be done in a phased manner, beginning with 20 per cent of the blocks and municipal areas in 1987-88, 30% in 88-89 and 50% in 89-90. The first step in implementation of OB is to select CB blocks/municipal areas for implementation. In the selection of blocks, the following considerations may be kept in view :-

- (a) No district may be left out.
- (b) Additional blocks may be given in a reasonable proportion to the total number of blocks in a district.
- (c) Preference in the selection of blocks should be given to those which are educationally disadvantaged and have concentration of persons belonging to Scheduled Castes and educationally disadvantaged Scheduled Tribes and minorities.

The State Governments may lay down certain other criteria in the process of selection. The governing consideration should be greater people's participation, possibilities of success of the scheme and the overall strategies spelt out in NPE.



7. The criteria for selection of municipal areas will have to be worked out by the State Governments themselves. It is suggested that smaller municipal areas should be treated as a single unit and a percentage of such areas in a district may be taken up. As far as large cities are concerned, implementation of the scheme in the first year should be restricted to 20 per cent of the municipal wards.

Survey and Project Formulation :

8. Survey of existing facilities is to be undertaken as soon as selection of CB blocks and municipal areas has been completed. The proforma for survey has been evolved in consultation with NCERT and has been communicated to the States separately.
9. There are two distinct categories of survey under OB. One, in respect of 20 per cent CB blocks and municipal areas in which OB is to be implemented in 1987-88; and two, survey of the remaining 80 per cent of the CD blocks and municipal areas in which OB will be implemented in the next 2-3 years. As far as the first category is concerned, viz. 20 percent of the blocks and municipal areas, special survey drive have had to be undertaken. In respect of the second category viz., the remaining 80 percent of the blocks and municipal areas, the survey sheets will be canvassed alongwith the Fifth All India Educational Survey. In respect of this category NCERT has issued detailed instructions for the survey staff.
10. The reference date for survey under OB is the same as for the Fifth All India Educational Survey, viz., 30 September 1986. This date will also hold good for determining the number of single teacher schools, which have to be provided second teacher under OB.
11. The results of the survey have to be compiled in two parts :

- : 5 : -

Part-I - relating to the requirement of additional teachers for the single teacher schools. Part-II - the remaining data, viz., availability of buildings and teaching/learning materials to be compiled with the form of a block project. The block project will include block-wise and municipality-wise consolidated data - existing facilities as well as deficiencies. The block project will also indicate the measures taken for involvement of teachers, local communities and necessary assurances regarding land, fencing, maintenance, replacements etc. Mention should also be made in the block projects regarding appointment of women teachers and the measures taken for ensuring that the teachers appointed will in fact serve at the place of their posting.

Construction of School Buildings :

12. No separate funds are being provided under OB by the Ministry of HRD (Department of Education) for construction of primary school buildings. Some State Governments were provided funds by the Eighth Finance Commission for construction of school buildings and steps should be taken for timely and planned use of those funds. National Rural Employment Programme (NREP) and Rural Landless Employment Guarantee Programme (RLEGP) have considerable funds in all States/UTs. A decision has been taken at the highest level to give high priority under these schemes to construction of primary school buildings. This decision has been incorporated in the manual recently brought out by the Ministry of Agriculture (Department of Rural Development), Government of India. This priority has been reiterated by the Department of Rural Development vide their Secretary's instructions to State Governments in his D.O. letter No. M.20042/27-85 RLEGP dated 30.7.87. The Coordination Committee set up by all State Governments under the Chairmanship of Chief Secretary to oversee implementation of NPE

should be able to ensure that adequate funds become available under NREP/RLEGP for the programme of construction of primary school buildings. It may be clarified that the essential parameters of NREP/RLEGP will remain unchanged even ~~x~~ when these programmes are used for OB. The following further clarifications are given in this regards :

- (a) Necessary land for construction of school buildings, including land for games and sports, has to be provided by the local community.
- (b) The local community, preferably village Education Committees, have to give a formal undertaking that they shall take responsibility for repair and maintenance of the building.
- (c) The local community has also to take responsibility for an appropriate fencing around the school compound. It could be a pucca wall or hedge or barbed wire, but sufficient to prevent the school compound becoming a thoroughfare for humans and cattle.
- (d) The proportion between labour and material component under NREP and RLEGP is 50 : 50. If the requirement of material is more than that, it will have to be provided by the State Government, local bodies or the village community. In the case of NREP, it may be possible to lump the work of primary school building with other works, such as social forestry and deficiency of village tank, and thereby ensuring 50 : 50 ratio between labour and material components.
- (e) Each of the rooms to be constructed should be approximately 30 sq. mtrs. in area and the verandah of approximately 9-10 feet depth. Even if there are two rooms in existence at present, but their area is much less and they are not satisfactory, new

- : 7 : -

rooms may be constructed.

- (f) Provision of separate toilets for boys and girls must form part of the construction activity. Toilets should be so constructed that they inculcate desired toilet habits among children and the construction and maintenance of toilets should be such that it should be possible to keep them clean.
- (g) Each State Government should get good architectural design made for construction of primary school buildings. These designs should be modular, in that they should provide scope for expansion of the building programme. Every effort should be made to utilise local materials and keep the cost of building low. They should be adequate, without being ostentatious and should merge well with the village environment. It should also be ensured that there is built-in space for storage of equipment, and well plastered blackboards should also form part of the structure itself, in the rooms as well as at both ends of the verandah.
- (h) Several States are faced with an acute drought situation this year and considerable expenditure is likely to be incurred on provision of relief works to drought affected families. The possibility should be explored of the labour component on school buildings being met out of these relief works if the funds for material component on school buildings being met out of these relief works if the funds for material component can be found from some other source under the control of the State Government, the local bodies, or village communities.

will have to make necessary arrangements for school buildings. It may be possible in some municipal areas to allocate municipal funds for this purpose. At some place it may be feasible to levy education cess on property or a general municipal tax. At some places, it may be possible to raise donations from charitable and philanthropic persons/organisations. Yet another possibility is to take additional space on rent. The Central Government would not be able to take any responsibility in respect of buildings for the municipal areas.

Provision of second teacher in single teacher schools :

14. The percentage of single teacher schools has been going down in the country. However, in some States the number of such schools continues to be alarmingly large and it adversely affects educational standards. This problem is, however, confined to rural areas. A second teacher will be provided as a part of OB for all single teacher schools in the 20 percent CB blocks in 87-88 in another 30% blocks/Municipal areas in 88-89 and in the remaining in 89-90. The relevant date for determining the number of single teacher schools, as already clarified above, is 30 September 1986. The following considerations are to be kept in view while implementing this component of OB :-

- (a) The State Government will need to give a categorical assurance that all new primary schools opened will be provided two teachers.
- (b) To the extent possible all new teachers to be appointed should be women. It will be advisable if every school has at least one woman teacher. However, if women teachers cannot reside in the village where they are posted or cannot easily commute there, the second teacher may also be male, but corresponding

- increase in the number of women teachers should be made in urban areas or in other locations where it is possible to increase the number of women teachers.
- (c) In the appointment of teachers spatial considerations need to be kept in view. If trained teachers belonging to remote rural areas are available they should be given preference, without disturbing the broad policy regarding appointment of teachers. Likewise, preference should be given to trained teachers belonging to SC/ST.
- (d) In some States/UTs there are a number of trained teachers awaiting appointments for several years. In all cases where persons trained 2-3 years prior to their appointment (and if they were not working as teachers in the intervening period) are appointed, they should be provided a suitable refresher course, say of one month duration. Necessary preparations for this purpose should be made immediately. The material prepared by NCERT for the massive summer vacation teacher training programme could also supplement other resources.

Instructions for Learning Material :

15. The essential facilities in primary schools have been spelt out in the annex-I. This list has been prepared after a great deal of examination and should hold good for all schools through the country. However, those State Government UT Adms. which consider it essential to make departure from this list may do so provided that they can give sufficient justification therefore and it does not lead to increase in costs.
16. There is an insistence under OB on purchase of material of good quality. The past experience shows that the existing financial procedures oblige educational administrators to

go in for the cheapest material, which is generally of sub-standard quality. Under OB specifications are being worked out in respect of various items which lend this to such disruption. The Bureau of Indian Standard (formerly known as Indian Standards Institution - ISI) has been requested to lay down specifications in consultation with educationists and class room teachers. Meanwhile State Governments may work out their own specifications which can be used for 1987-88.

17. As soon as possible the work experience programme in upper primary schools and secondary/higher secondary schools should be modified to manufacture as many items required under OB as possible. As a part of work experience the students should also be trained to produce material of good quality and dilution of specifications should not be permitted. Even polytechnics and ITIs should be encouraged to set up manufacturing units as envisaged under "earn-while-you-learn" projects.
18. The responsibility for replenishment of materials will have to be borne by the State Governments or the local bodies as the case may be. Funds for this will have to be provided in a systematic manner and while making proposals for sanction of funds under OB State Governments would be expected to give necessary indications in this regard.
19. In addition to bringing about necessary changes in the procedure for purchase of instructional learning material, it will also be necessary to reorient the teachers and to build an atmosphere in which teachers use the material provided under OB and also improvise instructional material on their own initiative. This will have to be built into all programmes of teacher education - preservice as well as inservice. In addition small simple booklets should be brought out by SCERTs to facilitate proper use of this material. It will

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also be necessary to make necessary changes in the financial/ accounting procedures and audit requirements.

Financial Pattern and Procedure for Sanction :

20. OB is a centrally sponsored scheme. No separate funds have been provided under it for construction of primary school buildings in rural areas. It is to form part of NREP, RLEGP and other appropriate schemes, including special area development schemes such as Tribal Sub-Plans, Hill Areas Development Programme, Border Area Development Programme, etc. Funds for appointment of second teachers in single teacher schools and for purchase of instructional/learning material will be provided by the Central Government on hundred percent basis upto the end of the Seventh Plan. It shall be necessary for the State Governments to draw up, and adhere to, a detailed plan for construction of primary school buildings as envisaged in OB. While sanctions may be issued in 1987-88 releasing Central funds for second teachers and equipment, etc. on the basis of the detailed plans in the subsequent two years the progress of construction of buildings will be evaluated before consideration of proposals for funds under OB. The liability in respect of teachers' posts will get transferred to the State Governments after the Seventh Plan. Necessary steps should be taken now itself to ensure that the liability during the Eighth Plan gets treated as committed expenditure by the Ninth Finance Commission. The Central assistance is contingent upon the State Governments and/or local bodies and/or the local community taking responsibilities as spelt out in this and the proceeding paragraphs. Their responsibilities would include the following :-

- (1) Detailed information regarding the manner in which buildings as envisaged in OB will be got constructed within a well-defined time-frame.



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- (2) Provision of contingency at the rate of Rs. 500/- per annum for every primary school.
- (3) Provision of land and fencing.
- (4) An undertaking regarding repair and maintenance of school buildings.
- (5) An assurance that in future all sanction of primary schools teachers and equipment would be provided at least at the level envisaged under OB.
- (6) An assurance that all teachers appointed under this scheme will be put through inservice training in a time-bound programme.
- (7) Provision of funds for replenishment of equipment.

In addition to these, the State Governments will also have to take steps for detailed micro-planning for universal enrolment and retention at the elementary stage, which is the basic objective of OB. Measures will also need to be taken for involvement of teachers and the local community not only in planning and implementation of OB but to create an upsurge for universalisation of elementary education. It may also be necessary to strengthen the administrative structures at the elementary stage, for which there will be no centrally assisted scheme.

21. The projects prepared at the block level will be sanctioned by a State Level Empowered Committee which may be headed by Chief Secretary/Development Commissioner/Education Secretary. Its membership should include all persons necessary to give final clearance. The Central Government will be represented by 2 or 3 persons - one from the Ministry, the other to represent Finance and the third to represent NCERT. The Empowered Committee should have powers to make final sanction, which will be honoured by the Central as well as the State Governments/UT Administrations.

go in for the cheapest material, which is generally of sub-standard quality. Under OB specifications are being worked out in respect of various items which lend this to such disruption. The Bureau of Indian Standard (formerly known as Indian Standards Institution - ISI) has been requested to lay down specifications in consultation with educationists and class room teachers. Meanwhile State Governments may work out their own specifications which can be used for 1987-88.

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22. The project proposal for each block or municipal area will be prepared separately. The State Government will have to ensure that the format for preparation of project report is the same for all block/municipal areas. The project report for a block/municipal area should give the number of primary schools being covered under Operation Blackboard and the deficiency in regard to building, second teacher and each item of essential equipment (as per list at Annex-I). As mentioned in para 20, necessary details regarding the source of funds and time-frame will be given in respect of the buildings component. The Empowered Committee for Operation Blackboard will sanction the block/municipal area wise project in so far as they relate to the second teacher and the essential equipment. It will be advantageous if all the proposals for the year for the State are placed before the Empowered Committee for sanction in one meeting but in the interest of the speedy execution of the programme the Empowered Committee can consider the proposals in regard to the blocks/municipal areas in more than one meeting, as they become available. Similarly the Empowered Committee may consider sanction for second teacher separately from the sanction for essential equipment. However, no sanction of Central funds will be considered unless a clearly spelt out plan for construction of primary school buildings, as envisaged in OB, is presented to the Empowered Committee.

23. Since second teacher is to be sanctioned in places where there is only one teacher in the school, all second teachers will be fresh entrants to the service. Therefore, salary for the second teacher should be computed at the minimum of the pay scale prescribed for the primary school teacher in the State concerned along with the dearness and other allowances admissible. The Central assistance for such teachers e.g. those recruited in 87-88 will be computed for 88-89 after adding the amount of due annual increment.

24. As far as equipment is concerned the list of essential equipment alongwith the estimated cost of each item is at Annex-I. The costs mentioned of individual items are estimates only and the actual costs of items may be more or less the same in many States. The cost of procuring an individual item can therefore vary but effort will have to be made to keep the average cost per school of the whole set of equipment near about Rs. 7125/- Naturally, most schools will have some of these items already. The survey of the identified blocks will indicate the availability of items in each school. The list in Annex-I gives the number of each item that should be available to each primary school. The deficiency of items in each school may be worked out on the basis of this norm. Therefore, the block/municipal area project report under Operation Blackboard will compute the requirement of each item and the requirement of funds on this basis. The list at Annex-I gives the norm of availability for a primary school (I to IV or V) with one section to each class. If a primary school have more than one section to each class (I to IV or V) the norm may be taken as twice the number given in the list at Annex-I. Further, with regard to teachers' furniture and blackboards, the requirement may be calculated for every teacher and every class-room in the school if they lack this facility. In computing the deficiency for blackboard in schools where new building will be constructed it may be borne in mind that blackboard will be built into the wall. Therefore, while computing funds for blackboards, the requirement of blackboards for existing buildings should alone be computed.
25. On the basis of sanctions made by the Empowered Committee the funds will be released by the Government of India. For equipment 50% of the requirement for the year will be sanctioned immediately after the block/municipal area wise projects

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are sanctioned by the Empowered Committee and the remaining amount will be released when the State Government is able to report the progress of expenditure showing that 75% of the earlier amount has been spent. For second teacher 50% of the requirement for the year will be sanctioned when the State Government has created the post for the second teacher and the rest will be sanctioned when the State Government is able to show the progress of expenditure indicating that 75% of the earlier amount has been utilised. For 1987-88 however, since the scheme will come up under implementation in the middle of the year, the whole of the amount for the year will be sanctioned on the basis of the sanctions made by the Empowered Committee.

Procurement of Equipment :

26. The list of essential equipment is at Annex-I. As specified in para 16, the Bureau of Indian Standards (viz. Indian Standards Institute) is determining the specifications for equipment. After these become available, it will be obligatory for States to procure equipment conforming to the specification. Till then the States may exercise their judgement in procuring equipment but care should be taken that it is of good quality. As has been suggested in para 17, it will have to be examined what equipment can be fabricated/manufactured within the educational sector under the Work Experience Programme of in Polytechnics/ITIs. Procurement should be done from the market only to the extent it cannot be fabricated/manufactured within the educational institutions. Since general inquiries do not always attract the best suppliers, it would be desirable to identify manufacturers within and outside the State who can supply the desired equipment of acceptable quality. While placing order for supply of the equipment, sample would naturally be obtained but in addition it is necessary that as many samples of

of approved quality are obtained as are the receiving officers in the districts/blocks so that they can tally the supplied equipment with the approved sample when the supplies are made. At the district/block level where the supplies are made, different items of equipment will be received from the suppliers in different numbers and over a period of time. Obviously it will lead to considerable damage and disorder if items are supplied to the School piece-meal. Therefore, the State Government should attempt to work out an arrangement at district/block level whereunder the complete set of items to be supplied to a primary school is supplied in one lot. An educational institution having adequate storage place at the district/block level could appropriately be the specified point where supplies would be made by the suppliers and an appropriate number of officials could be deputed for this duration to receive the supplies, to tally the quality with the approved sample, and take responsibility for delivery to individual schools.

Monitoring system :

27. Operation Blackboard is a programme having many aspects. It is designed to be one of the important vehicles for achieving the target of universal primary education by 1990. Therefore, it is important to have a proper management information system for the programme. The Ministry is taking steps to develop such system with the assistance of experts in this field. For the implementation of the programme itself i.e. to monitor that all the schools progressively get essential facilities envisaged in the Operation Blackboard, a system of quarterly monitoring will be followed. The State Government will supply information for each quarter by the end of the succeeding month to the Ministry in the proforma at Annex-II.

