

# OPERATION BLACK BOARD

PROJECT REPORT

OF

**BLOCKS**

**KERALA STATE**

**1987 - 88.**

**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN PERUMKADAVILA  
BLOCK OF PERUMKADAVILA DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

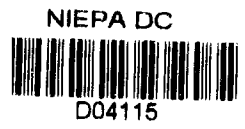
Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by government, local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN PERUMKADAVILA BLOCK/MUNICIPALITY/CORPORATION.

Perumkadavila is one of the two blocks selected from the Perumkadavila District. The other Block is *Perumbavur*. Besides; Municipal town of *Perumbavur* and Corporation/Municipality of *Perumbavur* have been selected. *Perumbavur* qualifies under the norms prescribed for selection during 1987-88. *Perumbavur* falls in *Alappuzha* Educational District and the Block/Municipal jurisdiction covers portions of *Perumbavur* educational Sub-Districts.

(contd...2)



The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In ..... *Perumkadavila* as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Perumkadavila* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of *34* schools *5* schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For *3* buildings at a unit cost of *Rs. 90,000*, the requirement is *Rs. 2,70,000*. For *11* toilets, considering the need for two toilets for schools not having them, the financial requirement is *Rs. 55,000* at a unit cost of *Rs. 5,000*. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging *7* well at a unit cost of *Rs. 5,000*, the requirement is *Rs. 35,000*. In other cases Managers will be made to make up for deficiencies, if any.

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DOC. No. *A.1.115*  
Date *12.11.88*

(contd....)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1982. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1983, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and tickets will be put to use when the schools re-open in the first week of June 1983. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 28.92 L. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd. . . 4)

:4:

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.B. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

....

# TRIVANDRUM

## ADMISSION

# PERUMKADAVIL

District....	Unit Cost	No projected	Block total	
Building	60000	5	260000	180000
Toilet	5000	11	55000	55000
Well	5000	1	5000	1500
Total	-	-	3,20,000	236500
Syllabus	0.5	29	145	11 priority
Text books	25.00	44	1100	
Teacher's Guides	15.00	32	585	260000
Maps	175.00	32	5600	120000
Plastic Globe	100.00	40	4000	
Educational Charts	90.00	42	3780	
Wisdom Blocks	120.00	58	6960	
Bird and Animal Puzzle	60.00	62	3720	
Toys	300.00	62	18600	
Skipping Rope	60.00	41	2460	
Football	70.00	58	4060	
Volley Ball	70.00	63	4410	
Rubber Balls	50.00	59	2950	
Air pump	35.00	58	2030	
Ring	50.00	52	2600	
Swing rope with tyre	35.00	63	2205	
Primary Science Kit	400.00	48	19200	
Mini Tool Kit	300.00	63	18900	
Mathematics Kit	300.00	62	18600	
Dictionaries	100.00	44	4400	
Encyclopaedia	100.00	56	5600	
Children's Books	1600.00	34	54400	
Magazine	450.00	62	27900	
School Bell	50.00	9	450	
Dholak or Tabla	100.00	62	6200	
harmonium	500.00	62	31000	
Manjira	50.00	62	3100	
Furniture for teachers	700.00	75	52500	
boxes	300.00	269	80700	
Black Board	400.00	39	15600	
Pin-up board	50.00	273	13650	
Chalk & Duster	30.00	83	2490	236500
Water facility	100.00	34	3400	399885
Trash Can	50.00	34	1700	636385
Total....	-	-	-	-
Grand Total	7215.00		399885	
			320000	
			719885	7.2 Lakhs

Total number of Independent Primary Schools (LP) in the Block/ Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
34	11	2	3	1) Tribal Lps Piranimbath. 2) Lps Thattiyon 3) Lps Venkayin 4) Lps Marayammattam 5) Lps Poyyankud	1) Lps Annakkadavil 2) Tribal Lps Piranimbath 3) Lps Pulmangalam 4) Lps Kunnamad 5) Hw Lps Kunnamad 6) Lps Poyyankud 7) Lps Venkayin 8) Tribal school vakkath 9) Lps Kunnamad	Lps Kunnamad	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require-ment as per OB Norms.	Unit cost	Total cost
1.	Two Room Primiti	24	5000	3,50,000	83000
2.	Toilets	10	11	5,000	55000
3.	Well/drinking water facility	10	1	5,000	1500
					536500

Grand Total

### APPENDIX - II (REQUIREMENT OF LEARNING AND TEACHING MATERIALS

**T.M. DISTRICT**

Sl. No.	Block	Unit cost (in Rs)	Name of schools Pvt. I Aided. II	Materials																						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
		5																								
		25																								
		175																								
		100																								
		90																								
		120																								
		60																								
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		700																								
		800																								
		100																								
		500																								
		30																								
		100																								

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**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

Sl. No.	BLOCK		Net cost (in Rs)	Name of schools Pvt. I Aided. II	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Mantra	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chalk & Duster	Water facility	DISTRICT		
	Block	Category																																						
6	L.P.S.S	E	5																																					
	PERUMKADAVIL	R	25																																					
7	L.P.S.S	E	5																																					
	POOZHANAD	R	15																																					
8	MIRIBAL	E	175																																					
	PARAVIMBAL	R	100																																					
9	L.P.S.S	E	90																																					
	AKKIMYOOR	R	20																																					
10	L.P.S.	E	60																																					
	VENKAZHI	R	35																																					

10 11 11 5 13 11 18 18 18 11 18 18 18 18 14 18 13 18 18 12 15 11 18 6 18 18 18 38 22 12 76 44

**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS**

DISTRICT

BLOCK

Unit cost (in Rs)

Name of schools  
Pvt. I  
Aided. II

Sl. No.	Name of schools	Block	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	King	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
				5	25	15	175	100	90	120	60	300	60	70	70	50	35	50	35	400	300	300	100	100	45	50	100	100	50	700	300	400	500	50	100	
11	TRIBAL SCHOOL	E		1	X	X	X	X	2	X	X	3	X	X	X	X	X	X	1	X	X	2	X	10	X	1	X	X	X	X	8	4	8	4		
	VALAVAYI	SR		1	2	2	2	2	X	2	2	X	2	2	2	X	2	2	1	2	2	X	2	X	X	X	X	X	X	15	X	15	X	14		
2	ST GEORGE	LPE		X	5	10	2	14	X	X	X	X	X	X	2	X	X	X	1	X	X	1	X	2	X	2	2	2	2	2	17	2	17	3		
	AMBORI	12R		2	X	X	X	2	2	2	2	2	2	2	X	2	2	2	1	2	2	1	2	X	X	1	X	X	X	16	X	16	X	16		
3	LMS.205	E		1	X	16	2	5	X	X	X	X	X	X	X	X	X	X	1	X	X	1	X	2	2	X	2	2	2	X	16	X	16	X		
	CHEMBOOR	16R		1	2	X	X	X	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	X	2	2	2	X	16	X	16	X		
	ANISHDKAR	E		3	X	X	1	1	2	X	X	X	X	X	X	X	X	X	1	X	X	X	X	25	X	1	X	X	X	7	X	8	X	7		
	MEMORIAL 203	SR		3	X	X	1	1	2	X	X	X	X	X	X	X	X	X	1	2	2	2	2	X	2	X	2	2	2	1	8	X	8	1		
	KALLIMCOOR	16R		X	2	2	1	1	X	2	2	2	2	2	2	2	2	2	1	2	2	2	2	X	2	X	2	2	2	8	X	8	X	8		
5	SEANNAS 205	E		1	X	X	X	X	X	X	X	2	3	X	X	1	2	X	X	X	X	X	X	X	X	X	1	X	X	X	8	X	8	X	8	
	KALLIKKAD	SR		1	2	2	2	2	2	2	2	X	X	2	2	1	X	2	2	2	2	2	2	2	2	2	X	2	2	2	X	8	X	8	X	
				15	19	17	9	18	17	26	28	11	26	28	26	25	22	28	19	25	28	18	25	15	28	8	26	25	25	49	12	18	13	24		



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BLOCK		Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's BOOK	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
21	E	L.M.S L.A.S	5	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	R	MANNOOR	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	E	L. L. HANRAH L.S.E	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	R	MARUHA THOOR	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	E	MISC L.A.S	11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	R	MARUHA THOOR	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	E	L. L. HANRAH L.A.S	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	R	MILAKKAD.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	E	L.P.S	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	R	MOOVERIKKARH	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

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DISTRIC

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				23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
6	SALAS	5	CLITHANNI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	S. THERESIAS	8	OLATHANNI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	L.P.S	10	CASHICKERBA MAZGALAM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	B.P.M. L.P.S	7	PERUMPAZHINI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	SNDPLS	6	PLAMPAZHINI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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BLACK

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MUNICIPALITY/CORPORATION.

. . . Varkala . . . is one of the two blocks selected from . . . . . District. The other Block is . . . . . Besides, Municipal town of . . . Varkala . . . and Corporation/Municipality of . . . Varkala . . . have been selected . . . . . Varkala . . . qualifies under the norms prescribed for selection during 1987-'88 . . . falls in . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

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In . . . Varkala . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

P A R T - II

Two main components of OB relevant to . . . Varkala . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 99 . . . schools . . . 12 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and most economical, will be finalised. For . . . 6 . . . buildings at a unit cost of Rs. 500000 the requirement is Rs. 3000000. For . . . 4 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 700000 . . . at a unit cost of Rs. 175000 . . . For construction purposes only government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging . . . 4 . . . well at a unit cost of . . . 15000 . . . , the requirement is . . . 60000 . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The Construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 450000/- adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in appendix-II

(contd...4)



Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No.M-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

Tiruvallur

ABSTRACT

Vandava

District....	Unit Cost	No projected	Block Total.....	
1. Building	60000	1	9,36,000	360000
2- Toilet	52000	18 (6+3)	70000	70000
3. Well	5000	14	20000	6000
Total	15000	4	10,26,000	4,35,000
4. Syllabus	0.5	37	185	Design
5. Text books	25.00	43	1075	books
6. Teacher's Guides	15.00	45	675	180000
7. Maps	175.00	51	8925	
8. Plastic Globe		35	3500	
9. Educational Charts	90.00	46	4140	
10. Wisdom Blocks	120.00	53	6360	
11. Bird and Animal Puzzle	60.00	53	3180	
12. Toys	300.00	53	15900	
13. Skipping Rope	60.00	39	2340	
14. Football	70.00	56	3920	
15. Volley Ball	70.00	56	3920	
16. Rubber Balls	50.00	51	2550	
17. Air pump	35.00	55	1925	
18. Ring	50.00	47	2350	
19. Swing rope with tyre	35.00	54	1540	
20. Primary Science Kit	400.00	42	16800	
20 Mini Tool Kit	300.00	54	16200	
22- Mathematics Kit	300.00	54	16200	
23. Dictionaries	100.00	32	3200	
24. Encyclopaedia	100.00	49	4900	
25. Children's Books	1600.00	28	44,800	
26. Magazine	450.00	57	25,650	
27. School Bell	50.00	9	450	
28. Dholak or Tabla	100.00	58	5800	
29. harmonium	500.00	58	29000	
30. Manjira	50.00	58	2900	
31. Furniture for teachers	700.00	87	60,900	
32. boxes	300.00	344	103200	
33. Black Board	400.00	68	27200	
34. Pin-up board	50.00	28	1400	
35. Chalk & Duster	30.00	138	4140	
36. Water facility	100.00	29	2900	436000
37. Trash Can	50.00	29	1450	429,575
Total.....			4,29,575	855,575
Grand Total	7215.00		14,55,575	

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. P. Schools. (2)	No. of Aided E.P. Schools. (3)	Name of schools where construction of glass rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
---------------------------------------------------------------------------------	------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

29	19	10	1) Govt MLPS Kalyan	2) Govt MLPS Kalyan	1) Govt LPS Palachira	
			2) K.G. LPS Thammimudi	3) MLPS Chakkam	2) Govt LPS Sreevishnu	
			3) Govt LPS Varkala Kalyan	4) Govt LPS Hanu Kappil	3) K.G. LPS Thammimudi	
			4) W LPS Vellu Kunnal	5) Govt LPS Kappil	4) Govt LPS Varkala Kalyan	
			5) Govt LPS Varkala	6) Govt LPS Kalyan		
			6) Govt LPS Chakkam	7) Govt LPS Muthara		
			7) Govt LPS Hanu Kappil	8) Govt LPS Palachira		
			8) Govt LPS Kappil	9) Govt LPS Sreevishnu		
			9) Govt LPS Muthara	10) K.G. LPS Thammimudi - 1		
				11) Govt LPS Varkala Kalyan - 1		

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Room	160	18 (6+3)	50,000 x 18	360,000
2.	Toilet	38	14	5,000	70,000
3.	Well/Drinking water Facility	15	4	15,000	60,000
<b>Grand Total</b>					<b>490,000</b>





**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS**

DISTRICT

Sl. No.	Name of schools	Type	BLOCK															Total cost (Rs)																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15																		
			Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Mandira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chai & Duster	Water facility
11	Govt. H.S.P L.P.S. Chittoor	E R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Govt. M.L.P.S Palachira	E R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Govt. L.P.S Panachera	E R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Govt. L.P.S Sreenivasapuram	E R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	K.G.E.L.P.S Thannimodu	E R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			91	12	22	22	17	15	30	60	300	60	70	70	50	35	50	35	400	300	300	100	100	..	45	50	100	100	50	700	300	400	200	50	
			91	12	22	22	17	15	30	60	300	60	70	70	50	35	50	35	400	300	300	100	100	..	45	50	100	100	50	700	300	400	200	50	



**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

DISTRICT

BLOCK

Unit cost (in Rs)

Name of schools  
Pvt. I  
Aided. II

Sl. No.	Block	School Name	Type	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Games kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Mantra	Furniture for Trs.	BOXES	Black Board	Run-up Board	Chal & Duster	Water facility	
				33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
21		Lakshmy Memmala	E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		K.P.S. Kripunam	R	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22		A.M.L.P.S. Koveer	R	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23		R.M.L.P.S. Mananak	R	1	X	X	2	2	1	2	2	2	X	2	2	2	2	1	X	2	2	2	2	2	2	2	2	X	2	2	2	2	2	2	2	2	2
4		M.V.L.P.S. Manthara	R	1	X	X	2	2	X	2	2	2	X	2	2	2	2	2	2	2	2	2	2	2	2	X	1	X	2	2	2	2	2	2	2	2	2
5		St. Sebastian's L.P.S. Moongade	R	1	X	X	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	X	2	2	2	2	2	2	2	2	2

33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

Sl. No.	BLOCK	Name of schools		Total cost (in Rs)	S	E	R	E	R	E	R	E	R	E	R	E	R	E	R	E	R	
		Pvt. I	Aided. II																			
		Syllabus		5																		
		Text book		25																		
		Teaching guides		15																		
		Maps		175																		
		Globe		100																		
		Educational charts		90																		
		Wisdom Block		120																		
		Bird Animal puzzle		60																		
		Toys		300																		
		Skipping rope		60																		
		Football		70																		
		Volley Ball		70																		
		Rubber ball		50																		
		Air pump		35																		
		King		50																		
		Swing rope		35																		
		Science kit		400																		
		Maths Kit		300																		
		Mini tool kit		300																		
		Dictionaries		200																		
		Encyclopaedia		100																		
		Children's Book		...																		
		Magazine		45																		
		School Bell		50																		
		Dholak		100																		
		Harmonium		100																		
		Manira		50																		
		Furniture for Trs.		700																		
		Boxes		200																		
		Black Board		400																		
		Pin-up Board		500																		
		Chart & Display		...																		

26  
27  
28  
29  
30

BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN CHAVARA . . .  
BLOCK OF . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . CHAVARA . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

selected from . . . . . is one of the two blocks selected from . . . . . district. The other Block is . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected . . . . . (Chavara) qualifies under the norms prescribed for selection during 1987-88 . . . . . fails in . . . . . Educational district and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . . . areas in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

P A R T - II

Two main components of OB relevant to . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. 69,000, the requirement is Rs. 30,000. For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 15,000, at a unit cost of Rs. 7,500. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging . . . . . well at a unit cost of . . . . ., the requirement is . . . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 2,15,445. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.B. Chaturvedi, Joint Secretary (Schools) (D.O.No.P1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

QUILON

AMETHIAGE

6

CHAVARA

District....	Unit Cost	No projected	Block total	
1. Building	50,000	1 (5+5)	304,000	300,000
2- Toilet	5,000	15	75,000	75,000
3. Well	15,000	3	15,000	4600
<b>Total</b>			<b>454,000</b>	<b>379,500</b>
4. Syllabus	0.5	23	115	112,000
5. Text books	25.00	23	575	priority
6. Teacher's Guides	15.00	28	420	2,700,000
7. Maps	175.00	25	4375	1,200,000
8. Plastic Globe	100	10	1000	
9. Educational Charts	90.00	33	2970	
10. Wisdom Blocks	120.00	25	3000	
11. Bird and Animal Puzzle	60.00	37	2220	
12. Toys	300.00	35	10500	
13. Skipping Rope	60.00	27	1620	
14. Football	70.00	35	2450	
15. Volley Ball	70.00	37	2590	
16. Rubber Balls	50.00	35	1750	
17. Air pump	35.00	35	1225	
18. Ring	50.00	31	1550	
19. Swing rope with tyre	35.00	37	1295	
20. Primary Science Kit	400.00	37	14800	
20 Mini Tool Kit	300.00	37	11100	
22- Mathematics Kit	300.00	37	11500	
23. Dictionaries	100.00	12	1200	
24. Encyclopaedia	100.00	29	2900	
25. Children's Books	1600.00	22	35200	
26. Magazine	450.00	36	16200	
27. School Bell	50.00	-	-	
28. Dholak or Tabla	100.00	36	3600	
29. harmonium	500.00	36	18000	
30. Manjira	50.00	36	1800	
31. Furniture for teachers	700.00	29	55300	
32. boxes	300.00	21	6300	
33. Black Board	400.00	24	9600	
34. Pin-up board	50.00	35	1750	
35. Chalk & Duster	30.00	198	5940	379500
36. Water facility	100.00	20	2000	235445
37. Trash Can	50.00	20	1000	614945
<b>Total....</b>			<b>235445</b>	
<b>Grand Total</b>	<b>7215.00</b>		<b>454000</b>	
			<b>689445</b>	

Chavara

Block/Municipality. 7

APPENDIX - I.

District. Coimbatore.

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
20	14	6	1) Annalloor North 2) L.V LPS Chavara South 3) LPS Mukundapuram 4) S.M.V LPS Thiravalalka 5) D.V LPS Vadakkumthala 6) Govt LPS Ayyancoikkal 7) G.LPS Mattakkal	1) Annalloor North 2) L.V LPS Chavara 3) G.LPS Chittoor 4) Kangankuniyala 5) Kurumanthara 6) Muhammed LPS Kethiattom 7) Mottakkal 8) <del>Mukundapuram</del> 9) Neendarkara 10) Panmana manayi 11) Puthakkad 12) <del>S.M.V LPS Thiravalalka</del> 13) Vadakkumthala	3. Chavara 4. Chittoor 6. Kurumanthara	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require-ment as per OB Norms.	Unit cost	Total cost.
1.	Two rooms	72	7	51,000	364,000
2.	Toilets	13	15	15 x 5,000	75,000
3.	Well/Drinking water facility	11	3	3 x 15,000	15,000
Grand Total					454,000

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

RAJILAN

DISTRICT

BLOCK HAVARA

Unit cost (in Rs)	5	25	15	175	100	90	120	60	300	60	70	70	50	35	60	35	100	300	300	100	100	50	700	300	400	500	30	100
Name of schools	Pvt. I		Pvt. II		Pvt. III		Pvt. IV		Pvt. V		Pvt. VI		Pvt. VII		Pvt. VIII		Pvt. IX		Pvt. X		Pvt. XI		Pvt. XII		Pvt. XIII		Pvt. XIV	
	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt	govt
Unit cost (in Rs)	5	25	15	175	100	90	120	60	300	60	70	70	50	35	60	35	100	300	300	100	100	50	700	300	400	500	30	100
Name of schools																												
Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Text book	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Teaching guides																												
Maps																												
Globe																												
Educational charts																												
Wisdom Block																												
Bird Animal puzzle																												
Toys																												
Skipping rope																												
Football																												
Volley Ball																												
Rubber ball																												
Air pump																												
Ring																												
Swing rope																												
Belose kit																												
Maths Kit																												
Mini tool kit																												
Dictionaries																												
Encyclopaedia																												
Children's Book																												
Magazine																												
School Bell																												
Dholak																												
Harmonium																												
Manira																												
Furniture for Trs.																												
Boxes																												
Black Board																												
Pin-up Board																												
Chal & Duster																												
Water facility																												

5 7 6 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9





APPENDIX - II  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Gulbarga DISTRICT

Sl. No.

13

S.M.V. LIPS  
 Theralokara

14

S.M.V. LIPS  
 Radakicumi/Dak

Sl. No.	Name of schools	Block	Material	Quantity	Unit cost (in Rs)
13	S.M.V. LIPS Theralokara	E	Syllabus	1	5
			Text book	2	25
			Teaching guides	2	15
			Maps	2	175
			Globe	1	100
			Educational charts	2	90
			Wisdom Block	2	120
			Bird Animal puzzle	2	60
			Toys Skipping rope	2	300
			Football	2	60
14	S.M.V. LIPS Radakicumi/Dak	R	Volley Ball	2	70
			Rubber ball	2	70
			Air pump	2	50
			Ring	2	35
			Swing rope	2	60
			Science kit	2	35
			Maths Kit	2	400
			Mini tool kit	2	300
			Dictionary	2	107
			Encyclopaedia	2	100
Children's BOOK	1	7			
15	S.M.V. LIPS Radakicumi/Dak	R	Magazine	2	45
			School Bell	1	50
			Dholak	2	100
			Harmonium	2	100
			Manira	2	50
			Furniture for Trs.	13	700
			Boxes	1	300
			Black Board	13	400
			Pin-up Board	2	50
			Chal & Duster	15	30
			Water facility	15	100
				15	100
				15	100
				15	100
				15	100

govt





**BLACK**  
PROJECT REPORT FOR OPERATION BLACK BOARD IN PATHANAPURAM  
BLOCK OF QUILON . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programmes.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandan along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . PATHANAPURAM . BLOCK/  
MUNICIPALITY/CORPORATION.

Pathanapuram . . . . . is one of the two blocks selected from . . . . . Quilon . . . . . district. The other Block is . Chavara . . . . . Besides, Municipal town of . . . . . Quilon . . . . . and Corporation Municipality of . . . . . have been selected . . . . . Pathanapuram qualifies under the norms prescribed for selection during 1987-88 . Pathanapuram . . . . . falls in Kottarakkara . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by HCEERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In Pathanapuram . . . . . as in all other block and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to Pathanapuram Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of 43 . . . schools 39 . . . schools require additional buildings of two rooms with the verandah and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For 9 buildings at a unit cost of Rs. 60,000 the requirement is Rs. 540,000. For 50 toilets, considering the need for two toilets for schools not having them the financial requirement is Rs. 250,000 . . . at a unit cost of Rs. 5000 . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging 38 . . . well at a unit cost of Rs. 1500 . . ., the requirement is Rs. 57,000. In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the P.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, P.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 88240. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd. . .4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by Government of India in the enclosed guidelines to the D.O. letter of Sri.Y. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.



*Palthana param*

**SUMMARY**

*Quilon*

District....	Unit Cost	No projected	Block total	
1. Building	60,000	30 (9+21)	1,800,000	540,000
2- Toilet	5,000	50	250,000	250,000
3. Well	<del>5,1500</del>	38	1,90,000	57,000
<b>Total</b>			<b>2,000,000</b>	<b>847,000</b>
4. Syllabus	0.5	11	5.5	Ind pious
5. Text books	25.00	52	1,300	60000x21
6. Teacher's Guides	15.00	32	480	
7. Maps	175.00	49	8575	1260000
8. Plastic Globe	100.00	28	2800	
9. Educational Charts	90.00	60	5400	
10. Wisdom Blocks	120.00	52	6240	
11. Bird and Animal Puzzle	60.00	75	4500	
12. Toys	300.00	77	23100	
13. Skipping Rope	60.00	75	4500	
14 Football	70.00	71	4970	
15. Volley Ball	70.00	75	5250	
16. Rubber Balls	50.00	73	3650	
17. Air pump	35.00	71	2485	
18. Ring	50.00	72	3600	
19. Swing rope with tyre	35.00	75	2625	
20. Primary Science Kit	400.00	74	29600	
20 Mini Tool Kit	300.00	74	22200	
22- Mathematics Kit	300.00	74	22200	
23. Dictionaries	100.00	34	3400	
24. Encyclopaedia	100.00	63	6300	
25. Children's Books	1600.00	52	83200	
26. Magazine	450.00	67	30150	
27. School Bell	50.00	18	900	
28. Dholak or Tabla	100.00	73	7300	
29. harmonium	500.00	73	36500	
30. Manjira	50.00	73	3650	
31. Furniture for teachers	700.00	155	1,08,500	
32. boxes	300.00	43	12900	
33. Black Board	400.00	76	30400	
34. Pin-up board	50.00	58	2900	
35. Chalk & Duster	30.00	72	2160	
36. Water facility	100.00	43	4300	847000
37. Trash Can	50.00	43	2150	488240
<b>Total.....</b>			<b>4,88,240</b>	<b>1,33,5240</b>
<b>Grand Total</b>	<b>7215.00</b>		<b>20,00,000.00</b>	<b>24,88,240</b>

PATHANADURAM Block/Municipality.

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
43	38	5	<p><u>First Priority</u>,                      M. LPS Kunelayam                      Rusa LPS                      Madoor LPS                      Meenon LPS                      Panalithittu LPS                      Pedavoor LPS                      Thekathen LPS                      " W.LPS                      Araniswaram LPS                      " W.LPS                      Kunnikode LPS</p>	<p>Kunelayam M.LPS (2)                      Rusa LPS (2)                      Madoor LPS (1)                      Mandyakala LPS (1)                      " BV LPS (2)                      " New LPS (1)                      Meenon LPS (1)                      Panalithittu LPS (1)                      Panthapilavu New LPS (1)                      " V.V. LPS (1)                      Pattayhi LPS (1)                      " W.LPS (1)                      Vidavoor LPS (2)                      Thekathen Vadakkal LPS (1)</p>	<p>Ambalathir Nisapil W.LPS                      Kunelayam M.LPS                      Rusa LPS                      Pedavoor LPS                      Mandyakala LPS                      " BV LPS                      " New LPS                      Meenon LPS                      Niraabad LPS                      Panalithittu LPS                      Panalipilavu New LPS                      " V.V. LPS                      Pattayhi LPS                      " W.LPS</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Two room building	116	30	ax 60,000	1500000
2.	Toilets	26	50	50x 5,000	250000
3.	Well/drinking water facility	Nil	38	38x 15,000	190000
Grand Total					2000000
					<u>540000</u> <u>250000</u> <u>57000</u> <u>847000</u>

PATHANAPURAM

Block/Municipality.

District. Coimbatore.

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)	
			Neelavannoor LPS Chikam LPS Pathanapuram LPS HBID LPS Pathanapuram Pottanangy LPS Elivattor LPS Kannurcheery LPS Vadigaluru W LPS Vannur LPS	Thegheethu Vadakku New LPS (1) " W LPS (1) Thekketheri LPS (1) " W LPS (1) Vadakkodu LPS (2) Avaniswaram LPS (1) " W LPS (1) Kanniyara LPS (2) Kunnilkodu LPS (1) Neelavannoor W LPS (2) Vilalanchi LPS (1) Chikaram LPS (2) Pathanapuram LPS (1) " HBID LPS (1)	Pidavoor LPS Thegheethu Vadakku LPS " New LPS " W LPS Thekketheri LPS " W LPS Vadakkodu LPS Avaniswaram LPS " W LPS Kanniyara LPS Kunnilkodu LPS Neelavannoor W LPS Vilalanchi LPS Chikaram LPS Pathanapuram LPS		
Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.		Additional require- ment as per OB Norms.		Unit cost	Total cost.

1.	Two well drinking					52,000	
2.	Toilets					5,000	
3.	Well/drinking water facility					5,000	

Grand Total

APPENDIX - I<sup>a</sup>

PATHANAPURAM Block/Municipality.

District. QUILON.

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			<p><u>Second Priority</u></p> <p>W. L.P. Pambalathur New LPS</p> <p>Majabala LPS</p> <p>Pattampal New LPS</p> <p>" V.V. LPS</p> <p>Pattanni LPS</p> <p>Thiruthiruvackam LPS</p> <p>" New LPS.</p> <p>Thiruthiruvackam W LPS.</p> <p>Karavayal LPS.</p>	<p>Pukulangy LPS (2)</p> <p>Eleikattol LPS (1)</p> <p>Karavayal LPS (2)</p> <p>Karavayal LPS (2)</p> <p>" New LPS (2)</p> <p>Valliyalavu W.L.P.S (1)</p> <p>Vinnimala LPS (1)</p> <p>Airivithura LPS (1)</p>	<p>Pathanapuram HBMLPS</p> <p>Pukulangy LPS</p> <p>Eleikattol LPS</p> <p>Karavayal LPS</p> <p>Karavayal LPS</p> <p>" New LPS</p> <p>Valliyalavu LPS</p> <p>Vinnimala LPS</p> <p>Airivithura W LPS</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building			52,000	
2.	Well			5,000	
3.	Well/Drinking water facility			5,000	

Grand Total

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Duylos DISTRICT

Sl. No.

BLOCK PALTHANAPURAM

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
Govt		5																																	
1	K. L. S. Ampalathi	25		1																															
2	N. S. appi	15		1																															
3	Thalavoo PC	175		3																															
4	K. L. S. Ampalathi	100		1																															
5	N. S. appi	90		1																															
6	Thalavoo PC	120		1																															
7	K. L. S. Ampalathi	60		1																															
8	N. S. appi	300		1																															
9	Thalavoo PC	60		1																															
10	K. L. S. Ampalathi	70		1																															
11	N. S. appi	70		1																															
12	Thalavoo PC	50		1																															
13	K. L. S. Ampalathi	35		1																															
14	N. S. appi	60		1																															
15	Thalavoo PC	35		1																															
16	K. L. S. Ampalathi	400		1																															
17	N. S. appi	300		1																															
18	Thalavoo PC	300		1																															
19	K. L. S. Ampalathi	100		1																															
20	N. S. appi	45		1																															
21	Thalavoo PC	50		1																															
22	K. L. S. Ampalathi	100		1																															
23	N. S. appi	45		1																															
24	Thalavoo PC	50		1																															
25	K. L. S. Ampalathi	100		1																															
26	N. S. appi	100		1																															
27	Thalavoo PC	50		1																															
28	K. L. S. Ampalathi	700		1																															
29	N. S. appi	300		1																															
30	Thalavoo PC	400		1																															
31	K. L. S. Ampalathi	500		1																															
32	N. S. appi	80		1																															
33	Thalavoo PC	100		1																															

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Ceylon DISTRICT

BLOCK Paliharampalam

Unit cost (in Rs)	5	25	15	175	100	90	120	60	600	60	70	70	50	35	50	35	400	300	300	100	100	45	50	100	100	50	700	300	400	500	30	100	50			
Name of schools	Pvt. I	aided. II																																		
Govt																																				
manyakala new																																				
K.P.S. manyakala																																				
meera k.p.s																																				
mapoo college																																				
njakakadu																																				
K.P.S. Thalavoo																																				
pandi thitta k.p.s																																				
Thalavoo p.o																																				
pamthapla																																				
New k.p.s																																				
pamthapla																																				
V.V. K.P.S																																				
pamthapla p.o																																				

Sl. No.

51

APPENDIX - II

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Gulbarga DISTRICT

BLOCK Palhanapur

Sl. No.	Name of schools	Unit cost (in Rs)	Material	Quantity	Unit cost (in Rs)	Total
1	Pvt. I	5	Syllabus	1	5	5
2	Aided. II	15	Text book	1	15	15
3		175	Teaching guides	1	175	175
4		100	Maps	1	100	100
5		90	Globe	1	90	90
6		120	Educational charts	1	120	120
7		60	Wisdom Block	1	60	60
8		300	Bird Animal puzzle	1	300	300
9		60	Toys	1	60	60
10		70	Skipping rope	1	70	70
11		70	Football	1	70	70
12		50	Volley Ball	1	50	50
13		35	Rubber ball	1	35	35
14		60	Air pump	1	60	60
15		35	Ling	1	35	35
16		400	Swing rope	1	400	400
17		300	Science kit	1	300	300
18		300	Maths Kit	1	300	300
19		100	Mini tool kit	1	100	100
20		100	Dictionaries	1	100	100
21		100	Encyclopaedia	1	100	100
22		45	Children's Book	1	45	45
23		50	Magazine	1	50	50
24		100	School Bell	1	100	100
25		100	Dholak	1	100	100
26		50	Harmonium	1	50	50
27		700	Manira	1	700	700
28		300	Furniture for Trs.	1	300	300
29		400	Boxes	1	400	400
30		500	Black Board	1	500	500
31		50	Pin-up Board	1	50	50
32		100	Chal & Duster	1	100	100
33		100	Water facility	1	100	100

Govt

Palhanapur  
Palhanapur

Palhanapur  
Palhanapur

Pidavara  
Pidavara

Thagbalku  
Thagbalku

Thagbalku  
Thagbalku

Thagbalku  
Thagbalku

Handwritten notes and calculations at the bottom of the page, including a total sum of 10000.

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Gulian DISTRICT

Sl.No.	Name of schools	Unit cost (in Rs)	Block	Material	Quantity	Cost
19	Thekkelkery KPS	5	Puthampuzha	E Syllabus	1	5
				R Text book	2	10
20	Thekkelkery W.L.P.S	15	Puthampuzha	E Teaching guides	4	60
				R Maps	1	15
21	Vadakode KPS	175	Puthampuzha	E Globe	1	175
				R Educational charts	1	175
22	Avaneswarom	100	Puthampuzha	E Wisdom Block	1	100
				R Bird Animal puzzle	1	100
23	Kariyara	300	Puthampuzha	E Toys	1	300
				R Skipping rope	1	300
24	Kariyara	60	Puthampuzha	E Football	1	60
				R Volley Ball	1	60
25	Kariyara	70	Puthampuzha	E Rubber ball	1	70
				R Air pump	1	70
26	Kariyara	35	Puthampuzha	E Ring	1	35
				R Swing rope	1	35
27	Kariyara	400	Puthampuzha	E Science kit	1	400
				R Maths kit	1	400
28	Kariyara	300	Puthampuzha	E Mini tool kit	1	300
				R Dictionaries	1	300
29	Kariyara	100	Puthampuzha	E Encyclopaedia	1	100
				R Children's Book	1	100
30	Kariyara	45	Puthampuzha	E Magazine	1	45
				R School Bell	1	45
31	Kariyara	50	Puthampuzha	E Dholak	1	50
				R Harmonium	1	50
32	Kariyara	50	Puthampuzha	E Manira	1	50
				R Furniture for Trs.	1	50
33	Kariyara	700	Puthampuzha	E Boxes	1	700
				R Black Board	1	700
34	Kariyara	400	Puthampuzha	E Pin-up Board	1	400
				R Chal & Duster	1	400
35	Kariyara	30	Puthampuzha	E Water facility	1	30
				R	1	30

Sl.No.

Govt.

Block Puthampuzha

Name of schools  
Pvt. I  
Aided. II

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APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

G.4.3. DISTRICT

BLOCK Palhamampuzha

Sl. No.	Name of schools	Material	Quantity	Unit cost (in Rs)
	Govt	Syllabus	1	5
	Govt-hps. Varamala	Text book	1	25
	Nellipalippu	Teaching guides	15	15
	W.h.p.s. Aruvilthina	Maps	175	175
	Aravyssepe	Globe	1	100
		Educational charts	90	90
		Wisdom Block	120	120
		Bird Animal puzzle	60	60
		Toys	300	300
		Skipping rope	60	60
		Football	70	70
		Volley Ball	70	70
		Rubber ball	50	50
		Air pump	35	35
		Ring	60	60
		Swing rope	35	35
		Science kit	400	400
		Maths Kit	300	300
		Mini tool kit	300	300
		Dictionaries	100	100
		Encyclopaedia	100	100
		Children's Book	..	..
		Magazine	45	45
		School Bell	50	50
		Dholak	100	100
		Harmonium	100	100
		Manira	50	50
		Furniture for Trs.	700	700
		Boxes	300	300
		Black Board	400	400
		Pin-up Board	50	50
		Chal & Duster	30	30
		Water facility	100	100
			5	5

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Quilom DISTRICT

BLOCK Pathanamthitta

Sl.No.	Name of schools	Unit cost (in Rs)	Material	Quantity	Unit Cost	Total
Aided		5	Syllabus			
		25	Text book			
		15	Teaching guides			
		175	Maps			
		100	Globe			
		90	Educational charts			
		120	Wisdom Block			
		60	Bird Animal puzzle			
		300	Toys			
		60	Skipping rope			
		70	Football			
		70	Volley Ball			
		50	Rubber ball			
		35	Air pump			
		50	Ring			
		35	Swing rope			
		400	Science kit			
		300	Maths Kit			
		300	Mini tool kit			
		100	Dictionaries			
		100	Encyclopaedia			
		..	Children's Book			
		45	Magazine			
		50	School Bell			
		100	Pholak			
		100	Harmonium			
		50	Manira			
		700	Furniture for Trs.			
		300	Boxes			
		400	Black Board			
		500	Pin-up Board			
		30	Chal & Duster			
		100	Wafer facility			
9	Meenam sv kps	4		4		4
	Pathanghy p.c			1		1
	T.V. T.H. kps	2		2		2
	Elampal			2		2
	m. T. kps	5		5		5
	Pathanamparam R	1		1		1
	st. patris kps	5		5		5
	Chempanazh kps	2		2		2
	Shaliaery Estate	5		5		5
	kps			1		1
	Shaliaery Estate			1		1

20 5 11 1969

BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN ELANJHOOR.  
BLOCK OF PATHANAMTHITTA . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN ELANJHOOR . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

ELANJHOOR . . . . . is one of the two blocks selected from PATHANAMTHITTA . . . . . District. The other block is PARADE . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . ELANJHOOR . . . . . have been selected . . . . . ELANJHOOR qualifies under the norms prescribed for selection during 1987-88. ELANJHOOR . . . . . falls in . . . . . educational district and the Block/Municipal jurisdiction covers portions of . . . . . educational sub districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . ELANJHOOR . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main componets of OB relevant to . ELANJHOOR. Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 49 . . . schools . . . . . 2 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be soon finalised. For . . . 2 . . . buildings at a unit cost of Rs. 5.20 the requirement is Rs. 104000 for . . . 16 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 80000 at a unit cost of Rs. 5000. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . 5 . . . well at a unit cost of . . . 1500, the requirement is 7500. In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent-Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 280500. adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handbook on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by Government of India in the enclosed guidelines to the D.O. letter of Sri. Y. S. Chaturvedi, Joint Secretary (Schools) (D.O. No. P1-16/87-Sch. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.



Pathanamthitta

ABSTRACT

Elanthoor.

District....	Unit Cost	No projected	Block Total	
1. Building	60000	2(1+)	104000	60000
2- Toilet	5000	16	80000	80000
3. Well	15000	5	25000	7500
Total			209000	147500
4. Syllabus	0.5	40	200	11000
5. Text books	25.00	40	1000	10000
6. Teacher's Guides	15.00	38	570	16000
7. Maps	175.00	40	7000	6000
8. Plastic Globe	100	21	2100	
9. Educational Charts	90.00	45	4050	
10. Wisdom Blocks	120.00	52	6240	
11. Bird and Animal Puzzle	60.00	52	3120	
12. Toys	300.00	52	15600	
13. Skipping Rope	60.00	48	2880	
14. Football	70.00	52	3640	
15. Volley Ball	70.00	52	3640	
16. Rubber Balls	50.00	49	2450	
17. Air pump	35.00	52	1820	
18. Ring	50.00	46	2300	
19. Swing rope with tyre	35.00	52	1820	
20. Primary Science Kit	400.00	44	17600	
21. Mini Tool Kit	300.00	46	13800	
22- Mathematics Kit	300.00	46	13800	
23. Dictionaries	100.00	34	3400	
24. Encyclopaedia	100.00	49	4900	
25. Children's Books	1600.00	38	60800	
26. Magazine	450.00	52	23400	
27. School Bell	50.00	2	100	
28. Dholak or Tabla	100.00	50	5000	
29. harmonium	500.00	50	25000	
30. Manjira	50.00	50	2500	
31. Furniture for teachers	700.00	30	21000	
32. boxes	300.00	53	15900	
33. Black Board	400.00	15	6000	
34. Pin-up board	50.00	51	2550	
35. Chalk & Duster	30.00	13	390	
36. Water facility	100.00	40	4000	147500
37. Trash Can	50.00	40	2000	220570
Total....			280570	223000
Grand Total	7215.00		209000	
			489570	

APPENDIX - I.

7

(7)

Block/Municipality. *Elanthoor*

District. *Palakkad*

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
----------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

			<i>Govt. Schools</i>	<i>Govt. Schools</i>	<i>Govt. Schools</i>	
			<i>Govt. Schools</i>	<i>Govt. Schools</i>	<i>Govt. Schools</i>	
			<i>Govt. Schools</i>	<i>Govt. Schools</i>	<i>Govt. Schools</i>	
<i>40</i>	<i>12</i>	<i>28</i>	<i>Govt. Schools</i>	<i>Govt. Schools</i>	<i>Govt. Schools</i>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Two Room Building	<i>37</i>	<i>2</i>	<i>₹ 60,000</i>	<i>₹ 120,000</i>
2.	Toilets	<i>8</i>	<i>16</i>	<i>₹ 5,000</i>	<i>₹ 80,000</i>
3.	Well/Drinking water facility	<i>7</i>	<i>5</i>	<i>₹ 5,000</i>	<i>₹ 25,000</i>
Grand Total					<i>₹ 2,09,000</i>

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

*Handwritten signature/initials*

Block	Name of schools	Unit cost (in Rs.)	Material	Quantity	Value
Kandl	Kandl	5	Syllabus	1	5
			Text book	1	5
Kandl	Kandl	15	Teaching guides	1	15
			Maps	1	15
Kandl	Kandl	175	Globe	1	175
			Educational charts	1	175
Kandl	Kandl	90	Wisdom Block	1	90
			Bird Animal puzzle	1	90
Kandl	Kandl	60	TCYS	1	60
			SKIPPING rope	1	60
Kandl	Kandl	70	Football	1	70
			Volley Ball	1	70
Kandl	Kandl	50	Rubber ball	1	50
			Air pump	1	50
Kandl	Kandl	35	Ring	1	35
			Swing rope	1	35
Kandl	Kandl	200	Science Kit	1	200
			Maths Kit	1	200
Kandl	Kandl	300	Mini tool kit	1	300
			Dictionaries	1	300
Kandl	Kandl	100	Encyclopaedia	1	100
			Children's Book	1	100
Kandl	Kandl	45	Magazine	1	45
			School Bell	1	45
Kandl	Kandl	100	Dholak	1	100
			Harmonium	1	100
Kandl	Kandl	50	Manira	1	50
			Furniture for Trs.	1	50
Kandl	Kandl	300	Boxes	1	300
			Black Board	1	300
Kandl	Kandl	100	Pin-up Board	1	100
			Chalk & Duster	1	100
Kandl	Kandl	100	Water facility	1	100
				1	100



APPENDIX - II

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

Pulhnanam

Block	Name of schools	Unit cost (in Rs)	Material	Quantity	Value
Chinnayakan	Pvt. I	5	Syllabus	1	5
	Aided. II	25	Text book	1	25
Chinnayakan	Pvt. I	15	Teaching guides	1	15
	Aided. II	175	Maps	1	175
Chinnayakan	Pvt. I	100	Globe	1	100
	Aided. II	90	Educational charts	1	90
Chinnayakan	Pvt. I	120	Wisdom Block	1	120
	Aided. II	60	Bird Animal puzzle	1	60
Chinnayakan	Pvt. I	300	Toys	1	300
	Aided. II	50	Skipping rope	1	50
Chinnayakan	Pvt. I	70	Football	1	70
	Aided. II	70	Volley Ball	1	70
Chinnayakan	Pvt. I	50	Rubber ball	1	50
	Aided. II	35	Air pump	1	35
Chinnayakan	Pvt. I	50	Ring	1	50
	Aided. II	35	Swing rope	1	35
Chinnayakan	Pvt. I	200	Science kit	1	200
	Aided. II	00	Maths kit	1	00
Chinnayakan	Pvt. I	500	Mini tool kit	1	500
	Aided. II	100	Dictionaries	1	100
Chinnayakan	Pvt. I	100	Encyclopaedia	1	100
	Aided. II	100	Children's Book	1	100
Chinnayakan	Pvt. I	15	Magazine	1	15
	Aided. II	50	School Bell	1	50
Chinnayakan	Pvt. I	100	Dholak	1	100
	Aided. II	100	Harmonium	1	100
Chinnayakan	Pvt. I	50	Manira	1	50
	Aided. II	700	Furniture for Trs.	1	700
Chinnayakan	Pvt. I	300	Boxes	1	300
	Aided. II	400	Black Board	1	400
Chinnayakan	Pvt. I	500	Pin-up Board	1	500
	Aided. II	30	Chal & Duster	1	30
Chinnayakan	Pvt. I	10	Water facility	1	10
	Aided. II	10	Water facility	1	10

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

Puthamamthi

Sl. No:

BLOCK

Karur

Unit Cost (in Rs)

Name of schools  
Pvt. I  
Aided. II

Sl. No.	Name of schools	Material	Quantity	Unit Cost (in Rs)
1	Chickal	Syllabus	1	15
2	Chickal	Text book	1	15
3	Chickal	Teaching guides	1	175
4	Chickal	Maps	1	100
5	Chickal	Globe	1	50
6	Chickal	Educational charts	1	120
7	Chickal	Wisdom Block	1	50
8	Chickal	Bird Animal puzzle	1	50
9	Chickal	Toys	1	50
10	Chickal	SKIPPING ROPE	1	50
11	Chickal	Football	1	70
12	Chickal	Volley Ball	1	70
13	Chickal	Rubber ball	1	50
14	Chickal	Air pump	1	35
15	Chickal	Ring	1	50
16	Chickal	Swing rope	1	35
17	Chickal	Science kit	1	400
18	Chickal	Maths Kit	1	300
19	Chickal	Mini tool kit	1	300
20	Chickal	Dictionaries	1	100
21	Chickal	Encyclopaedia	1	100
22	Chickal	Children's Book	1	45
23	Chickal	Magazine	1	45
24	Chickal	School Bell	1	50
25	Chickal	Dholak	1	100
26	Chickal	Harmonium	1	100
27	Chickal	Manira	1	50
28	Chickal	Furniture for Trs.	1	700
29	Chickal	Boxes	1	300
30	Chickal	Black Board	1	400
31	Chickal	Pin-up Board	1	500
32	Chickal	Chal & Duster	1	50
33	Chickal	Water Facility	1	10

Chickal

Chickal

Chickal

Chickal

Chickal

Chickal

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT Palakkad

Sl. No.	BLOCK	Name of schools Pvt. I Aided. II	Material		Unit cost (in Rs)
			Qty	Value	
1	Cheruvu		1	5	5
2	Cheruvu		1	25	25
3	Cheruvu		1	15	15
4	Cheruvu		1	175	175
5	Cheruvu		1	100	100
6	Cheruvu		1	90	90
7	Cheruvu		1	120	120
8	Cheruvu		1	60	60
9	Cheruvu		1	300	300
10	Cheruvu		1	60	60
11	Cheruvu		1	70	70
12	Cheruvu		1	70	70
13	Cheruvu		1	50	50
14	Cheruvu		1	35	35
15	Cheruvu		1	60	60
16	Cheruvu		1	35	35
17	Cheruvu		1	400	400
18	Cheruvu		1	300	300
19	Cheruvu		1	300	300
20	Cheruvu		1	100	100
21	Cheruvu		1	100	100
22	Cheruvu		1	45	45
23	Cheruvu		1	50	50
24	Cheruvu		1	100	100
25	Cheruvu		1	100	100
26	Cheruvu		1	50	50
27	Cheruvu		1	200	200
28	Cheruvu		1	500	500
29	Cheruvu		1	100	100
30	Cheruvu		1	100	100
31	Cheruvu		1	100	100
32	Cheruvu		1	100	100
33	Cheruvu		1	100	100
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35	Cheruvu		1	100	100
36	Cheruvu		1	100	100
37	Cheruvu		1	100	100
38	Cheruvu		1	100	100
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86	Cheruvu		1	100	100
87	Cheruvu		1	100	100
88	Cheruvu		1	100	100
89	Cheruvu		1	100	100
90	Cheruvu		1	100	100
91	Cheruvu		1	100	100
92	Cheruvu		1	100	100
93	Cheruvu		1	100	100
94	Cheruvu		1	100	100
95	Cheruvu		1	100	100
96	Cheruvu		1	100	100
97	Cheruvu		1	100	100
98	Cheruvu		1	100	100
99	Cheruvu		1	100	100
100	Cheruvu		1	100	100

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Palthana taluka

DISTRICT

Palthana BLOCK

MS 228

NDK 25

Name of schools  
Pvt. I  
Aided. II

Palthana  
Keshikals  
Vajalikhali  
Pulkerped  
Dandhar

Sl. No.	Name of schools	Material	Quantity	Estimated cost (in Rs)
1	Pvt. I	Syllabus	1	5
2	Pvt. I	Text books	1	5
3	Aided. II	Teaching guides	1	175
4	Aided. II	Gloves	1	10
5	Aided. II	Vocational ch	1	30
6	Aided. II	Wisdom Block	1	120
7	Aided. II	Bird Animal puzzle	1	50
8	Aided. II	Toys	1	0
9	Aided. II	Skipping rope	1	0
10	Aided. II	Football	1	70
11	Aided. II	Volley Ball	1	70
12	Aided. II	Rubber ball	1	30
13	Aided. II	Air pump	1	5
14	Aided. II	Ring	1	5
15	Aided. II	Swing rope	1	35
16	Aided. II	Science kit	1	400
17	Aided. II	Maths Kit	1	300
18	Aided. II	Mini tool kit	1	300
19	Aided. II	Dictionaries	1	100
20	Aided. II	Encyclopaedia	1	100
21	Aided. II	Children's Book	1	0
22	Aided. II	Magazine	1	45
23	Aided. II	School Bell	1	50
24	Aided. II	Cholak	1	100
25	Aided. II	Harmonium	1	100
26	Aided. II	Tanira	1	50
27	Aided. II	Furniture for Trs.	1	700
28	Aided. II	Boxes	1	300
29	Aided. II	Black Board	1	400
30	Aided. II	Pin-up Board	1	50
31	Aided. II	Chal & Duster	1	30
32	Aided. II	facility	1	100





**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN PARACODE . . .  
BLOCK OF RATHANAMTHITTA . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . PARACODE . . . . . BLOCK / MUNICIPALITY / CORPORATION.

Paracode . . . . . is one of the two blocks selected from Rathanamthitta . . . . . District. The other Block is Elanthur . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . Paracode . . . . . have been selected . . . . . Paracode qualifies under the norms prescribed for selection during 1987-'88 . . . . . Paracode . . . . . falls in Rathanamthitta . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

(Contd. . . . 2)

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In Paravade . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main componets of OB relevant to Paravade Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 37 . . . schools . . . 18 . . . schools require additional buildings of two rooms with the varandha and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For . . . 12 buildings at a unit cost of Rs. 60,000. the requirement is Rs. . . . 7,20,000 for . . . 37 toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . 1,85,000 at a unit cost of Rs. . . . 5000. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . 4 . . . well at a unit cost of . . . 1500 . . . the requirement is . . . 6,000 . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the R.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and tickets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 373925. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd....)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y. B. Chaturvedi, Joint Secretary (Schools) (D.O. No. F1-16/87-Sch. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

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PARAKODE

ABSTRACT

Pathanamthitta

District....	Unit Cost	No projected	Block total	
1. Building	60000	18 (12+6)	936 000	720000
2- Toilet	5000	37	185 000	185000
3. Well	15000	4	20 000	6000
Total			1141 000	911000
4. Syllabus	0.5	33	165	Ind. price
5. Text books	25.00	49	1225	6560000
6. Teacher's Guides	15.00	56	840	360000
7. Maps	175.00	39	6825	
8. Plastic Globe	100	27	2700	
9. Educational Charts	90.00	55	4950	
10. Wisdom Blocks	120.00	67	5640	
11. Bird and Animal Puzzle	60.00	67	4020	
12. Toys	300.00	67	20100	
13. Skipping Rope	60.00	50	3000	
14. Football	70.00	67	4690	
15. Volley Ball	70.00	67	4690	
16. Rubber Balls	50.00	65	3250	
17. Air pump	35.00	67	2345	
18. Ring	50.00	59	2950	
19. Swing rope with tyre	35.00	67	2345	
20. Primary Science Kit	400.00	60	24000	
20 Mini Tool Kit	300.00	60	18000	
22- Mathematics Kit	300.00	60	18000	
23. Dictionaries	100.00	31	3100	
24. Encyclopaedia	100.00	58	5800	
25. Children's Books	1600.00	34	54400	
26. Magazine	450.00	63	28350	
27. School Bell	50.00	5	250	
28. Dholak or Tabla	100.00	61	6100	
29. harmonium	500.00	61	30500	
30. Manjira	50.00	61	3050	
31. Furniture for teachers	700.00	103	72100	
32. boxes	300.00	67	20100	
33. Black Board	400.00	28	11200	
34. Pin-up board	50.00	61	1800	
35. Chalk & Duster	30.00	113	3390	
36. Water facility	100.00	39	3900	
37. Trash Can	50.00	39	1950	
Total....			373925	911000
Grand Total	7215.00		1141000	373925
			1544925	1286925

APPENDIX - I.

Block/Municipality. KARAKODE

District. PATTANATHUR

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
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39

33

6

- 1. G.P. Arjodekad North
- 2. L.P. Madamkalam
- 21. Nectumankavu
- 24. V.P. Kalamangal
- 25. V.P. Vayal
- 28. East L.P. Nectumankavu

- 16. Chankkappathy (1)
- 17. Adar (1)
- 18. Edathutha (1)
- 19. S.P.S. Enathu (2)
- 20. V.P. Elangumangalam (1)
- 21. G.P. Nectumankavu (1)
- 22. Panniyathu (1)
- 23. Pathissery Bhujam (1)
- 24. V.P. Kalanjey (1)
- 25. V.P. Vayal (1)
- 26. Chermkottu (1)
- 28. V.P. Nectumankavu East (1)
- 30. Koodal (1)
- 31. Koodal (2)
- 32. G.P. Kalamangal (1)
- 33. Attimankal (1)

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Two Room Building	104	18	12 x 62,000	936,000
2.	Toilets	29	37	37 x 5,000	1,850,000
3.	Well/drinking water facility	29	4	4 x 15,000	20,000
Grand Total					1141,000

APPENDIX - I.

Block/Municipality. *PANAKKOR*

8

District.

*P. Kottayam*

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)	
39	33	6	1. <i>Govt. Panakkor</i> 2. <i>Govt. Panakkor</i> 3. <i>Govt. Panakkor East</i> 4. <i>Govt. Nedum</i> 5. <i>Govt. Ananthakuliyar</i> 6. <i>Govt. Thuvayor</i> 7. <i>Govt. Adoor</i> 8. <i>Govt. K. Jathuman</i> 9. <i>Govt. Koodal</i> 10. <i>Govt. Koodal</i> 11. <i>Govt. Koodal</i> 12. <i>Govt. Koodal</i> 13. <i>Govt. Koodal</i> 14. <i>Govt. Koodal</i> 15. <i>Govt. Koodal</i>	1. <i>Govt. Panakkor (1)</i> 2. <i>Govt. Panakkor (1)</i> 3. <i>Govt. Panakkor (1)</i> 4. <i>Govt. Panakkor (1)</i> 5. <i>Govt. Panakkor (1)</i> 6. <i>Govt. Panakkor (1)</i> 7. <i>Govt. Panakkor (1)</i> 8. <i>Govt. Panakkor (1)</i> 9. <i>Govt. Panakkor (1)</i> 10. <i>Govt. Panakkor (1)</i> 11. <i>Govt. Panakkor (1)</i> 12. <i>Govt. Panakkor (1)</i> 13. <i>Govt. Panakkor (1)</i> 14. <i>Govt. Panakkor (1)</i> 15. <i>Govt. Panakkor (1)</i>	1. <i>Govt. Panakkor (1)</i> 2. <i>Govt. Panakkor (1)</i> 3. <i>Govt. Panakkor (1)</i> 4. <i>Govt. Panakkor (1)</i> 5. <i>Govt. Panakkor (1)</i> 6. <i>Govt. Panakkor (1)</i> 7. <i>Govt. Panakkor (1)</i> 8. <i>Govt. Panakkor (1)</i> 9. <i>Govt. Panakkor (1)</i> 10. <i>Govt. Panakkor (1)</i> 11. <i>Govt. Panakkor (1)</i> 12. <i>Govt. Panakkor (1)</i> 13. <i>Govt. Panakkor (1)</i> 14. <i>Govt. Panakkor (1)</i> 15. <i>Govt. Panakkor (1)</i>	1. <i>Govt. Panakkor (1)</i> 2. <i>Govt. Panakkor (1)</i> 3. <i>Govt. Panakkor (1)</i> 4. <i>Govt. Panakkor (1)</i> 5. <i>Govt. Panakkor (1)</i> 6. <i>Govt. Panakkor (1)</i> 7. <i>Govt. Panakkor (1)</i> 8. <i>Govt. Panakkor (1)</i> 9. <i>Govt. Panakkor (1)</i> 10. <i>Govt. Panakkor (1)</i> 11. <i>Govt. Panakkor (1)</i> 12. <i>Govt. Panakkor (1)</i> 13. <i>Govt. Panakkor (1)</i> 14. <i>Govt. Panakkor (1)</i> 15. <i>Govt. Panakkor (1)</i>	

*2/2/2015*

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost
1.	Two head Dr. H.			52,000	
2.	Toilets			5,000	
3.	Well/drinking water facility			5,000	

Grand Total



APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

BLOCK

ParaCode.

DISTRICT

Palharani Taluka

Sl. No.	Name of schools	Material	Quantity	Unit cost (in Rs)
1	W.L.P.S. Paracode	Syllabus	1	5
		Text book	1	15
2	L.P.S. Angachikar	Teaching guides	1	15
		Maps	1	175
3	L.P.S. Kammalata	Globe	1	100
		Educational charts	1	90
4	L.P.S. Paracode	Wisdom Block	1	120
		Bird Animal puzzle	1	50
5	L.P.S. Kodumon	Toys	1	200
		Skipping rope	1	60
6	L.P.S. Pannivizha	Football	1	70
		Volley Ball	1	70
7	L.P.S. Paracode	Rubber ball	1	50
		Air pump	1	35
8	L.P.S. Angachikar	Ping	1	50
		Swing rope	1	35
9	L.P.S. Kammalata	Science kit	1	200
		Maths kit	1	200
10	L.P.S. Paracode	Hand tool kit	1	200
		Dictionary	1	100
11	L.P.S. Kodumon	Encyclopaedia	1	100
		Children's Book	1	5
12	L.P.S. Pannivizha	Magazine	1	5
		School Bell	1	20
13	L.P.S. Paracode	Dholak	1	200
		Harmonium	1	100
14	L.P.S. Angachikar	Manira	1	50
		Furniture for Trs.	1	100
15	L.P.S. Kammalata	Boxes	1	500
		Black Board	1	400
16	L.P.S. Paracode	Pin-up Board	1	50
		Chal & Duster	1	30
17	L.P.S. Kodumon	Water facility	1	100

East

East

**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

*Palhānānthiā*  
DISTRICT

Paracode	BLOCK	Name of schools	Unit cost (in Rs)	Materials	Quantity	Cost
S.C.V.L.P.S.		Kodimoon	5	Syllabus	1	5
L.P.S.		Khangamungalam	50	Text book	1	50
L.P.S.		Ezhankulam	50	Teaching guides	1	50
L.P.S.		Nedhamon.	70	Globe	1	70
L.P.S.		Elamannor.	30	Educational charts	1	30
L.P.S.		Arankulamigara	50	Wisdom Block	1	50
			50	Bird Animal puzzle	1	50
			50	Toys	1	50
			50	SKIPPING rope	1	50
			70	Football	1	70
			70	Volley Ball	1	70
			50	Rubber ball	1	50
			35	Air pump	1	35
			50	King	1	50
			15	Swing rope	1	15
			400	Science kit	1	400
			300	Maths Kit	1	300
			300	Mini tool kit	1	300
			200	Dictionaries	1	200
			100	Encyclopaedia	1	100
				Children's Book	1	
			35	Magazine	1	35
			50	School Bell	1	50
			100	Dholak	1	100
			100	Harmonium	1	100
			50	Manira	1	50
			700	Furniture for Trs.	1	700
			300	Boxes	1	300
			100	Black Board	1	100
			500	Pin-up Board	1	500
			30	Chal & Duster	1	30
			30	Water Facility	1	30





APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

Sl. No.	Block	Name of schools	Unit cost (in Rs)
1	L.P.S. Vayala	Pvt. I	25
2	L.P.S. Chooralede	Aided. II	15
3	S.K.V. L.P.S. Padam		175
4	L.P.S. Nedhankavu EST.		100
5	L.P.S. Kulathumkur		90
6	L.P.S. Kordal Jm		120
7			60
8			300
9			60
10			70
11			70
12			50
13			35
14			50
15			35
16			400
17			100
18			500
19			10
20			100
21			45
22			50
23			100
24			100
25			50
26			700
27			800
28			400
29			500
30			30
31			100
32			50
33			700
34			800
35			400
36			500
37			30
38			100
39			50
40			700
41			800
42			400
43			500
44			30
45			100
46			50
47			700
48			800
49			400
50			500
51			30
52			100
53			50
54			700
55			800
56			400
57			500
58			30
59			100
60			50
61			700
62			800
63			400
64			500
65			30
66			100
67			50
68			700
69			800
70			400
71			500
72			30
73			100
74			50
75			700
76			800
77			400
78			500
79			30
80			100
81			50
82			700
83			800
84			400
85			500
86			30
87			100
88			50
89			700
90			800
91			400
92			500
93			30
94			100
95			50
96			700
97			800
98			400
99			500
100			30

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APPENDIX - III

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

Block	Name of schools	Material	Qty	Rate	Total Cost (in Rs.)
L.P.S. Koodal	E	Syllabus	1	5	5
	R	Text book	20	15	300
L.P.S. Katenjoor	E	Teaching guides	1	75	75
	R	Maps	20	20	400
L.P.S. Althimunkal	E	Globe	1	90	90
	R	Educational charts	20	20	400
S.K.V.H.P.S. Pethipara	E	Wisdom Block	1	60	60
	R	Bird Animal puzzle	20	300	6000
M.S.E.L.P.S. Eghamkulam	E	Toys	1	60	60
	R	Skipping rope	20	70	1400
N.S.L.P.S. Paracode	E	Football	1	70	70
	R	Volley Ball	20	50	1000
L.P.S. Koodal	E	Rubber ball	1	35	35
	R	Air pump	20	400	8000
L.P.S. Katenjoor	E	Ring	1	300	300
	R	Swing rope	20	300	6000
L.P.S. Althimunkal	E	Science kit	1	10	10
	R	Maths Kit	20	100	2000
S.K.V.H.P.S. Pethipara	E	Mini tool kit	1	10	10
	R	Dictionaries	20	100	2000
M.S.E.L.P.S. Eghamkulam	E	Encyclopaedia	1	100	100
	R	Children's Book	20	45	900
N.S.L.P.S. Paracode	E	Magazine	1	50	50
	R	School Bell	20	100	2000
L.P.S. Koodal	E	Dholak	1	100	100
	R	Harmonium	20	50	1000
L.P.S. Katenjoor	E	Manira	1	700	700
	R	Furniture for Trs.	20	300	6000
L.P.S. Althimunkal	E	Boxes	1	400	400
	R	Black Board	20	50	1000
S.K.V.H.P.S. Pethipara	E	Fin-up Board	1	50	50
	R	Chal & Duster	20	30	600
M.S.E.L.P.S. Eghamkulam	E	Water facility	1	100	100
	R		20	100	2000

*Handwritten signature/initials*

APPENDIX - II

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

*P.H.*

BLOCK *XX*

Unit cost (in Rs)	Name of schools Pr. I Pr. II	Material	Quantity	Rate	Total
5		Syllabus	1	5	5
25		Text book	1	25	25
15		Teaching guides	1	15	15
175		Maps	1	175	175
100		Globe	1	100	100
90		Educational charts	1	90	90
120		Wisdom Block	1	120	120
60		Bird Animal puzzle	1	60	60
300		Toys	1	300	300
60		Skipping rope	1	60	60
70		Football	1	70	70
70		Volley Ball	1	70	70
50		Rubber ball	1	50	50
35		Air pump	1	35	35
50		Ring	1	50	50
35		Swing rope	1	35	35
400		Science kit	1	400	400
300		Maths Kit	1	300	300
300		Mini tool kit	1	300	300
100		Dictionaries	1	100	100
100		Encyclopaedia	1	100	100
..		Children's Book	..	..	..
45		Magazine	1	45	45
50		School Bell	1	50	50
100		Dholak	1	100	100
100		Harmonium	1	100	100
50		Manira	1	50	50
700		Furniture for Trs.	1	700	700
300		Boxes	1	300	300
400		Black Board	1	400	400
500		Pin-up Board	1	500	500
30		Chal & Duster	1	30	30
100		Water Facility	1	100	100
50			1	50	50

N.S.S. L.P.S. Adoor.

St. Brocardo L.P.S. Koonim.

P.V. L.P.S. Adoor.

**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN [REDACTED] BLOCK OF [REDACTED] DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc; and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN [REDACTED] BLOCK/MUNICIPALITY/CORPORATION.

[REDACTED] is one of the two blocks selected from [REDACTED] District. The other block is [REDACTED]. Besides, Municipal town of [REDACTED] and Corporation/Municipality of [REDACTED] have been selected. [REDACTED] qualifies under the norms prescribed for selection during 1987-88. [REDACTED] falls in [REDACTED] Educational District and the Block/Municipal jurisdiction covers portions of [REDACTED] educational Sub Districts.

(contd....2)



The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

#### Part I- Provision of Second Teacher.

In . . . Pattanakkad . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

#### PART -II

Two main componets of OB relevant to Pattanakkad Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 20 . . . schools . . . 3 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 2 . . . buildings at a unit cost of Rs. 60,000, the requirement is Rs. 1,20,000. For . . . 4 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 20,000 . . . at a unit cost of Rs. 5,000. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . one . . . well at a unit cost of . . . 15,000 . . ., the requirement is . . . 15,000 . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . 3)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 303800 . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II

(contd.:4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y. B. Chaturvedi, Joint Secretary (Schools) (D.O. No. P1-16/87-Sch. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on, to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

ALLCPCY

**ABSTRACT**

PATTANAKKAD.

District.....	Unit Cost	No projected	Block Total.....	
1. Building	50,000	3 (24)	1,50,000	120000
2- Toilet	5,000	4	20,000	20000
3. Well	15,000	1	15,000	1500
<b>Total</b>			<u>181,000</u>	<u>141500</u>
4. Syllabus	0.5	15	75	
5. Text books	25.00	26	650	4 prioul
6. Teacher's Guides	15.00	39	585	2 x 6000
7. Maps	175.00	46	8050	<u>60000</u>
8. Plastic Globe	100.00	24	2400	
9. Educational Charts	90.00	34	3060	
10. Wisdom Blocks	120.00	47	5640	
11. Bird and Animal Puzzle	60.00	47	2820	
12. Toys	300.00	47	14100	
13. Skipping Rope	60.00	34	2040	
14 Football	70.00	40	2800	
15. Volley Ball	70.00	45	3150	
16. Rubber Balls	50.00	44	2200	
17. Air pump	35.00	41	1435	
18. Ring	50.00	34	1700	
19. Swing rope with tyre	35.00	47	1645	
20. Primary Science Kit	400.00	41	16400	
20 Mini Tool Kit	300.00	47	14100	
22- Mathematics Kit	300.00	47	14100	
23. Dictionaries	100.00	20	2000	
24. Encyclopaedia	100.00	44	4400	
25. Children's Books	1600.00	47	75200	
26. Magazine	450.00	47	21150	
27. School Bell	50.00	5	250	
28. Dholak or Tabla	100.00	47	4700	
29. harmonium	500.00	46	23000	
30. Manjira	50.00	47	2350	
31. Furniture for teachers	700.00	77	32900	
32. boxes	300.00	47	14100	
33. Black Board	400.00	45	18000	
34. Pin-up board	50.00	47	2350	
35. Chalk & Duster	30.00	228	6840	141500
36. Water facility	100.00	26	2600	<u>303860</u>
37. Trash Can	50.00	26	1300	<u>141500</u>
<b>Total.....</b>			<u>303860</u>	<u>445360</u>
<b>Grand Total</b>	<u>7215.00</u>		<u>181000</u>	
			<u>484800</u>	

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. S.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
26	15	11	<p><u>First Priority</u></p> <p>Shia U.L. Islam L.P.S. Arroot                      Arroot Fishery L.P.S.</p> <p><u>Second Priority</u></p> <p>Valamangalam North C.P.S.</p>	<p>NS.L.P.S. Ennamalor-1                      L.P.S. Kodamthumuthi                      L.P.S. Parayalced - 1                      L.P.S.S. Palhamalced-1</p>	Vayalar B.V.L.P.S.	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OR Norms.	Unit cost	Total cost	
1.	Two Room Building	48	3	52,000	156,000	
2.	Well/Drinking Water Facility	28	4	5,000	20,000	
		14	1	5,000	5,000	
Grand Total					181,000	141,500



Pallanamal

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

A. P. District

Sl. No. 7, 8, 9, 10, 11, 12

Sl. No.	Name of schools	Type	BLOCK		Net cost (in Rs)
			I	II	
7	T.D.C.Ps. Thuvavod	E	1	1	5
8	Valamangalam Vudho LPS	R	2	2	15
9	Arsoor. Pishay C.P.S.	E	1	1	175
10	Kadakkara Pilly C.P.S.	R	2	2	100
11	Komattussery LPS	E	1	1	90
12	Kollaram LPS	R	1	1	120

Material	7	8	9	10	11	12
Syllabus	1	1	1	1	1	1
Text book	1	1	1	1	1	1
Teaching guides	1	1	1	1	1	1
Maps	1	1	1	1	1	1
Globe	1	1	1	1	1	1
Educational charts	1	1	1	1	1	1
Wisdom Block	1	1	1	1	1	1
Bird Animal puzzle	1	1	1	1	1	1
Toys	1	1	1	1	1	1
SKIPPING rope	1	1	1	1	1	1
Football	1	1	1	1	1	1
Volley Ball	1	1	1	1	1	1
Rubber ball	1	1	1	1	1	1
Air pump	1	1	1	1	1	1
Ring	1	1	1	1	1	1
Swing rope	1	1	1	1	1	1
Science kit	1	1	1	1	1	1
Maths kit	1	1	1	1	1	1
Mini tool kit	1	1	1	1	1	1
Dictionaries	1	1	1	1	1	1
Encyclopaedia	1	1	1	1	1	1
Children's Book	1	1	1	1	1	1
Magazine	1	1	1	1	1	1
School Bell	1	1	1	1	1	1
Dholak	1	1	1	1	1	1
Harmonium	1	1	1	1	1	1
Manira	1	1	1	1	1	1
Furniture for Trs.	1	1	1	1	1	1
Boxes	1	1	1	1	1	1
Black Board	1	1	1	1	1	1
Pin-up Board	1	1	1	1	1	1
Chal & Duster	1	1	1	1	1	1
Water facility	1	1	1	1	1	1







*Yamun*

*H. K. Prasad*

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

BLOCK

Sl. No.	Name of schools Pvt. I Aided. II	Syllabus	Unit cost (in Rs)		Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubbler ball	Air pump	Ring	Swing rope	Gedasee kit	Maths Kit	Mini tool kit	Millionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility			
			5	25																																			
22	St. Thomas LPS. Falls Road	E	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
3	Azeelcal B.B. M-LPS.	E	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
24	L.P.P.L.P.S. Vaglav	E	3	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	Uzhome St. Joseph LPS.	E	12	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	St. Joseph LPS. Off. Ganga Sagar	E	9	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Grand Total	R	2	2	15	8	8	8	19	19	19	10	18	17	17	15	16	9	19	19	16	19	19	19	1	19	19	19	31	19	16	19	110	110	110	110	110	110	

15 26 39 46 24 34

**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN V. ELIYANAD .  
BLOCK OF . . . ALLEPPEY . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . V. ELIYANAD . . . BLOCK / MUNICIPALITY / CORPORATION.

. . . V. ELIYANAD . . . is one of the two blocks selected from . . . ALLEPPEY . . . District. The other block is . . . PATTANAKKAD . . . Besides, Municipal town of . . . ALLEPPEY . . . and Corporation/Municipality of . . . V. ELIYANAD . . . have been selected . . . V. ELIYANAD . . . qualifies under the norms prescribed for selection during 1987-88. V. ELIYANAD . . . falls in . . . ALLEPPEY . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . educational Sub Districts.

(contd. . . . 2)

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

#### Part I- Provision of Second Teacher.

In . . . V.ELIYANADU . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

#### PART - II

Two main components of OB relevant to V.ELIYANADU Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 23 . . . schools . . . . . 2 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 2 . . . buildings at a unit cost of Rs. 5,000.00. the requirement is Rs. 1,00,000.00. For . . . 11 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . 55,000.00 at a unit cost of Rs. 5,000.00. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . 1.2 . . . well at a unit cost of 1,50,000.00 . . . . ., the requirement is . . . 1,80,000.00. In other cases Managers will be made to make up for deficiencies, if any.

(contd. .... 30)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 252500 . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by Government of India in the enclosed guidelines to the D.O. letter of Sri.Y.B. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

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Alleppey.

ABSTRACT

Velliyanaad.

District....	Unit Cost	No projected	Block total.....	
1. Building	60,000	2 (Nil+2)	104000	-
2- Toilet	5,000	11	55000	55000
3. Well	15,000	12	60000	18000
Total			219000	73000
4. Syllabus	0.5	17	85	
5. Text books	25.00	32	800	2nd print
6. Teacher's Guides	15.00	27	405	2x60000
7. Maps	175.00	40	7000	120000/-
8. Plastic Globe	100	24	2400	
9. Educational Charts	90.00	32	2880	
10. Wisdom Blocks	120.00	43	5160	
11. Bird and Animal Puzzle	60.00	43	2580	
12. Toys	300.00	43	12900	
13. Skipping Rope	60.00	39	2340	
Football	70.00	43	3010	
15. Volley Ball	70.00	43	3010	
16. Rubber Balls	50.00	42	2100	
17. Air pump	35.00	43	1435	
18. Ring	50.00	39	1950	
19. Swing rope with tyre	35.00	43	1505	
20. Primary Science Kit	400.00	43	17200	
20 Mini Tool Kit	300.00	43	12900	
22- Mathematics Kit	300.00	43	12900	
23. Dictionaries	100.00	34	3400	
24. Encyclopaedia	100.00	38	3800	
25. Children's Books	1600.00	41	65600	
26. Magazine	450.00	43	19350	
27. School Bell	50.00	8	400	
28. Dholak or Tabla	100.00	43	4300	
29. harmonium	500.00	43	21500	
30. Manjira	50.00	43	2150	
31. Furniture for teachers	700.00	18	12600	
32. boxes	300.00	43	12900	
33. Black Board	400.00	10	4000	
34. Pin-up board	50.00	38	1900	
35. Chalk & Duster	30.00	153	4590	73000
36. Water facility	100.00	23	2300	252500
37. Trash Can	50.00	23	1150	325500
Total.....				
Grand Total	7215.00		252500	
			219000	
			471500	

Total number of Independent Primary Schools (IP) in the Block/ Municipality. (1)	No. of Govt. S.P. Schools. (2)	No. of Aided S.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. Schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
23	14	9	<p>First priority - nil.</p> <p>Second priority.</p> <p>(1) GLPS Milthrakary East Mutan.</p> <p>(2) GLPS Milthrakary West</p>	<p>(1) GLPS Moncombu (1)</p> <p>(2) GLPS Pulimcummu</p> <p>(3) GRV LPS Era (1)</p> <p>(4) GLPS. Kavalam (1)</p> <p>(5) GLPS, Neelamperoor (1)</p> <p>(6) GLPS Veliyanad North (1)</p> <p><del>(7) GLPS Ramanthakary (1)</del></p> <p>7. LPBS Veliyanad South (1)</p> <p>8) LPBS Veliyanad <sup>Kumarakary</sup> (1)</p> <p>9) GLPS <del>Kumarakary</del> (1)</p> <p>10. GLPS Kunnamkary (1)</p>	<p>GLPS Moncompu.</p> <p>" Pulimcummu.</p> <p>" Milthrakary West</p> <p>" Kavalam</p> <p>" Neelamperoor</p> <p>" Veliyanad North</p> <p>" Kumarakary</p> <p>" <del>Ramanthakary</del></p> <p>LPBS Veliyanad South</p> <p>GLPS Vazhappra</p> <p>" Kumarakary</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require-ment as per OB Norms.	Unit cost	Total cost.
1.	Room Building	53	2	nil x 60,000	104000
2.	Well	17	11	11 x 5,000	55000
3.	Well, drinking water facility	2	12	12 x 15,000	180000
Grand Total					<p>73000</p> <hr/> <p>219000</p>







APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

D11e/p/4

DISTRICT

Veliyanad BLOCK

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	TOYS	SKIPPING rope	60	300	60	70	70	50	35	400	300	300	100	100	100	50	700	300	400	500	30	100	
13	Government GLPS Vazhappara	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Government GLPS Kummanikay	25 15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	Pvt. Aided																																
15	P.J.J.M. LPS Kainady		7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	1	2	2	2	2	2	
16	St. Anthony's LPS, Chennankary		10	16	8	-	-	15	-	-	40	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	10	2	2	2	10	10	
	Total		9	27	27	27	14	23	27	27	27	27	27	27	27	27	27	27	27	27	27	27	25	25	27	5	27	27	27	14	27	27	27



(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

12/11/2024

DISTRICT

Veliyanad BLOCK

Sl.No:

Sl.No	Name of schools	Unit cost (in Rs)	Material	Quantity	Total Cost
1	Pvt. aided	5	Syllabus	1	5
2	Pvt. I	25	Text book	1	25
3	Aided. II	15	Teaching guides	1	15
4		175	Maps	2	350
5		100	Globe	1	100
6		90	Educational charts	1	90
7		120	Wisdom Block	2	240
8		60	Bird Animal puzzle	2	120
9		300	Toys	2	600
10		60	Skipping rope	2	120
11		70	Football	2	140
12		70	Volley Ball	2	140
13		50	Rubber ball	2	100
14		35	Air pump	2	70
15		50	Ring	2	100
16		35	Swing rope	2	70
17		400	Science kit	2	800
18		300	Maths Kit	2	600
19		300	Mini tool kit	2	600
20		100	Dictionaries	1	100
21		100	Encyclopaedia	2	200
22		..	Children's Book	2	..
23		45	Magazine	2	90
24		50	School Bell	1	50
25		100	Dholak	2	200
26		100	Harmonium	2	200
27		50	Manira	2	100
28		700	Furniture for Trs.	1	700
29		300	Boxes	2	600
30		400	Black Board	1	400
31		500	Pin-up Board	2	1000
32		30	Chal & Duster	6	180
33		100	Water facility	2	200
34		..	h n	2	..

23

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Aided total

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BLOCK

PROJECT REPORT FOR OPERATION BLACK BOARD IN VAIKOM . . .  
BLOCK OF KOTTAYAM . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep varandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN VAIKOM . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

*Vaikom* is one of the two blocks selected from *Kottayam* District. The other Block is *Beary*. Besides, Municipal town of *Kottayam* and Corporation/Municipality of *Vaikom* have been selected. *Vaikom* qualifies under the norms prescribed for selection during 1987-88. *Vaikom* falls in *Kottayam* Educational District and the Block/Municipal jurisdiction covers portions of *Kottayam* educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the profórma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART -II

Two main componets of OB relevant to . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. . . . . the requirement is Rs. . . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . . at a unit cost of Rs. . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . . ., the requirement is . . . . . In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development officer simultaneously. The Construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 1,45,00,000. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II

(contd...4)



Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by Government of India in the enclosed guidelines to the D.O. letter of Sri. Y. S. Chaturvedi, Joint Secretary (Schools) (D.O.No.P1-16/87-Sch. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

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VAIKOM

~~ABSTRACT~~

Kottayam.

District....	Unit Cost	No projected	Block total	
Building	60000	6(3+3)	312000	180000
Toilet	5000	15	75000	75000
Well	15000	1	5000	1500
Total			3,92,000	256500
Syllabus	0.5	21	105	
Text books	25.00	27	675	
Teacher's Guides	15.00	32	480	
Maps → maps	175.00	43	7525	
Plastic Globe		27	2700	
Educational Charts	100.00	34	3060	
Wisdom Blocks	90.00	43	5160	
Bird and Animal Puzzle	120.00	42	2520	
Toys - Toys	60.00	43	12900	
Skipping Rope	300.00	42	2520	
tball → Football	60.00	42	2940	
Volley Ball	70.00	42	2940	
Rubber Balls	50.00	42	2100	
Air pump	35.00	43	1505	
Ring	50.00	43	2150	
Swing rope with tyre	35.00	43	1505	
Primary Science Kit	400.00	21	8400	
Mini Tool Kit	300.00	43	12900	
Mathematics Kit	300.00	43	12900	
Dictionaries	100.00	30	3000	
Encyclopaedia	100.00	42	4200	
Children's Books	1600.00	39	62400	
Magazine	450.00	43	19350	
School Bell	50.00	3	150	
Dholak or Tabla	100.00	43	4300	
harmonium	500.00	43	21500	
Manjira	50.00	43	2150	
Furniture for teachers	700.00	162	43400	
boxes	300.00	176	52800	
Black Board	400.00	7	2800	
Pin-up board	50.00	176	8800	
Chalk & Duster	30.00	67	2010	
Water facility	100.00	25	2500	
Trash Can	50.00	25	1250	
Total....			315595	
Grand Total	7215.00		392000	7.08 lacs

7.07595

APPENDIX - I.

Block/Municipality.

District.

Total number of Independent Primary Schools (LP) in the Block/ Municipality.	No. of Govt. U.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

12 Govt. U.P. Schools  
Vodumara 1  
13 Govt. U.P. Schools  
Vodumara 1

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
	Room Building			52,000	
				5,000	
	Well/drinking water facility			5,000	

Grand Total

APPENDIX - I.

Vaikom Block/Municipality.

District. Kottayam

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. I.P. Schools. (2)	No. of Aided I.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
25	13	12	1. Pelasserybhagam Vaikom 2. Govt. L.P.S. T.V. Puram 3. Govt. L.P.S. Kulasekharanmangalam (Vozhikad) 4. Govt. L.P.S. Kulasekharanmangalam 5. Govt. L.P.S. Padinjarehara 6. Govt. Higher secondary school. P.S. Vozhikad	1. Govt. L.P.S. Edavattom 2. Govt. L.P.S. Orampuzha-2 3. Govt. L.P.S. Kethuvana 4. Govt. L.P.S. Kethuvana 5. Govt. L.P.S. Ner Kadavu 6. Govt. L.P.S. Padinjarehara 7. Govt. L.P.S. P. Vaikom 8. Govt. L.P.S. Thottakom 9. Govt. L.P.S. T.V. Puram 10. Govt. L.P.S. Ullala 11. Govt. L.P.S. Vaikom	Govt. L.P.S. P. Vaikom	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Class rooms		6	3 x 60,000	312,000
2.	Toilets		15	15 x 5,000	75,000
3.	Well/drinking water facility		1	1 x 15,000	15,000
Grand Total					392,000
					180,000
					75,000
					15,000
					<u>256,500</u>

Vankam

APPEN DIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Sl. No.	Name of schools Govt. I Aided. II	District															Total																					
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring		Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up. Board	Chal & duster	Water facility	Trash Can		
Unit cost (in Rs.)		5	25	15	15	10	10	10	20	60	30	60	70	70	50	35	50	35	400	300	300	100	100	450	50	100	50	50	70	30	005	30	10	50				
1	PS Elavattam	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
2	PS Jampylikana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
3	PS Kattavanna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
4	PS Kattasankaranayal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
5	PS Nerekadavu Narayampuram	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
6	PS Padinjavelam	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
7	PS Datasayalingam Vallam	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
8	PS Thottalam	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		11	11	11	11	10	9	15	12	12	13	13	13	12	12	12	12	12	12	13	13	13	13	9	12	12	13	13	16	17	16	17	30					



(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Sl. No.	Name of schools Govt. I Aided. II	Syllabus	District																	50																	
			5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	400		300	300	100	100	100	450	50	100	50	50	70	300	05	300	05		
		Unit cost (in Rs.)	5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	400	300	300	100	100	100	450	50	100	50	50	70	300	05	300	05			
		Syllabus	17	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Pholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash Can	
M. L. P. S. Changan	E	2	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mary's P. S. Changan	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
St. Ann's P. S. Changan	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Francis Xavier P. S. Kothuvaram	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
M. L. P. S. Marayankulam	E	1	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M. L. P. S. Moolamattom	E	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Joseph P. S. Kothuvaram	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
S. M. S. M. P. S. Kothuvaram	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

21 27 30 41 26 32 41 40 41 40 40 40 41 41 41 19 41 41 28 40 37 41 2 41 41 41 62 171 7 171 62





**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN ERATHIYAPETA  
BLOCK OF . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the Socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandan along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj institutions and recognised aided institutions.

OPERATION BLACK BOARD IN ERATHIYAPETA BLOCK/  
MUNICIPALITY/CORPORATION.

Erathiyapeta is one of the two blocks selected from Kottayam District. The other block is . . . Besides, Municipal town of . . . and Corporation/Municipality of . . . have been selected . . . Erathiyapeta qualifies under the norms prescribed for selection during 1987-88. . . falls in . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . *Chattipalle* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main componets of OB relevant to . . . *Chattipalle* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. . . . . the requirement is Rs. . . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . . at a unit cost of Rs. . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . . ., the requirement is . . . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. ....)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June, 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at as . . . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also used in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

....

Kottayam

ABSTRACT

Erattapetta (f)

District....	Unit Cost	No projected	Block total.....	
1. Building	60,000	8 (27)	4,80,000.00	120000
2- Toilet	5,000	9	45,000.00	45000
3. Well	15,000	6	30,000.00	30000
Total			4,91,000.00	1,74,000
4. Syllabus	5 0.5-	8	40.00	10 pms
5. Text books	25.00	12	300.00	60000
6. Teacher's Guides	15.00	31	465.00	60000
7. Maps	175.00	54	9,450.00	10000
8. Plastic Globe	100.00	27	2,700.00	10000
9. Educational Charts	90.00	32	2,880.00	
10. Wisdom Blocks	120.00	55	6,600.00	
11. Bird and Animal Puzzle	60.00	55	3,300.00	
12. Toys	300.00	55	16,500.00	
13. Skipping Rope	60.00	51	3,060.00	
14. Football	70.00	55	3,850.00	
15. Volley Ball	70.00	55	3,850.00	
16. Rubber Balls	50.00	55	2,850.00	
17. Air pump	35.00	55	1,925.00	
18. Ring	50.00	44	2,200.00	
19. Swing rope with tyre	35.00	54	1,890.00	
20. Primary Science Kit	400.00	55	22,000.00	
21. Mini Tool Kit	300.00	55	16,500.00	
22- Mathematics Kit	300.00	55	16,500.00	
23. Dictionaries	100.00	30	3,000.00	
24. Encyclopaedia	100.00	52	5,200.00	
25. Children's Books	1600.00	21	33,600.00	
26. Magazine	450.00	55	24,750.00	
27. School Bell	50.00	1	50.00	
28. Dholak or Tabla	100.00	55	5,500.00	
29. Harmonium	500.00	55	27,500.00	
30. Manjira	50.00	55	2,750.00	
31. Furniture for teachers	700.00	24	16,800.00	
32. boxes	300.00	223	66,700.00	
33. Black Board	400.00	4	1,600.00	
34. Pin-up board	50.00	55	2,750.00	174000
35. Chalk & Duster	30.00	223	6,690.00	107730
36. Water facility	100.00	223	22,300.00	177130
37. Trash Can	50.00	223	11,150.00	
Total....			8,16,125.00	297130
Grand Total	7215.00			

APPENDIX - I.

Block/Municipality. Erattupetta

District. Kottayam

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
43	6	37	5. Govt. L.P.S. Thakppalam Palsanal P.O. 6. Govt. L.P.S. Vellani Adukom P.O.	6. Govt. L.P.S. Perambur Kunnoor P.O. ① 7. Govt. L.P.S. Thalamettu Thalamettu. ① 8. Govt. L.P.S. Vellani ② Adukom P.O.		

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.	
1.	Two non. drinking water facilities	24	8	2X 50,000	416,000/- 120,000	
2.	Toilets	11	9	5,000	45,000/- 45,000	
3.	Well drinking water facilities	4	6	5,000	30,000/- 9,000	
Grand Total					491,000/-	174,000

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Kannur DISTRICT

BLOCK Erattupetta

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	High case
1	Govt school @ Erattupetta P.O. R	5		25	15	175	100	90	120	60	300	60	70	70	50	35	50	35	400	300	300	100	100	..	45	50	100	100	50	700	300	400	500	30	100	
2	Govt. L.P.S. Kallurkulam P.O. R	4		4	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	
3	Govt. L.P.S. Karpally P.O. R	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	
4	Govt. L.P.S. Melampuzha P.O. R	4		4	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	
	Govt. L.P.S. Plasamal P.O. R	8		8	8	8	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	8	8	8	8	8	8	
	Govt. L.P.S. Poongar P.O. R	8		8	8	8	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	9	9	9	9	9	9	

**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS**

DISTRICT

BLOCK Andhra Pradesh

Unit cost (in Rs)

Name of schools  
Pvt. I  
Aided. II

7  
8  
9  
10

Sl. No.	Name of schools	Material	Quantity	Unit cost (in Rs)
7	Govt. H.S. LPS Deringer Kammani P.O.	Syllabus	1	5
8	Govt. LPS Thalanda Thalanda P.O.	Text book	1	25
9	Govt. H.S. LPS Thalappalams Dharamil P.S.	Teaching guides	1	15
10	Govt. LPS Vellami Bodakom P.O.	Maps	1	175
		Globe	1	100
		Educational charts	1	90
		Wisdom Block	1	120
		Bird Animal puzzle	1	60
		Toys	1	300
		Skipping rope	1	60
		Football	1	70
		Volley Ball	1	70
		Rubber ball	1	50
		Air pump	1	35
		Ring	1	50
		Swing rope	1	35
		Science kit	1	400
		Maths Kit	1	300
		Mini tool kit	1	300
		Dictionaries	1	100
		Encyclopaedia	1	100
		Children's Book	1	..
		Magazine	1	45
		School Bell	1	50
		Dholak	1	100
		Harmonium	1	100
		Manira	1	50
		Furniture for Trs.	1	700
		Boxes	1	300
		Black Board	1	400
		Pin-up Board	1	500
		Chal & Duster	1	30
		Water facility	1	100

P. V. S. R.



(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Kottayam DISTRICT

Sl. No.	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	BLOCK Erattur																																		
			Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility		
11	Pvt. Aided school St. Mary's LPS Adivaram. Ponngalam P.O.	5	5	5	2	2	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	St. John's LPS Ampinai Pappil Ampinai Pappil P.O.	5	5	2	2	1	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
13	St. Mary's LPS Aruvilthana P.O.	12	12	2	2	2	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
14	L.F.L.P.S. Ayyampara Thalamaly P.O.	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	Nizmalu LPS Channada Channada P.O.	8	8	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
16	St. Joseph's LPS Chattukadu P.O.	7	7	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

Thank you

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

K. T. DISTRICT

Sl. No.	Name of schools	Block	Material	Unit cost (in Rs)	Req.	Total cost
1	Pvt. I	W	Syllabus	5	1	5
2	Aided. II	W	Text book	5	1	5
3		W	Teaching guides	15	1	15
4		W	Maps	15	1	15
5		W	Globe	90	1	90
6		W	Educational charts	120	1	120
7		W	Wisdom Block	60	1	60
8		W	Bird Animal puzzle	60	1	60
9		W	Toys	30	1	30
10		W	SKIPPING rope	60	1	60
11		W	Football	70	1	70
12		W	Volley Ball	70	1	70
13		W	Rubber ball	50	1	50
14		W	Air pump	55	1	55
15		W	Ring	50	1	50
16		W	Swing rope	35	1	35
17		W	Science kit	400	1	400
18		W	Maths Kit	300	1	300
19		W	Mini tool kit	300	1	300
20		W	Dictionaries	100	1	100
21		W	Encyclopaedia	100	1	100
22		W	Children's Book	..	1	..
23		W	Magazine	45	1	45
24		W	School Bell	50	1	50
25		W	Dholak	100	1	100
26		W	Harmonium	100	1	100
27		W	Manira	50	1	50
28		W	Furniture for Trs.	700	1	700
29		W	Boxes	300	1	300
30		W	Black Board	400	1	400
31		W	Pin-up Board	500	1	500
32		W	Chal & Duster	30	1	30
33		W	Water facility	100	1	100
34		W	Fresh Canal	100	1	100

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

17.12.2013 DISTRICT

BLOCK *Thiruvallur*

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
1	St. Thomas LPS Mangalagiri	15		4																															
2	St. Joseph's LPS Chennamkulam	15		7																															
3	SKV LPS Pa. Thampuzha	175		3																															
4	CMS LPS Mannachil	100		1																															
5	C.M.L.P.S. Melu Kavilamitam	30		3																															
6	P. e. Melukavumthar	120		4																															
7	St. Sebastian's LPS Pattharha,	60		4																															
8	Thidamadu	300																																	
		70																																	
		70																																	
		50																																	
		35																																	
		50																																	
		35																																	
		200																																	
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		10																																	
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		15																																	
		50																																	
		50																																	
		700																																	
		300																																	
		400																																	
		50																																	
		30																																	
		20																																	

Water facility

- 6 -  
APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

BLOCK *Arattupuzha*

6.11.2019 DISTRICT

Sl. No.	Unit cost (in Rs)	Name of schools	Material	Quantity	Unit cost (in Rs)
1	5	St. Anne's LPS	Syllabus	1	5
2	15	St. Mary's LPS	Text book	1	15
3	175	Panchayal LPS	Teaching guides	1	175
4	100	Thalappalam	Maps	1	100
5	90	EMS LPS Thalappalam	Globe	1	90
6	120	St. Paul's LPS	Educational charts	1	120
7	60	Vakakkadu	Wisdom Block	1	60
8	300	Vakakkadu P.C.	Bird Animal puzzle	1	300
9	60	EMS LPS	TOYS	1	60
10	70	Valakam	SKIPPING rope	1	70
11	70	Mechal P.C.	Football	1	70
12	50		Volley Ball	1	50
13	35		Rubber ball	1	35
14	50		Air pump	1	50
15	35		King	1	35
16	400		Swing rope	1	400
17	300		Science kit	1	300
18	300		Maths Kit	1	300
19	100		Mini tool kit	1	100
20	100		Dictionaries	1	100
21	100		Encyclopaedia	1	100
22	45		Children's Book	1	45
23	50		Magazine	1	50
24	100		School Bell	1	100
25	100		Dholak	1	100
26	50		Harmonium	1	50
27	700		Manira	1	700
28	300		Furniture for Trs.	1	300
29	100		Boxes	1	100
30	50		Black Board	1	50
31	50		Pin-up Board	1	50
32	30		Chal & Duster	1	30
33	100		Water facility	1	100
34			Task cards	1	



**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN *Perumbavur*  
BLOCK OF . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. It lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN *Perumbavur* . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

*Perumbavur* . . . . . is one of the two blocks selected from . . . . . District. The other Block is . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected . . . . . *Perumbavur* qualifies under the norms prescribed for selection during 1987-88 . . . . . falls in *Perumbavur* . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

P A R T - II

Two main components of OB relevant to . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. . . . . the requirement is Rs. . . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . . at a unit cost of Rs. . . . . For construction purposes only Government schools are considered. For provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . . . the requirement is . . . . . In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. . . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II  
(contd...4)



Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

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Jharkhand

ALL INDIA

Deviculum

District.....	Unit Cost	No projected	Block Total.....	
1. Building	60,000	8 6	416000	360000
2- Toilet	5,000	1	5000	5000
3. Well	15,000	6	30000	9000
Total			451,000	374000
4. Syllabus	5.0	23	115	
5. Text books	25.00	24	600	
6. Teacher's Guides	15.00	25	375	
7. Maps	175.00	69	12075	
8. Plastic Globe	100.00	69	6900	
9. Educational Charts	90.00	27	2430	
10. Wisdom Blocks	120.00	69	8280	
11. Bird and Animal Puzzle	60.00	69	4140	
12. Toys	300.00	69	20700	
13. Skipping Rope	60.00	69	4140	
14. Football	70.00	69	4830	
15. Volley Ball	70.00	69	4830	
16. Rubber Balls	50.00	69	3450	
17. Air pump	35.00	69	2415	
18. Ring	50.00	69	3450	
19. Swing rope with tyre	35.00	69	2415	
20. Primary Science Kit	400.00	69	27600	
20 Mini Tool Kit	300.00	69	20700	
22- Mathematics Kit	300.00	69	20700	
23. Dictionaries	100.00	69	6900	
24. Encyclopaedia	100.00	69	6900	
25. Children's Books	1600.00	69	110400	
26. Magazine	450.00	69	31050	
27. School Bell	50.00	-	-	
28. Dholak or Tabla	100.00	69	6900	
29. harmonium	500.00	69	34500	
30. Manjira	50.00	69	3450	
31. Furniture for teachers	700.00	82	57400	
32. boxes	300.00	253	75900	
33. Black Board	400.00	82	32800	
4. Pin-up board	50.00	69	3450	
5. Chalk & Duster	30.00	253	7590	
6. Water facility	100.00	43	4300	304000
7. Trash Can	50.00	43	2150	533835
Total.....	7215.00		533835	
Grand Total			451,000	907835
			984835	

APPENDIX - I.

Block/Municipality. Devikulam

District. Sivakasi

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only). (6)	Remarks. (7)
---------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	---------------------------------------------------------------------------------------------	--------------

43

8

35

I priority  
 1. G. Tribal school Chempakalthesha  
 2. GLPS Venad  
 3. GLPS Munnampet.  
 4. GLPS. Manayoor  
 5. GLPS. Devikulam  
 6. GLPS. Vattanada  
II priority  
 1. G. Tribal Chempakada  
 2. G. Tribal. Edamalakudi

1. GLPS Devikulam

1. G. Tribal school Chempakalthesha  
 2. GLPS Venad  
 3. GLPS. Munnampet.  
 4. G. Tribal. Edamalakudi  
 5. GLPS. Devikulam  
 6. GLPS. Vattanada

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	7	8	62,000	416,000/-
2.	Toilets	15	1	5,000	5,000/-
3.	Well/drinking Water facility	2	6	15,000	30,000/-
Grand Total					451,000/-





APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

3 d. 11/12

DISTRICT

BLOCK Demol

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
1)	M.C.L.P.S. Kambaloo	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2)	A.L.P.S. Pearyakand	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3)	A.L.P.S. Theemula	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4)	A.L.P.S. Gudnals	175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5)	A.L.P.S. Nyimabed	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6)	A.L.P.S. Telapally	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7)		120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8)		60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9)		300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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12)		70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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23)		700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24)		300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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26)		500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Water facility

Tras Board



**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS**

Sl. No.	Name of schools Pvt. I Aided. II	BLOCK	Unit cost (in Rs)	DISTRICT																																			
				Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	rubber ball	Air pump	King	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	pin-up Board	Chal & Duster	Water facility			
47	A.L.P.S Kankaloo	E	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		R	25	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
51	A.L.P.S. Bansikhed	E	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		R	175	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
55	A.L.P.S. Zolankhed	E	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		R	90	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
57	A.L.P.S. Chokhaned	E	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		R	60	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
59	St. Joseph's L.P.S. Bansikhed	E	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		R	300	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
61	L.P.S. Bhatnagar Thal. - 70	E	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		R	70	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

*Water facility*

*Chal & Duster*

*pin-up Board*

*Black Board*

*Boxes*

*Furniture for Trs.*

*Manira*

*Harmonium*

*Dholak*

*School Bell*

*Magazine*

*Children's Book*

*Encyclopaedia*

*Dictionaries*

*Mini tool kit*

*Maths Kit*

*Science kit*

*Swing rope*

*King*

*Air pump*

*rubber ball*

*Volley Ball*

*Football*

*SKIPPING rope*

*Toys*

*Bird Animal puzzle*

*Wisdom Block*

*Educational charts*

*Globe*

*Maps*

*Teaching guides*

*Text book*

*Syllabus*







**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN ELAMDESOM  
BLOCK OF . . . IDUKKI . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . ELAMDESOM . . . . . BLOCK  
MUNICIPALITY/CORPORATION.

. . . . . ELAMDESOM . . . . . is one of the two blocks selected from . . . IDUKKI . . . . . District. The other Block is . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected . . . . . ELAMDESOM qualifies under the norms prescribed for selection during 1987-88 . . . . . falls in . . . . . KATAPPANA Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub-Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

#### Part I- Provision of Second Teacher.

In . . . C. I. A. M. D. S. O. M. . . . as in all other block and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

#### P A R T - II

Two main components of OB relevant to . . . C. I. A. M. D. S. O. M. Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 25 . . . schools . . . 9 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 14 . . . buildings at a unit cost of Rs. 60,000 the requirement is Rs. 8,40,000. For . . . 9 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 4,50,000 . . . at a unit cost of Rs. 6,000 . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist, none is included. For digging . . . 5 . . . well at a unit cost of . . . 1,50,000, the requirement is . . . 7,50,000. In other cases Managers will be made to make up for deficiencies, if any.

(contd. ....)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material-labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 7.14 Lakhs. . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd. . . .)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards; existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Gen.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

1 DU KKI

ABSTRACT

ELAMDESAM

District....	Unit Cost	No projected	Block Total.....	
1. Building	50,000	1(0+1)	<del>52,000</del>	
2- Toilet	5,000	9	45,000	45000
3. Well	15,000	5	25,000	7500
Total			122,000	52,500
4. Syllabus	0.5	19	9.5	
5. Text books	25.00	21	525	
6. Teacher's Guides	15.00	27	405	
7. Maps	175.00	38	6650	
8. Plastic Globe	100.00	18	1800	1 parcel
9. Educational Charts	90.00	28	2520	
10. Wisdom Blocks	120.00	31	3720	1x 60000
11. Bird and Animal Puzzle	60.00	32	1920	
12. Toys	300.00	41	12300	60000
13. Skipping Rope	60.00	17	2820	
14. Football	70.00	42	2940	
15. Volley Ball	70.00	41	2870	
16. Rubber Balls	50.00	40	2000	
17. Air pump	35.00	34	1190	
18. Ring	50.00	42	2100	
19. Swing rope with tyre	35.00	44	1540	
20. Primary Science Kit	400.00	31	12400	
21 Mini Tool Kit	300.00	31	9300	
22- Mathematics Kit	300.00	31	9300	
23. Dictionaries	100.00	25	2500	
24. Encyclopaedia	100.00	29	2900	
25. Children's Books	1600.00	32	51200	
26. Magazine	450.00	32	14400	
27. School Bell	50.00	4	200	
28. Dholak or Tabla	100.00	30	3000	
29. harmonium	500.00	31	15500	
30. Manjira	50.00	31	1550	
31. Furniture for teachers	700.00	35	24500	
32. boxes	300.00	31	9300	
33. Black Board	400.00	15	6000	
34. Pin-up board	50.00	30	1500	
35. Chalk & Duster	30.00	45	1350	
36. Water facility	100.00	29	2900	
37. Trash Can	50.00	29	1450	52500
Total.....				
Grand Total	7215.00		214240	2,14,240
			122000	2,66,240
				336240

APPENDIX - I.

ELAMDEBOM

Block/Municipality

District. IDUKKI

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
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9

20

First Priority  
Nil

G.LPS Udumamooz (1) G.T.LPS Naliyanni  
 G.T.LPS Mullarigad (2) G.LPS Kochimyan  
 G.New LPS Kudiayathoor (2) G.T.LPS Mullarigad  
 G.LPS. Mookad (2) G.LPS Mookad  
 G.H.S.LPS. Kudiayathoor (2) G.LPS Muthiaomala

Second Priority

(1) Govt Tribal LPS  
 Mullarigad  
 Vannayathoor P.O  
 Idukki.

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Two room Building	49	1	52,000	52,000
2.	Toilets	9	9	5,000	45,000
3.	Well/dinking water facility	4	5	5,000	25,000
Grand Total					122,000





APPENDIX - II  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DURGA DISTRICT

RL (M) DE SLM LOCK

Sl. No.

(7)

(8)

(9)

Sl. No.	Name of schools Pvt. I Aided. II	Material	QTY	Value
(7)	Cross LPS. <del>Ata</del> Masliad	E	3	5
		R	1	5
(8)	Cross LPS Mishra yamnia	E	3	5
		R	1	5
(9)	Cross HS LPS Kudraya Thooz	E	1	5
		R	1	5
		Syllabus		
		Text book		
		Teaching guides		
		Maps	3	75
		Globe	1	50
		Educational charts	1	70
		Wisdom Block	1	20
		Bird Animal puzzle	1	60
		Toys	1	200
		skipping rope	1	30
		Football	1	70
		Volley Ball	1	70
		Rubber ball	1	50
		Air pump	1	35
		Ring	1	50
		Swing rope	1	35
		Science kit	1	400
		Maths Kit	1	300
		Mini tool kit	1	300
		Dictionaries	1	300
		Encyclopaedia	1	100
		Children's Book	1	..
		Magazine	1	45
		School Bell	1	50
		Dholak	1	100
		Harmonium	1	100
		Mandira	1	50
		Furniture for Trs.	4	700
		Boxes	1	300
		Black Board	3	100
		Pinch Board	1	50
		Chal & Duster	4	30
		Water facility	1	100
		h fan	1	..



APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

J.D. DISTRICT

Sl. No.	Name of schools	Unit cost (in Rs)	Pvc. I		Aided. II		Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	Toilet						
			E	R	E	R																																								
(16)	St. Augustines LPS Chilavu.	15	1	2	1	2																																								
(17)	St. Joseph's LPS. Paimon.	15	1	9	1	2																																								
(18)	N.LPS Mullerigod	15	2	2	2	1																																								
(19)	St. Mary's LPS. Kaligaz	15	1	14	1	4																																								
(20)	S.N.C.M. LPS Neyyaseen	15	1	1	1	4																																								
(21)	St. Mary's LPS Kzhimattur	15	1	5	1	2																																								

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



**BLACK** *N. Pannur*

PROJECT REPORT FOR OPERATION BLACK BOARD IN . . . . .  
BLOCK OF *Eranakulam* . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep varandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . . .  
MUNICIPALITY/CORPORATION.

*N. Pannur* is one of the two blocks selected from *Eranakulam* District. The other block is *Tripunithura*. Besides, Municipal town of *Cochin* and Corporation/Municipality of *N. Pannur* have been selected. *N. Pannur* qualifies under the norms prescribed for selection during 1987-88. *N. Pannur* falls in *Alwaye* Educational District and the Block/Municipal jurisdiction covers portions of *Alwaye* educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In N. Ponnur . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART -II

Two main componets of OB relevant to N. Ponnur . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of ~~Rs. 50000~~ . . . . . the requirement is ~~Rs. 340000~~ 30000 For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is ~~Rs. 50000~~ . . . . . at a unit cost of ~~Rs. 50000~~ . . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . . . ~~Rs. 15000~~ . . . . . the requirement is ~~Rs. 55000~~ 65000 . . . . . In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 2,99,445. . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4





ANAKULAM

ABSTRACT

PA 2002.

District....	Unit Cost	No projected	Block Total	
1. Building	60,000	75+2	3,62,000	300000
2- Toilet	5,000	12	60,000	60000
3. Well	15,000	11	55,000	16500
Total				376500
4. Syllabus	0.5	18	90	
5. Text books	25.00	43	1075	11ndpmanly
6. Teacher's Guides	15.00	28	420	60000XL
7. Maps	175.00	39	6825	120000
8. Plastic Globe	100.00	24	2400	
9. Educational Charts	90.00	39	3510	
10. Wisdom Blocks	120.00	57	6840	
11. Bird and Animal Puzzle	60.00	52	3120	
12. Toys	300.00	52	15600	
13. Skipping Rope	60.00	52	3120	
14. Football	70.00	52	3640	
15. Volley Ball	70.00	51	3570	
16. Rubber Balls	50.00	41	2050	
17. Air pump	35.00	51	1785	
18. Ring	50.00	51	2550	
19. Swing rope with tyre	35.00	52	1820	
20. Primary Science Kit	400.00	52	20800	
20 Mini Tool Kit	300.00	52	15600	
22- Mathematics Kit	300.00	52	15600	
23. Dictionaries	100.00	35	3500	
24. Encyclopaedia	100.00	51	5100	
25. Children's Books	1600.00	44	70400	
26. Magazine	450.00	50	22500	
27. School Bell	50.00	10	500	
28. Dholak or Tabla	100.00	53	5300	
29. harmonium	500.00	53	26500	
30. Manjira	50.00	53	2650	
31. Furniture for teachers	700.00	19	13300	
32. boxes	300.00	54	16200	
33. Black Board	400.00	37	14800	
34. Pin up board	50.00	54	2700	
35. Chalk & Duster	30.00	41	1230	376500
36. Water facility	100.00	29	2900	299445
37. Trash Can	50.00	29	1450	
Total....			299445	675945
Grand Total	7215.00		42700	
			776445	

*Ninth* ~~Block~~ *Block/Municipality.*

*Kannur* District.

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
29	15	14	<p><i>8<sup>th</sup> Municipality</i></p> <p>1. G.L.P.S Pattanam</p> <p>2. S.N.V.L.P.S. <i>Chirappanthur</i></p> <p>3. G.L.P.S. Vavakkad</p> <p>4. L.P.G.S. Meethikkunnam</p> <p>5. L.P.G.S. Puthiyakavu</p> <p><i>5<sup>th</sup> Municipality</i></p> <p>1. G.L.P.S. Parayakkal</p> <p>2. G.F.L.P.S. Chennamangalam</p>	<p>1. G.L.P.S. Paraykkal (2)</p> <p>2. G.L.P.S. Chennamangalam (2)</p> <p>3. L.P.G.S. Ezhikkara (1)</p> <p>4. L.P.G.S. Meethikkunnam (1)</p> <p>5. L.F.L.P.S. Thekkekkudath (1)</p> <p>6. S.N.L.P.S. Kunji Thū (1)</p> <p>7. S.V.L.P.S. Pallickal (1)</p> <p>8. A.P.S.L.P.S. Pazham pilly Mūndhū (1)</p> <p>9. G.L.P.S. N.L.P.S. Kunji Thū (2)</p>	<p>1. G.L.P.S. Nandyattukanni (1)</p> <p>2. L.P.G.S. Ezhikkara (1)</p> <p>3. G.L.P.S. Pattanam (1)</p> <p>4. G.L.P.S. Meethikkunnam (1)</p> <p>5. G.L.P.S. Chittathukanni (1)</p> <p>6. G.F.L.P.S. Chennamangalam (1)</p> <p>7. L.F.L.P.S. Thekkekkudath (1)</p> <p>8. S.N.L.P.S. Kunjithai (1)</p> <p>9. A.P.S.L.P.S. Pazham pilly Mūndhū (1)</p> <p>10. G.L.S. N.L.P.S. Kunji Thū (1)</p> <p>11. S.L.P.S. Chennamangalam (1)</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	50	7	5 x 60,000 Rs	3,00,000
2.	Toilets	48	12	12 x 5,000 Rs	60,000
3.	well/drinking water facility	16	11	11 x 15,000 Rs	1,65,000
Grand Total					3,65,000

*North - West Block*

APPENDIX - II  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

*Dharmapally*

DISTRICT

Sl. No.	BLOCK	Name of schools Pvt. I Aided. II	Requirement of Learning Materials		Requirement of Teaching Materials		Total cost (in Rs)
			Books	Other	Books	Other	
1	Gandhinagar	Govt. LPS Pangyukad	E	4	1	4	5
			R	1	3	1	175
2	Kottamangalam	Govt. LPS Kottamangalam	E	13	10	8	20
			R	1	1	2	30
3	Kottamangalam	P.N.M LPS Kottamangalam	E	9	1	1	20
			R	2	2	3	20
4	Kottamangalam	M. LPS Vadekkkarak	E	7	4	4	60
			R	2	1	1	20
5	Kottamangalam	P.N.V LPS Thuvattipuzham	E	1	3	1	20
			R	2	2	1	20
6	Kottamangalam	Govt. LPS Nandyathukumam	E	8	8	2	60
			R	1	1	3	50

*Thuvattipuzham*

*Water facility*

*Boxes*

*Black Board*

*Pin-up Board*

*Chal & Duster*

*Water facility*

*North Travancore District*

APPENDIX - II

*Travancore*

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS) DISTRICT

Sl. No.	BLOCK	Name of schools	Type of school	Est. Cost (in Rs)		Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
				Est.	R																																		
7		Govt. LPS Chennamangalam	E R	10 -	-	-	-	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	2	9	2	9	2	9	9		
8		L.P.S. Ayyappan Ari	E R	1 2	-	-	-	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	5	2	5	5	
9		Govt. LPS Vayakkad	E R	1 1	-	-	-	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	8	8
10		L.P.S. Mudikkunnam	E R	1 2	-	-	-	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2	3	2	2	7	7
		Govt. LPS Pattanam	E R	5 -	-	-	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	6	6
12		L.P.S. Puthiyarearu.	E R	8 -	-	-	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	4	8



North District  
2017-18

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Anantapur

DISTRICT

BLOCK

Net cost (in Rs)

Name of schools  
Pvt. I  
Public II

Syllabus

Text book

Teaching guides

Maps

Globe

Educational charts

Wisdom Block

Bird Animal puzzle

Toys

Skipping rope

Football

Volley Ball

Rubber ball

Air pump

King

Swing rope

Science kit

Maths kit

Mini tool kit

Dictionaries

Encyclopaedia

Children's Book

Magazine

School Bell

Dholak

Harmonium

Manira

Furniture for Trs.

Boxes

Black Board

Pin-up Board

Chal & Duster

Water facility

Sl. No:

16

H.S. L.P.S  
Godeguth

17

Holly Cross  
L.P.S. Kotai  
Vethurubi

18

H.S. J.P.S  
Chathedam

19

L.P.L.P.S  
Thelke Thuru

20

S.N. L.P.S  
Kangithi

21

S.N. H.L.P.S  
Madrunka

Sl. No	Name of schools	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	King	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	Net cost (in Rs)
16	H.S. L.P.S Godeguth	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	10	6	2	10	10	175
17	Holly Cross L.P.S. Kotai Vethurubi	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	100
18	H.S. J.P.S Chathedam	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	2	2	2	4	8	8	100
19	L.P.L.P.S Thelke Thuru	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8	8	8	8	90	
20	S.N. L.P.S Kangithi	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	8	8	8	90
21	S.N. H.L.P.S Madrunka	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	8	8	8	100

Nona. Paces - block

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

District

DISTRICT

BLOCK

Sl. No.	Name of schools	Unit cost (in Rs)	Lyliabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Kang	Swing rope	Balance kit	Mans Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
22	Santhi Cray LPS Kottakud	5	3	3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2	2	5	2	5	4	1	8	
23	St. Vincent LPS Pallazhikud	5	1	2	2	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	2	4	2	4	4	6	5
24	St. Philomena's LPS Koonanayavu	5	1	2	2	3	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	2	2	6	2	6	2	6	10	
25	St. Mary's Chathedom Parakkal	5	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	4	2	4	4	4	4
26	St. Peter's Parthumpilly	5	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4
27	St. Louis Kottakud	5	5	2	2	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	5	2	5	4	1	5	



North-Pavon-Block,

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

D. J. and Kulam

DISTRICT

LOCK

Sl. No.

Sl. No.	Name of schools	Material	Quantity	Unit cost (in Rs)
1	Govt. B.V.L.P.S. Kuzhitha	Allyabus	5	5
2	Govt. B.V.L.P.S. Kuzhitha	Text book	16	25
3	Govt. B.V.L.P.S. Kuzhitha	Teaching guides	2	15
4	Govt. B.V.L.P.S. Kuzhitha	Maps	1	175
5	Govt. B.V.L.P.S. Kuzhitha	Globe	1	100
6	Govt. B.V.L.P.S. Kuzhitha	Educational charts	1	90
7	Govt. B.V.L.P.S. Kuzhitha	Wisdom Block	1	120
8	Govt. B.V.L.P.S. Kuzhitha	Bird Animal puzzle	1	60
9	Govt. B.V.L.P.S. Kuzhitha	Toys	1	300
10	Govt. B.V.L.P.S. Kuzhitha	Skipping rope	1	60
11	Govt. B.V.L.P.S. Kuzhitha	Football	1	70
12	Govt. B.V.L.P.S. Kuzhitha	Volley Ball	1	70
13	Govt. B.V.L.P.S. Kuzhitha	Rubber ball	1	50
14	Govt. B.V.L.P.S. Kuzhitha	Air pump	1	35
15	Govt. B.V.L.P.S. Kuzhitha	Ring	1	50
16	Govt. B.V.L.P.S. Kuzhitha	Swing rope	1	35
17	Govt. B.V.L.P.S. Kuzhitha	Science kit	1	400
18	Govt. B.V.L.P.S. Kuzhitha	Maths Kit	1	300
19	Govt. B.V.L.P.S. Kuzhitha	Min. tool kit	1	300
20	Govt. B.V.L.P.S. Kuzhitha	Dictionaries	1	100
21	Govt. B.V.L.P.S. Kuzhitha	Encyclopaedia	1	100
22	Govt. B.V.L.P.S. Kuzhitha	Children's Book	1	..
23	Govt. B.V.L.P.S. Kuzhitha	Magazine	1	45
24	Govt. B.V.L.P.S. Kuzhitha	School Bell	1	50
25	Govt. B.V.L.P.S. Kuzhitha	Plak	1	100
26	Govt. B.V.L.P.S. Kuzhitha	Harmonium	1	100
27	Govt. B.V.L.P.S. Kuzhitha	Map	1	50
28	Govt. B.V.L.P.S. Kuzhitha	Furniture for Trs.	1	700
29	Govt. B.V.L.P.S. Kuzhitha	Boxes	1	300
30	Govt. B.V.L.P.S. Kuzhitha	Black Board	1	400
31	Govt. B.V.L.P.S. Kuzhitha	Pin-up Board	1	50
32	Govt. B.V.L.P.S. Kuzhitha	Chel & Dust	1	..
33	Govt. B.V.L.P.S. Kuzhitha	Library facility	1	100
34	Private schools			
35	Govt. B.V.L.P.S. Kuzhitha		6	11
36	Govt. B.V.L.P.S. Kuzhitha		8	17
37	Govt. B.V.L.P.S. Kuzhitha		14	16
38	Govt. B.V.L.P.S. Kuzhitha		22	23
39	Govt. B.V.L.P.S. Kuzhitha		23	23
40	Govt. B.V.L.P.S. Kuzhitha		23	23
41	Govt. B.V.L.P.S. Kuzhitha		22	22
42	Govt. B.V.L.P.S. Kuzhitha		21	22
43	Govt. B.V.L.P.S. Kuzhitha		22	22
44	Govt. B.V.L.P.S. Kuzhitha		23	23
45	Govt. B.V.L.P.S. Kuzhitha		23	23
46	Govt. B.V.L.P.S. Kuzhitha		23	23
47	Govt. B.V.L.P.S. Kuzhitha		19	19
48	Govt. B.V.L.P.S. Kuzhitha		22	22
49	Govt. B.V.L.P.S. Kuzhitha		21	21
50	Govt. B.V.L.P.S. Kuzhitha		23	23
51	Govt. B.V.L.P.S. Kuzhitha		24	24
52	Govt. B.V.L.P.S. Kuzhitha		24	24
53	Govt. B.V.L.P.S. Kuzhitha		24	24
54	Govt. B.V.L.P.S. Kuzhitha		6	6
55	Govt. B.V.L.P.S. Kuzhitha		25	25
56	Govt. B.V.L.P.S. Kuzhitha		18	18
57	Govt. B.V.L.P.S. Kuzhitha		25	25
58	Govt. B.V.L.P.S. Kuzhitha		18	18
59	Govt. B.V.L.P.S. Kuzhitha		88	88
60	Govt. B.V.L.P.S. Kuzhitha		88	88

BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN *Tripunithura*  
BLOCK OF *Eranakulam* . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep varandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN *Tripunithura* . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

*Tripunithura* . . . . . is one of the two blocks selected from *Eranakulam* . . . . . district. The other block is *N. Parur* . . . . . Besides, Municipal town of *Tripunithura* . . . . . and Corporation/Municipality of *Tripunithura* . . . . . have been selected . . . . . *Tripunithura* qualifies under the norms prescribed for selection during 1987-88. *Tripunithura* . . . . . falls in . . . . . *Eranakulam* Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings; toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In Toipunitam . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to Toipunitam . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. ~~60000~~ 60000 the requirement is Rs. ~~450000~~ 600000 For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . . at a unit cost of Rs. ~~15000~~ 15000 For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . 15000 . . . the requirement is . . . 15000 . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . . 3)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.S, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 8,10,00,000. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Pch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

ERNAKULAM

~~AUCTION~~

TRIPUNITHURA

District....	Unit Cost	No projected	Block total.....	
1. Building	<del>50000</del>	3(1+2)	<del>156000</del>	
2- Toilet	5000	2	10000	60000
3. Well	15000	1	5000	10000
<b>Total</b>			<b>1,91,000</b>	<b>150</b>
4. Syllabus	0.5	7	35	71500
5. Text books	25.00	5	125	
6. Teacher's Guides	15.00	1	15	
7. Maps	175.00	12	2100	
8. Plastic Globe	100.00	7	700	
9. Educational Charts	90.00	10	900	
10. Wisdom Blocks	120.00	14	1680	
11. Bird and Animal Puzzle	60.00	14	840	11th period
12. Toys	300.00	14	4200	
13. Skipping Rope	60.00	11	6600	
14. Football	70.00	13	910	2 x 60000
15. Volley Ball	70.00	14	980	
16. Rubber Balls	50.00	12	600	1,20,000
17. Air pump	35.00	14	490	
18. Ring	50.00	11	550	
19. Swing rope with tyre	35.00	14	490	
20. Primary Science Kit	400.00	14	5600	
20 Mini Tool Kit	300.00	14	4200	
22- Mathematics Kit	300.00	14	4200	
23. Dictionaries	100.00	9	900	
24. Encyclopaedia	100.00	13	1300	
25. Children's Books	1600.00	8	12800	
26. Magazine	450.00	8	3600	
27. School Bell	50.00	2	100	
28. Dholak or Tabla	100.00	14	1400	
29. harmonium	500.00	14	7000	
30. Manjira	50.00	14	700	
31. Furniture for teachers	700.00	5	3500	
32. boxes	300.00	14	4200	
33. Black Board	400.00	4	1600	
34. Pin-up board	50.00	14	200	
35. Chalk & Duster	30.00	4	120	71500
36. Water facility	100.00	54	5400	81005
37. Trash Can	50.00	54	2920	1,52,505
<b>Total.....</b>			<b>81005</b>	<b>2521</b>
<b>Grand Total</b>	<b>7215.00</b>		<b>171000</b>	
			<b>252005</b>	

APPENDIX - I.

District. Kannur - 1-

Tripunithura

Block/Municipality.

Total number of Independent Primary Schools (IP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
<u>54</u>	<u>16</u>	<u>38</u>	<u>1<sup>st</sup> Locality</u>	1. P.G. L.P.S. Tripunithura (i)	1. L.P.G.S., Tripunithura. (i)	
<u>8</u>	<u>3</u>	<u>5</u>	<u>2<sup>nd</sup> Locality</u>	2. K. P.G.S. Tripunithura. (i)		
			<u>1. P.G. L.P.S. Tripunithura</u>			
			<u>2. K.M. L.P.S. BACON</u>			

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	<u>6</u>	<u>3</u>	<del>1 x 60,000</del>	<del>Rs 180,000</del> / 60,000
2.	Toilets	<u>4</u>	<u>2</u>	2 x 5,000	10,000 / 10,000
3.	Well/drinking water facility	<u>2</u>	<u>1</u>	1 x 5,000	5,000 / 15,000
					<u>71,500</u>

Grand Total

*Mysorepatti - Homopathy*

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

*Aranyakulam* DISTRICT

BLOCK	Unit cost (in Rs)	Name of schools	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
1	5	<i>Government - 2 G.L.P.S</i>																																		
2	25	<i>Mysorepatti</i>																																		
3	15	<i>L.P.G.S</i>																																		
4	175	<i>Mysorepatti</i>																																		
5	100	<i>K.N. L.P.S.</i>																																		
6	90	<i>Private - St. Mary's L.P.S</i>																																		
7	120	<i>Mysorepatti</i>																																		
8	60	<i>St. Francis L.P.S</i>																																		
9	300	<i>Peethiakavu</i>																																		
10	60	<i>St. Mary's L.P.S</i>																																		
11	70	<i>Peethiakavu</i>																																		
12	70	<i>St. Mary's L.P.S</i>																																		
13	50	<i>Peethiakavu</i>																																		
14	15	<i>C.E.L.N L.P.S</i>																																		
15	50	<i>Peethiakavu</i>																																		
16	35	<i>St. Mary's L.P.S</i>																																		
17	100	<i>Peethiakavu</i>																																		
18	300	<i>St. Mary's L.P.S</i>																																		
19	300	<i>Peethiakavu</i>																																		
20	100	<i>St. Mary's L.P.S</i>																																		
21	45	<i>Peethiakavu</i>																																		
22	150	<i>St. Mary's L.P.S</i>																																		
23	100	<i>Peethiakavu</i>																																		
24	100	<i>St. Mary's L.P.S</i>																																		
25	50	<i>Peethiakavu</i>																																		
26	100	<i>St. Mary's L.P.S</i>																																		
27	500	<i>Peethiakavu</i>																																		
28	400	<i>St. Mary's L.P.S</i>																																		
29	500	<i>Peethiakavu</i>																																		
30	80	<i>St. Mary's L.P.S</i>																																		
31	100	<i>Peethiakavu</i>																																		

*Insulation*



APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

*Ranakulam*

DISTRICT

*Thrippunithura - Municipality*

BLOCK

Unit cost (in Rs)	Name of schools	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
5																																			
25																																			
15																																			
175																																			
100																																			
90																																			
120																																			
60																																			
300																																			
60																																			
70																																			
70																																			
50																																			
35																																			
80																																			
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45																																			
150																																			
100																																			
100																																			
50																																			
700																																			
600																																			
400																																			
500																																			
30																																			
0																																			

S.V.L.R.S

*Thekkumbhagam*

*St. Joseph's LPS*

*Kodamkulangara*

*Thrippunithura*

BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN PAZHAYANNUR  
BLOCK OF . . . . . T.R.C.H.M.R. . . . . DISTRICT, KERALA STATE

...

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep varandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . PAZHAYANNUR . . . BLOCK/  
MUNICIPALITY/CORPORATION.

PAZHAYANNUR is one of the two blocks selected from . . . . . District. The other block is . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected . . . . . PAZHAYANNUR qualifies under the norms prescribed for selection during 1987-88. . . . . falls in . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

(contd. . . . 2)

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . J. A. 211 A YANNUR . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main componets of OB relevant to J. A. 211 A YANNUR Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 27 . . schools . . . 3 . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For . . . 3 . . . buildings at a unit cost of Rs. ~~15000~~ <sup>60000</sup> the requirement is Rs. ~~45000~~ <sup>180000</sup> For . . . 5 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. ~~12500~~ <sup>5000</sup> at a unit cost of Rs. ~~2500~~ <sup>5000</sup> . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . / . . . well at a unit cost of ~~150~~ <sup>500</sup> . . . the requirement is . ~~2250~~ <sup>1500</sup> . . . In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 2,36,10,000. . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd. . .4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y. K. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Bn.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

TRICHUR

ANURAGATHI

PAZHAYANNUR

District....	Unit Cost	No. projected	Block total.....	
1. Building	60,000	3	180,000	180,000
2- Toilet	5,000	5	25,000	25,000
3. Well	15,000	1	15,000	15,000
Total			186,000	206,500
4. Syllabus	0.5	20	10	
5. Text books	25.00	38	950	
6. Teacher's Guides	15.00	37	555	
7. Maps	175.00	45	7875	
8. Plastic Globe	100.00	14	1400	
9. Educational Charts	90.00	44	3960	
10. Wisdom Blocks	120.00	29	3480	
11. Bird and Animal Puzzle	60.00	54	3240	
12. Toys	300.00	54	16200	
13. Skipping Rope	60.00	38	2280	
14. Football	70.00	30	2100	
15. Volley Ball	70.00	29	2030	
16. Rubber Balls	50.00	29	1450	
17. Air pump	35.00	53	1855	
18. Ring	50.00	51	2550	
19. Swing rope with tyre	35.00	51	1785	
20. Primary Science Kit	400.00	45	18000	
21. Mini Tool Kit	300.00	45	13500	
22. Mathematics Kit	300.00	45	13000	
23. Dictionaries	100.00	26	2600	
24. Encyclopaedia	100.00	29	2900	
25. Children's Books	1600.00	29	46400	
26. Magazine	450.00	51	22950	
27. School Bell	50.00	22	1100	
28. Dholak or Tabla	100.00	29	2900	
29. harmonium	500.00	29	14500	
30. Manjira	50.00	29	1450	
31. Furniture for teachers	700.00	26	18200	
32. boxes	300.00	29	8700	
33. Black Board	400.00	12	4800	
34. Pin-up board	50.00	63	3150	
35. Chalk & Duster	30.00	190	5700	
36. Water facility	100.00	29	2900	
37. Trash Can	50.00	29	1450	206,500
Total.....				236,010
Grand Total	7215.00		236,010	442,510
			186,000	
			422,010	

Pazhayannur

Block/Municipality.

District. TRICHUR

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are require (Govt. Schools only) (5)	Name of Schools where well drink- ing water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
29	5	24	<p><u>First Priority</u></p> <p>(1) LPS. Pazhayannur                      (2) LPS. Kuzhunda.                      (3) LPS. Chelakara.</p> <p><u>Second Priority</u></p> <p>Nil.</p>	<p>Govt LPS Kuzhunda (2)                      LPS. Thozhupackara (1)                      LPS. Chelakara (2)</p>	LPS Thozhupackara.	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost	
1.	Two room building	51	3	3 x 60,000	180000	
2.	Toilet	5	5	5 x 5,000	25000	
3.	Well/drinking water facility	4	1	1 x 15,000	1500	
Grand Total					186000	206500

APPENDIX - II.

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

TRICHUR DISTRICT

Palghatam BLOCK

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
1)	<u>Govt: Schools</u> Govt HPS Palghatam	5		2	2	2	2	2	1	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	6	1	5	2	6	1	
2)	LPS Kasaromala	25		1	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	2	1	1	1	5	1	8	2	8	8	
3)	LPS Thozhappuzha	15		1	1	1	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	4	1	4	1	8	8	
	LPS Chelalekara	175		1	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	4	1	4	2	8	8	
	LPS Cheruthuruthy	100		1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	1	3	1	2	2	24	24	
	<b>Total</b>			<b>4</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>-</b>	<b>10</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>18</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>30</b>	<b>59</b>



**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

**SIRSIKUR DISTRICT**

Sl. No.	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	Private Aided																																
			Syllabus	Text book	Teaching guides	Maps	Globe	Geostational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
6)	VM LPS Thiruvittamala	5	1	2	2	2	1	6	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	2	1	1	1	5	1	6	2	5	6	6	
7)	MRV MLPS Patti parambur	15	1	1	2	1	2	1	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	2	1	2	2	7	7	7	
8)	Horizon LPS Malesaravangalam	175	1	2	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	4	1	2	2	2	6	6	
9)	ALPS Vadalebathasa	100	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	
10)	ALPS Kumathasa	90	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	20	
11)	ALPS Kaliyasaad	120	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4
			4	6	5	2	4	7	6	10	10	8	6	6	6	10	10	8	7	7	7	6	6	6	9	6	6	6	6	4	6	2	10	39	47



**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

**TIRUCHUR DISTRICT**

Sl. No.	Block	Unit cost (in Rs)	Name of schools Pvt. I Aided. II	Syllabus		Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility									
				E	R																																									
1)	Pazhayam	5																																												
2)	St Joseph's PS Kottimuruk.	25		1	1	1	2	1	1	1	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3)	PS LPS Chelakkode.	15		1	2	2	2	1	2	1	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4)	U.M.LPS Chelakkode.	175		2	2	2	2	1	4	1	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5)	CC LPS Chelakkode.	100		6	2	2	2	2	1	1	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6)	LF LPS Chelakkode.	90		1	2	2	1	1	2	1	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
7)	N.M. LPS Vengannur.	120		1	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

4 8 9 10 2 10 6 12 12 10 6 6 6 12 12 12 7 7 7 6 6 6 12 5 6 6 6 - 6 - 12 5 5 5



BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN Changanassery  
BLOCK OF Trichur DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the Socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

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OPERATION BLACK BOARD IN Changanassery BLOCK/  
MUNICIPALITY/CORPORATION.

selected from Changanassery is one of the two blocks  
Block is Mala Trichur District. The other  
of Changanassery and Corporation/Municipality  
of Changanassery have been selected  
Changanassery qualifies under the norms prescribed for selection  
during 1987-88 Changanassery falls in  
Educational District and the Block/Municipal  
jurisdiction covers portions of  
educational Sub Districts.

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In . . . . . *Cherpu* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to . *Cherpu* . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 27 . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. 6,000. . . the requirement is Rs. . 60,000 . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . 5000 . . . . . at a unit cost of Rs. . 5000 . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging . . . . . well at a unit cost of . . . . 1500 . . . , the requirement is . . . 1500 . . . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 1550.57 . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd. . .4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Bn.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.



CHERPU

ABSTRACT

TRICHUR

District....	Unit Cost	No projected	Block..... Total	
1. Building	60000	1	52000	60000
2- Toilet	5000	1	5000	5000
3. Well	15000	1	5000	15000
Total			62000	66500
4. Syllabus	0.5	19	95	
5. Text books	25.00	27	675	
6. Teacher's Guides	15.00	37	555	
7. Maps	175.00	30	5250	
8. Plastic Globe	100	12	1200	
9. Educational Charts	90.00	29	2610	
10. Wisdom Blocks	120.00	22	2640	
11. Bird and Animal Puzzle	60.00	40	2400	
12. Toys .	300.00	40	12000	
13. Skipping Rope	60.00	31	1860	
14. Football	70.00	35	2450	
15. Volley Ball	70.00	35	2450	
16. Rubber Balls	50.00	33	1650	
17. Air pump	35.00	24	840	
18. Ring	50.00	31	1550	
19. Swing rope with tyre	35.00	39	1365	
20. Primary Science Kit	400.00	22	8800	
21. Mini Tool Kit	300.00	22	6600	
22- Mathematics Kit	300.00	22	6600	
23. Dictionaries	100.00	20	2000	
24. Encyclopaedia	100.00	21	2100	
25. Children's Books	1600.00	22	35200	
26. Magazine	450.00	39	17550	
27. School Bell	50.00	10	500	
28. Dholak or Tabla	100.00	22	2200	
29. harmonium	500.00	22	11000	
30. Manjira	50.00	22	1100	
31. Furniture for teachers	700.00	8	5600	
32. boxes	300.00	22	6600	
33. Black Board	400.00	7	2800	
34. Pin-up board	50.00	36	1800	
35. Chalk & Duster	30.00	57	1710	
36. Water facility	100.00	22	2200	66500
37. Trash Can	50.00	22	1100	155050
Total.....			155050	
Grand Total	7215.00		62000	217050

19

CHERPU Block/Municipality

APPENDIX - I.

TIRICHUR District.

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of schools are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

22

2

20

First Priority

(1) J.B.S. Cherpu.

LPS Ammadaw (1)

LPS Ammadaw

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Toilet	22	1	52,000	52000
2.	Well	3	1	5,000	5000
3.	Well/Drinking water facility	1	1	5,000	5000
Grand Total					62000

66500



APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

TRICHUR DISTRICT

BLOCK CHEERPU

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility			
(6)	ALPS Chevooy	5	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
(7)	ALPS Cheraman	25	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1		
(8)	ALPS Palippuram	15	1	4	4	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
(9)	St. Mary's ALPS Palissery	175	9	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
(10)	ALPS Palissery	100	1	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
(11)	DM LPS Panambikulam	90	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

2 8 8 6 5 9 6 11 10 11 11 8 10 11 6 6 6 6 6 6 6 10 3 6 6 6 5 6 4 11 13 2 4

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

TRICHUR DISTRICT

BLOCK **CHERPU**

Unit cost (in Rs)	5	25	15	175	100	90	120	60	300	60	70	70	50	35	400	300	300	100	100	..	45	50	100	100	50	700	300	400	500	30	100			
Name of schools	Pvt. I	Aided.II																																
	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
St. Roche's CA	E	1																																
LPS Perampalissery	R	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2	1	1	1	1	4	1	4	2	4	1	1
ALPS	E	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	2	1	2	2	2	2	6	6
Thaikattuss	R	2	2	2	1	2	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DM LPS.	E	3	6	2	3	1	1	1	1	6	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1
Pottuchira	R	1	1	1	1	1	1	2	2	1	2	2	2	1	1	2	1	1	1	1	1	1	2	1	1	1	1	8	1	8	1	8	1	1
CMB LPS	E	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1
Uoakam.	R	1	2	2	2	1	2	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	4	1	4	1	1	1	1	1
ALPS	E	1	4	4	1	2	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Perimechery	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ALPS	E	9	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Uoakam.	R	1	2	2	1	2	1	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1

4 6 8 9 4 9 6 11 11 7 8 8 6 6 7 11 6 6 6 6 6 6 6 11 2 6 6 6 2 6 2 11 14 4 1

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

TRICHUR DISTRICT

BLOCK **CHERPU**

Unit cost (in Rs)

Name of schools  
Pvt. I  
Aided. II

Sl. No.	Block	Category	Name of schools	Unit cost (in Rs)	Material	Qty	Cost
				5	Syllabus	4	20
				25	New book	1	25
				15	Teaching guides	1	15
				175	Maps	1	175
				100	Globe	1	100
				90	Educational charts	1	90
				120	Wisdom Block	1	120
				60	Bird Animal puzzle	1	60
				300	Toys	1	300
				60	Skipping rope	1	60
				70	Football	1	70
				70	Volley Ball	1	70
				50	Rubber ball	1	50
				35	Air pump	1	35
				50	Ring	1	50
				35	Swing rope	1	35
				400	Science kit	1	400
				300	Maths kit	1	300
				300	Mini tool kit	1	300
				100	Dictionaries	1	100
				100	Encyclopaedia	1	100
				..	Children's Book	1	..
				45	Magazine	1	45
				50	School Bell	1	50
				100	Dholak	1	100
				100	Harmonium	1	100
				50	Manira	1	50
				700	Furniture for Trs.	8	5600
				300	Boxes	1	300
				400	Black Board	8	3200
				500	Pin-up Board	4	2000
				80	Chal & Duster	8	640
				100	Water facility	1	100

RM LPS  
Arattupuzha  
EM LPS  
Kadlaseery  
KF LPS  
Ponjehery  
St. Marys  
KPS, Ollur  
EA LPS  
Vengissery

2 7 9 8 3 7 5 9 9 5 7 7 7 5 5 9 5 5 5 9 2 5 5 5 5 5 5 5 17 5 5 1

**BLACK**  
PROJECT REPORT FOR OPERATION BLACK BOARD IN . . . MALA . . .  
BLOCK OF TRICHUR . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . . . MALA . . . BLOCK/  
MUNICIPALITY/CORPORATION.

Malapuzha is one of the two blocks selected from Trichur District. The other block is Cherpu & Puthayannur. Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected. . . . . Malapuzha qualifies under the norms prescribed for selection during 1987-88. Malapuzha falls in . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCEERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . . . *Malya* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

P A R T - II

Two main componets of OB relevant to . . . *Malya* . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the varandha and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. . . . . *6000* the requirement is Rs. . . . . *6000* . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . . *6000* , . . at a unit cost of Rs. . . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . . . , the requirement is , . . . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . . 30)



The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 17.72 Crores. adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D. O. letter of Sri. Y. N. Chaturvedi, Joint Secretary (Schools) (D. O. No. F1-16/87-Sch. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

....

TRICHUR

ABSTRACT

MALB

District....	Unit Cost	No projected	Block total	
1. Building	60,000	1	60,000	60000
2- Toilet	5,000	1	5,000	5000
3. Well	15000	NIL		
Total			67000	
4. Syllabus	0.5	9	45	65000
5. Text books	25.00	11	275	
6. Teacher's Guides	15.00	24	360	
7. Maps	175.00	31	5425	
8. Plastic Globe	100.00	9	900	
9. Educational Charts	90.00	28	2520	
10. Wisdom Blocks	120.00	33	3960	
11. Bird and Animal Puzzle	60.00	44	2640	
12. Toys	300.00	44	13200	
13. Skipping Rope	60.00	37	2220	
14. Football	70.00	39	2730	
15. Volley Ball	70.00	45	3150	
16. Rubber Balls	50.00	38	1900	
17. Air pump	35.00	40	1400	
18. Ring	50.00	42	2100	
19. Swing rope with tyre	35.00	42	1470	
20. Primary Science Kit	400.00	33	13200	
20 Mini Tool Kit	300.00	25	7500	
22- Mathematics Kit	300.00	26	7800	
23. Dictionaries	100.00	27	2700	
24. Encyclopaedia	100.00	29	2900	
25. Children's Books	1600.00	25	40000	
26. Magazine	450.00	28	12600	
27. School Bell	50.00	13	650	
28. Dholak or Tabla	100.00	28	2800	
29. harmonium	500.00	41	20500	
30. Manjira	50.00	41	2050	
31. Furniture for teachers	700.00	3	2100	
32. boxes	300.00	24	7200	
33. Black Board	400.00	6	2400	
34. Pin-up board	50.00	44	2200	
35. Chalk & Duster	30.00	10	300	
36. Water facility	100.00	26	2600	65000
37. Trash Can	50.00	26	1300	175095
Total....				
Grand Total	7215.00		175095	240095
			57000	
				232095

APPENDIX - I.

*Mal*

Block/Municipality.

District. *Trichur*

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

26

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24

First Priority

*Govt. P.S. Maladoor LPS Maladoor (C) Nil*

Second Priority

*Nil.*

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Two Room Building	21	1	52,000	52,000
2.	Toilets	3	1	5,000	5,000
3.	Well/drinking water facility	2	Nil	5,000	-
Grand Total					57,000

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

District *Tanahun*

Sl. No.	Name of schools Govt. I Aided. II	BLOCK		District																																		
		Unit cost (in Rs.)		5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	400	300	300	100	100	50	50	70	300	50	300	50	300	50	50				
			Syllabus																																			
			Text Book																																			
			Teaching guides																																			
			Maps																																			
			Globe																																			
			Educational charts																																			
			Wisdom Block																																			
			Bird Animal puzzle																																			
			Toys																																			
			Skipping rope																																			
			Foot Ball																																			
			Volley Ball																																			
			Rubber ball																																			
			Air pump																																			
			Ring																																			
			Swing rope																																			
			Science kit																																			
			Maths Kit																																			
			Mini tool kit																																			
			Dictionaries																																			
			Encyclopaedia																																			
			Children's Book																																			
			Magazine																																			
			School Bell																																			
			Pholak																																			
			Harmonium																																			
			Manira																																			
			Furniture for Trg.																																			
			Boxes																																			
			Black Board																																			
			Pin-up Board																																			
			Chal & duster																																			
			Water facility																																			
			Trash Can																																			

Govt

G.L.P.S. mala

G.L.P.S. meladcor

Private Aided

St. Anthony's L.P.S.

Alalhur

G.L.P.S.

Ashtanichura



Mala

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

District Trichur

Sr. No.

Unit cost (in Rs.)

BLOCK

Sr. No.	Name of schools	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up.Board	Chal & duster	Water facility	Trash Can	50	
A.K.M. L.P.S.	E	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Poyya	R	2	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	1	2	2	2	1	1	1	2	1	1	1	1	
St. Mary's L.P.S.	E	2	4	6	2	2	3	1	1	1	4	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kazhikkattussery	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S.C. L.P.S.	E	12	12	1	10	1	25	1	1	1	4	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kolthalkal	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
E.F. L.P.S.	E	1	9	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kombadiyagommal	R	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
L.F. L.P.S.	E	8	8	1	8	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kumbidi	R	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
V. L.P.S.	B	4	8	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Kumerlassery	E	1	1	2	1	1	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
St. Mary's L.P.S.	B	4	4	4	6	1	25	1	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Krishnamolte	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	R	4	2	8	8	1	8	14	13	13	6	14	14	8	14	12	14	7	7	7	8	10	7	9	13	13	13	7	7	13	13	59	59	59	59	59	





BLACK

PROJECT REPORT FOR OPERATION BLACK BOARD IN Ottappada  
BLOCK OF Palghat . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep varandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . Ottappada . . . BLOCK/  
MUNICIPALITY/CORPORATION.

selected from . . . Ottappada . . . is one of the two blocks  
Block is Palghat . . . . . district. The other  
of . . . . . and Corporation/Municipality  
of . . . . . have been selected . . . . .  
Ottappada qualifies under the norms prescribed for selection  
during 1987-88 . . . Ottappada . . . falls in Palghat  
. . . . . Educational District and the Block/Municipal  
jurisdiction covers portions of . . . . .  
educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . *Thayyapada* . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to . . . *Thayyapada* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 13 . . . schools . . . 8 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 8 . . . buildings at a unit cost of Rs. . . . 6,000 . . . the requirement is Rs. 4,80,000 . . . For . . . 20 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 1,00,000 . . . at a unit cost of Rs. 5,000 . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . 1.2 . . . well at a unit cost of . . . 1,500 . . . , the requirement is . . . 1,80,000 . . . In other cases Managers will be made to make up for deficiencies, if any,

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The Construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 132190. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by Government of India in the enclosed guidelines to the D.O. letter of Sri. Y. B. Chaturvedi, Joint Secretary (Schools) (D.O. No. P1-16/87-Sch. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

PALGHAT

ABSTRACT

III

ATTIAPPA DI C

District....	Unit Cost	No projected	Block total	
1. Building	60,000	8	4,16,000	480000
2. Toilet	5,000	20	1,00,000	100000
3. Well	15,000	12	60,000	98000
Total			576000	598000
4. Syllabus	0.5	5	25	
5. Text books	25.00	15	375	
6. Teacher's Guides	15.00	17	255	
7. Maps	175.00	15	2625	
8. Plastic Globe	100.00	22	2200	
9. Educational Charts	90.00	22	1980	
10. Wisdom Blocks	120.00	22	2640	
11. Bird and Animal Puzzle	60.00	22	1320	
12. Toys	300.00	22	6600	
13. Skipping Rope	60.00	14	840	
14. Football	70.00	17	1190	
15. Volley Ball	70.00	19	1330	
16. Rubber Balls	50.00	17	850	
17. Air pump	35.00	18	630	
18. Ring	50.00	13	650	
19. Swing rope with tyre	35.00	18	630	
20. Primary Science Kit	400.00	22	8800	
21. Mini Tool Kit	300.00	22	6600	
22. Mathematics Kit	300.00	22	6600	
23. Dictionaries	100.00	22	2200	
24. Encyclopaedia	100.00	22	2200	
25. Children's Books	1600.00	15	24,000	
26. Magazine	450.00	22	1100	
27. School Bell	50.00	6	300	
28. Dholak or Tabla	100.00	22	2200	
29. harmonium	500.00	22	11000	
30. Manjira	50.00	22	1100	
31. Furniture for teachers	700.00	33	23100	
32. boxes	300.00	22	6600	
33. Black Board	400.00	20	8000	598000
34. Pin-up board	50.00	22	1100	132190
35. Chalk & Duster	30.00	25	750	730190
36. Water facility	100.00	16	1600	
37. Trash Can	50.00	16	800	
Total....	7215.00		132190	
Grand Total			576000	
			708190	

(22)

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
16	13	3	<p><del>GA.P. Mulli</del></p> <p>GA.P. Mulli</p> <p>GA.P. Kottamatt</p> <p>G.T.S. Sholayan</p> <p>GA.P. Paloor</p> <p>GA.P. Kakkaupadi</p> <p>GA.P. Kottiyankandi</p> <p>G.T.S. Kottalankandi</p> <p>GA.P. Karara</p>	<p>GA.P. Mulli (2)</p> <p>GA.P. Kottamatt (2)</p> <p>GA.P. Kulakkur (1)</p> <p>G.T.S. Sholayan (2)</p> <p>GA.P. Paloor (2)</p> <p>GA.P. Kakkaupadi (2)</p> <p>GA.P. Amavai (2)</p> <p>G.T.S. Kottiyankandi (2)</p> <p>GA.P. Agal (2)</p> <p>GA.P. Kottalankandi (2)</p> <p>GA.P. Karara (1)</p> <p><del>G.T.S. Karandi</del></p>	<p>GA.P. Kottamatt</p> <p>GA.P. Kulakkur</p> <p>G.T.S. Sholayan</p> <p>GA.P. Paloor</p> <p>" Kottiyankandi</p> <p>" Agal</p> <p>GA.P. Chindakki</p> <p>" Kottalankandi</p> <p>GA.P. Karara</p> <p>G.T.S. Karandi</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.	
1.	Two Room Building	5	8	62,000	416,000	
2.	Toilets	6	20	5,000	100,000	
3.	Well/drinking water facility	1	12	15,000	180,000	
Grand Total					576,000	598,000

*M. K. B. Prasad*

8

APPENDIX II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

BLOCK

DISTRICT

Sl. No.	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	BLOCK		DISTRICT		
			E	R	E	R	
	Syllabus	5					
	Text book	25					
	Teaching guides	15					
	Maps	175					
	Globe	100					
	Educational charts	90					
	Wisdom Block	120					
	Bird Animal puzzle	60					
	Toys	300					
	SKIPPING rope	60					
	Football	70					
	Volley Ball	70					
	Rubber ball	50					
	Air pump	35					
	Ring	60					
	Swing rope	35					
	Science kit	400					
	Maths Kit	300					
	Mini tool kit	300					
	Dictionaries	100					
	Encyclopaedia	100					
	Children's Book	..					
	Magazine	45					
	School Bell	50					
	Dholak	100					
	Harmonium	100					
	Manira	50					
	Furniture for Trs.	700					
	Boxes	300					
	Black Board	400					
	Pin-up Board	500					
	Chal & Duster	30					
	Water facility	100					

*G.P.S. Bulli*

*G.P.S. Kothamala*

*G.P.S. Kulakkoor*

*G.P.S. Skolayyer*

*G.P.S. Paloor*

*G.P.S. Kakupad*

A.H-11

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

*Pulgaol*

Unit Cost (in Rs)	Name of schools	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	TOYS	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility		
5																																				
15																																				
175																																				
100																																				
90																																				
120																																				
60																																				
70																																				
70																																				
50																																				
35																																				
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45																																				
50																																				
100																																				
100																																				
50																																				
700																																				
500																																				
400																																				
500																																				
80																																				
100																																				

5-748 Amavai  
748 Kotharkand  
748 Agali  
6178 Chinkaki  
5748 Kotharkand  
6178 Kotharkand





**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN PALGHAT  
BLOCK OF . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the Socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

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OPERATION BLACK BOARD IN . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

. . . . . is one of the two blocks selected from . . . . . District. The other block is . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected . . . . .  
. . . . . qualifies under the norms prescribed for selection during 1987-88 . . . . . falls in . . . . .  
. . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . .  
educational Sub Districts.

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main componets of OB relevant to . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. . . . . the requirement is Rs. . . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . . at a unit cost of Rs. . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist now is included. For digging . . . . . well at a unit cost of . . . . ., the requirement is . . . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. .... 30)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. . . . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

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While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.N. Chaturvedi, Joint Secretary (Schools) (D.O.No.P1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

PALGHAT

ABSTRACT

111

PALGHAT

District....	Unit Cost	No projected	Block total	
1. Building	60000 52,000	12 (1-11)	624000	60000
2- Toilet	5,000	21	105000	105000
3. Well	5,1500	7	35000	10500
Total			764000	175500
4. Syllabus	5	19	95	540000
5. Text books	25.00	33	825	1120000
6. Teacher's Guides	15.00	32	480	660000
7. Maps	175.00	41	7175	
8. Plastic Globe	100.00	36	3600	
9. Educational Charts	90.00	48	4320	
10. Wisdom Blocks	120.00	66	7920	
11. Bird and Animal Puzzle	60.00	66	3960	
12. Toys	300.00	66	19800	
13. Skipping Rope	60.00	52	3120	
14. Football	70.00	64	4480	
15. Volley Ball	70.00	65	4550	
16. Rubber Balls	50.00	66	3300	
17. Air pump	35.00	66	2310	
18. Ring	50.00	59	2950	
19. Swing rope with tyre	35.00	66	2310	
20. Primary Science Kit	400.00	66	26400	
20 Mini Tool Kit	300.00	66	19800	
22- Mathematics Kit	300.00	66	19800	
23. Dictionaries	100.00	58	5800	
24. Encyclopaedia	100.00	64	6400	
25. Children's Books	1600.00	42	67200	
26. Magazine	450.00	63	28350	
27. School Bell	50.00	-	-	
28. Dholak or Tabla	100.00	66	6600	
29. harmonium	500.00	66	33000	
30. Manjira	50.00	66	3300	
31. Furniture for teachers	700.00	31	21700	
32. boxes	300.00	66	19800	
33. Black Board	400.00	53	21200	
34. Pin-up board	50.00	66	3300	
35. Chalk & Duster	30.00	-	-	
36. Water facility	100.00	43	4300	175500
37. Trash Can	50.00	43	2150	360295
Total....			360295	535795
Grand Total	7215.00	43	764000	

1124295

Block/Municipality Belghat

APPENDIX - I.

(7)

District. Risal

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
43	21	22	Govt L.P. Belghat ii Belghat G.L.P. Jeevanam Jatinhanam Wazir Kulem Cherayakkuzhal Jeevanam W.L.P. Ezhakkad G.L.P. Cheray East G.T.W.L.P. Anakkal G.L.P. Kallur	G.L.P. Kottakkad (1) W.L.P. Kottakkad (1) Kandilassery (2) Cheray East (1) Jeevanam (2) Cheray East (1) Anakkal (2) Kottakkad (2) W.L.P. Anakkal (3) G.L.P. Kallur (1) Kallur (1)	G.L.P. Jatinhanam G.L.P. Cheray East G.L.P. Pirajit G.L.P. Jeevanam G.T.W.L.P. Anakkal G.L.P. Kallur G.L.P. Marutharode	

Sl. No.	Item.	Total No. of Rooms/Toilets now available in the Block.	Additional require-ment as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	20	12	1 x 5,000	60,000
2.	Toilets	21	21	21 x 5,000	1,05,000
3.	Well/drinking water facility	4	7	7 x 5,000	35,000
Grand Total					7,64,000

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

*Pulshat*

BLOCK

Sl.No:

Sl.No	Name of schools	Unit cost (in Rs)	Material	Reqd	Value
1	Pvt. I	5	Syllabus	2	10
			Text book	1	5
2	Aided. II	15	Teaching guides	2	30
			Maps	2	30
3	G.L.P.S. Puvathimhanthuri	175	Globe	1	175
			100	Maps	1
4	G.L.P.S. Marakuttam	90	Educational charts	2	180
			120	Wisdom Block	1
5	G.L.P.S. Munderi	60	Bird Animal puzzle	2	120
			300	Toys	1
6	G.L.P.S. Kinnalassery	60	SKipping rope	2	120
			70	Football	1
7	G.L.P.S. Cherayya	70	Volley Ball	2	140
			50	Rubber ball	2
8	Kangad II	35	Air pump	2	70
			60	Ring	1
9	Total Requirement	35	Swing rope	2	70
			400	Science kit	1
10		300	Maths Kit	1	300
			300	Minj tool kit	1
11		100	Dictionaries	2	200
			100	Encyclopaedia	1
12		..	Children's Book	1	..
			45	Magazine	1
13		50	School Bell	1	50
			100	Dholak	1
14		100	Harmonium	1	100
			50	Manira	1
15		700	Furniture for Trs.	1	700
			300	Boxes	1
16		400	Black Board	1	400
			500	Pin-up Board	1
17		80	Chal & Duster	6	480
			100	Water facility	1
18		50		6	300
			50		6



APPENDIX - II

BLOCK Palghat. (REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

Palghat.

Sl. No.	Unit cost (in Rs)	Name of schools Pvt. I Aided. II	Material	Quantity	Value
7	5		Syllabus	1	5
	25		Text book	1	25
	15		Teaching guides	1	15
	175		Maps	1	175
	100		Globe	1	100
	90		Educational charts	1	90
	120		Wisdom Block	1	120
	60		Bird Animal puzzle	1	60
	300		Toys	1	300
	60		Skipping rope	1	60
	70		Football	1	70
	70		Volley Ball	1	70
	50		Rubber ball	1	50
	35		Air. pump	1	35
	50		Ring	1	50
	35		Swing rope	1	35
	400		Science kit	1	400
	300		Maths Kit	1	300
	300		Mini tool kit	1	300
	10		Dictionaries	1	10
	100		Encyclopaedia	1	100
	..		Children's Book	1	..
	45		Magazine	1	45
	50		School Bell	1	50
	100		Dholak	1	100
	100		Harmonium	1	100
	50		Manira	1	50
	700		Furniture for Trs.	1	700
	300		Boxes	1	300
	400		Black Board	1	400
	500		Pin-up Board	1	500
	30		Chal & Duster	1	30
	100		Water facility	1	100
	5			1	5
7		EnLPS. Puthemkood		1	5
8		EnLPS. Kzhakkad		1	5
9		EnLPS. Chirayya East.		1	5
10		EnLPS. Odanur.		1	5
11		EnLPS. Pirajeri		1	5
12		EnLPS. padalikkad		1	5
		Total		2	10







**APPENDIX - II**

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

BLOCK

Unit cost (in Rs)

Name of schools  
Pvt. I  
aided. II

Sl. No.	Block	Name of schools	Unit cost (in Rs)	Books	Maps	Globe	Educational charts	Wisdom Block	Animals puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Hand tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Bones	Black Board	Pin up Board	Chal & Duster	Water facility	
		A.J.B.S.	5																																
		Nayani Puram	25																																
			15																																
			175																																
			100																																
			90																																
			120																																
			60																																
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			50																																
			700																																
			500																																
			50																																
			100																																

A.J.B.S.

Nayani Puram

Theruvu A.J.

B.S. park.

A.J.B.S.

Kizhakkam Puram

A.J.B.S.

Mucheri

A.L.P.S.

Mundoor

S.M.A.H.P.S.

Mundoor

ANNEX DIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Sl. No.	Name of schools Govt. I Aided. II	BLOCK		District																																
		Unit cost (in Rs.)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20													
		5	25	15	75	100	90	20	60	30	60	70	70	50	35	50	35	40	300	300	100	100	45	50	100	50	50	70	30	40	50	30	50	50		
		Syllabus	Text Book	Teaching guides	Mps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trg.	Boxes	Black Board	Pin-up. Board	Chal & duster	Water facility	Trash can	
54	ACM Kanjikulam	4	4	4	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	4	-	4	-	4	-	-		
55	ABPS Thrippalamund	5	5	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	-	2	1	5	5	5	
56	ANSS Vazhakkapam	6	6	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	-	3	-	7	-	7	7	
7	AKM JBS Kannanpuzha	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	-	1	-	2	2	2	1	2	-	2	-	7	7
	Dankar MINALPS	4	4	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	4	-	4	-	-	-	
	JBS Puzhan Kad	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	6	-	-	-	5	-	5	5	
	ACM Dan Kozh Poozha	7	7	-	2	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	7	-	7	-	7	-	-	-	
	JBS AD - Poozha	5	-	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	-	5	-	5	-	5	5	
		1	3	2	7	6	8	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	2	11	23	11	44	44	44		

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Sl.No.	Name of schools Govt. I Aided II	District																Total																			
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope		Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash Can	
	Unit cost (in Rs.)	5	25	15	175	100	30	20	60	300	0	70	70	50	35	50	35	40	300	300	100	100	100	45	50	100	50	50	30	30	005	30	100	50			
42.	N.N.M.B.S. Murdoor	7	-	-	30	-	-	-	-	-	15	-	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	-	4	4
43.	A.J.B.S. Manikkavary	-	1	1	50	-	10	-	1	1	3	-	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	5	1	1	1	5	5	5		

BLACK

PROJECT REPORT FOR OPERATION BLACK BOARD IN Pannani  
BLOCK OF Malappuram DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys, equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN Pannani BLOCK/  
MUNICIPALITY/CORPORATION.

Pannani is one of the two blocks selected from Malappuram District. The other block is Talassery. Besides, Municipal town of Pannani and Corporation/Municipality of Pannani have been selected. Pannani qualifies under the norms prescribed for selection during 1987-88. Pannani falls in Talassery Educational District and the Block/Municipal jurisdiction covers portions of educational Sub Districts.



The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . *Ponnani* . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Ponnani* . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . *45* . . . schools . . . *16* . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For *16* . . . buildings at a unit cost of Rs. *57,000* . . . the requirement is Rs. *832,000* . . . For *4* . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . *5000* . . . at a unit cost of Rs. . . . *70000* . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . *6* . . . well at a unit cost of . . . *5000* . . . , the requirement is . . . *30,000* . . . In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

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During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

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MADAPPURAM		AMBALA	TU	PONNANI	6
District....	Unit Cost	No projected	Block total		
1. Building	80,000	16 (1345)	8,32,000	780000	
2- Toilet	5,000	14	70000	70000	
3. Well	15000	6	80000	9000	
Total			9,32,000	859000	
4. Syllabus	<del>5,000</del>	25	125		
5. Text books	25.00	43	1075	506000	
6. Teacher's Guides	15.00	36	340	300000	
7. Maps	175.00	51	8925		
8. Plastic Globe	100.00	46	4600		
9. Educational Charts	90.00	52	4680		
10. Wisdom Blocks	120.00	83	9960		
11. Bird and Animal Puzzle	60.00	83	4980		
12. Toys	300.00	83	24900		
13. Skipping Rope	60.00	58	3480		
14. Football	70.00	79	5530		
15. Volley Ball	70.00	83	5810		
16. Rubber Balls	50.00	70	3500		
17. Air pump	35.00	45	1575		
18. Ring	50.00	64	3200		
19. Swing rope with tyre	36.00	83	2905		
20. Primary Science Kit	400.00	65	26000		
21. Mini Tool Kit	300.00	65	19500		
22- Mathematics Kit	300.00	65	19500		
23. Dictionaries	100.00	56	5600		
24. Encyclopaedia	100.00	81	8100		
25. Children's Books	1600.00	83	132800		
26. Magazine	450.00	83	37350		
27. School Bell	50.00	-	-		
28. Dholak or Tabla	100.00	83	8300		
29. harmonium	500.00	83	41500		
30. Manjira	50.00	83	4150		
31. Furniture for teachers	700.00	45	31500		
32. boxes	300.00	71	21300		
33. Black Board	400.00	15	6000	859000	
34. Pin-up board	50.00	83	4150	462285	
35. Chalk & Duster	30.00	140	4200	1321285	
36. Water facility	100.00	45	4500		
37. Trash Can	50.00	45	2250		
Total....	7215.00		462285		
Grand Total			932000		
					1394285

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
---------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

45	21	24	<u>1st Priority</u>			G.P.S Edappal (1)	
			G.M.L.P.S. Edappal	G.M.P.S. Edappal (1)			
			G.L.P.S. Kalady	G.P.S. Kalady (1)			
			G.H.W.L.P.S. Kalalamba	G.H.W.L.P.S. Kalalamba (2)			
			G.H.W.L.P.S. Marappanday				
			G. Basic L.P. Mathoo	G. Basic L.P.S. Mathoo (1)			
			G.L.P.S. Noringuramba				
			G.L.P.S. Perumparamba	G.L.P.S. Naringuramba (1)			
			G.L.P.S. Pappakara	" Perumparamba (1)			
			G.L.P.S. Sukkurparam	" Sukkurparam (1)			
			G.L.P.S. Thuyiam	" G.J.B.S. Vatakulam (1)			
			G.J.B.S. Vatakulam	" Kadampanad (1)			
			G.L.P.S. Kadampanad	" Kadampanad (1)			
			G.L.P.S. Kadampanad	" Kadampanad (1)			
			G.M.L.P.S. Perumparamba	" Kadampanad (1)			

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require-ment as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	(Continued)	13	22,000	286000
2.	Toilets		14	5,000	70000
3.	Well/drinking water facility		0	15,000	9000
Grand Total					859000

P. J. D.

APPENDIX - I.

Block/Municipality. *Ponnani*

District. *Malappuram*

Total number of Independent Primary Schools (LP) in the Block/ Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

			<i>G.F. LPS Ponnani</i>	<i>GLPS Theyyangad (1)</i>	<i>Govt Basu's LPS Mathur</i>	
			<i>GLPS Puranga</i>	<i>to Puranga (1)</i>	<i>GLPS Nari Puramba</i>	
			<i>Prinithy</i>		<i>or Kadavannad</i>	
			<i>GLPS Adikkannapuram</i>		<i>" Kanji Ramonkka</i>	
			<i>GLPS Theyyangad</i>		<i>+ GF LPS Ponnani</i>	
					<i>GLPS Vethi</i>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require-ment as per OB Norms.	Unit cost	Total-cost
1.	Two Room Building	61	16	52,000	8,32,000
2.	Toilets	23	14	5,000	70,000
3.	Well/drinking water facility	15	6	5,000	30,000
Grand Total					<u>9,32,000</u>

1000000000

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

M. L. S. P. S.

Sl. No.	Name of schools Govt. I Aided. II	BLOCK	District		Unit cost (in Rs.)																																
			5	25	15	175	100	50	20	60	300	60	70	70	50	35	50	35	40	300	300	100	100	45	50	100	50	50	70	100	50	30	100	50			
			Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	.Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up. Board	Chal & duster	Water facility	Trash Can	
1	G. L.P. Edappal	E	1	-	-	2	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	4	1	4	1	4	1	
		R	1	2	2	1	1	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	2	2	2	2	2	2	2	3	1	3	2	3	7	7	
	G.M.B. Edappal	E	2	2	7	2	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	1	4	1	4	1	
		R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	G. L.P.s. Kalady	E	11	11	11	6	12	3	1	1	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	1	10	1	4	1	9	1
		R	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	G. H.W. L.P.s.	E	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	5	1	4	1	5	1
	Kolokampal	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	G. H.W. L.P.s.	E	4	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	1	10	1	4	1	10	1
	Marapancheri	R	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	G. Basic C.P.s.	E	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	6	1	4	1	1	1
	Malkur	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Naiparamba	R	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	1	1	2	1	5	5	







Sl. No.

unit cost (in Rs)

Name of schools  
Govt. I  
Aided. II

Ordred LPS

Sl. No.	Name of schools	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Wash Can
22	A LPS Alakkuzh	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	AM LPS. Ayyalankad	12	12	12	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	JBS. Chakka	6	4	4	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	AM LPS. Kalediy	2	4	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	AM LPS. Koda	1	8	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	AM LPS. Koda	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	S.V. J.B.S. Kuttipala	10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

District





*M...*

APPEN DIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

*Malappuram*

Sl. No.

Sl. No.	Name of schools Govt. I Aided. II	BLOCK		Syllabus	Unit cost (in Rs.)	District	Quantity	Value
		Govt. I	Aided. II					
1	LPS. Pullan...	1	1	Syllabus	5	Malappuram	1	5
2	LPS. Pullan...	9	1	Text Book	25	Malappuram	10	250
3	LPS. Pullan...	14	1	Teaching guides	15	Malappuram	15	225
4	LPS. Pullan...	15	1	Maps	175	Malappuram	1	175
5	LPS. Pullan...	1	1	Globe	100	Malappuram	1	100
6	LPS. Pullan...	1	1	Educational charts	90	Malappuram	1	90
7	LPS. Pullan...	1	1	Wisdom Block	20	Malappuram	1	20
8	LPS. Pullan...	1	1	Bird Animal puzzle	66	Malappuram	1	66
9	LPS. Pullan...	1	1	Toys	300	Malappuram	1	300
10	LPS. Pullan...	1	1	Skipping rope	60	Malappuram	1	60
11	LPS. Pullan...	1	1	Foot Ball	70	Malappuram	1	70
12	LPS. Pullan...	1	1	Volley Ball	70	Malappuram	1	70
13	LPS. Pullan...	1	1	Rubber ball	50	Malappuram	1	50
14	LPS. Pullan...	1	1	Air pump	35	Malappuram	1	35
15	LPS. Pullan...	1	1	Ring	50	Malappuram	1	50
16	LPS. Pullan...	1	1	Swing rope	35	Malappuram	1	35
17	LPS. Pullan...	1	1	Science kit	400	Malappuram	1	400
18	LPS. Pullan...	1	1	Maths Kit	300	Malappuram	1	300
19	LPS. Pullan...	1	1	Mini tool kit	200	Malappuram	1	200
20	LPS. Pullan...	1	1	Dictionaries	100	Malappuram	1	100
21	LPS. Pullan...	1	1	Encyclopedia	100	Malappuram	1	100
22	LPS. Pullan...	1	1	Children's Book	100	Malappuram	1	100
23	LPS. Pullan...	1	1	Magazine	50	Malappuram	1	50
24	LPS. Pullan...	1	1	School Bell	100	Malappuram	1	100
25	LPS. Pullan...	1	1	Dholak	50	Malappuram	1	50
26	LPS. Pullan...	1	1	Harmonium	50	Malappuram	1	50
27	LPS. Pullan...	1	1	Manira	50	Malappuram	1	50
28	LPS. Pullan...	1	1	Furniture for Trp.	70	Malappuram	1	70
29	LPS. Pullan...	1	1	Boxes	30	Malappuram	1	30
30	LPS. Pullan...	1	1	Black Board	400	Malappuram	1	400
31	LPS. Pullan...	1	1	Pin-up Board	50	Malappuram	1	50
32	LPS. Pullan...	5	1	Chal & duster	30	Malappuram	6	180
33	LPS. Pullan...	9	1	Chalk	30	Malappuram	10	300
34	LPS. Pullan...	9	1	Eraser	30	Malappuram	10	300
35	LPS. Pullan...	9	1	Sticky	30	Malappuram	10	300

BLACK

PROJECT REPORT FOR OPERATION BLACK BOARD IN . . . Tanur . . .  
BLOCK OF . . . Malappuram . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . Tanur . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

. . . Tanur . . . is one of the two blocks selected from Malappuram . . . District. The other Block is . . . Ponnani . . . Besides, Municipal town of . . . and Corporation/Municipality of . . . Tanur . . . have been selected . . . . . Tanur . . . qualifies under the norms prescribed for selection during 1987-88. Tanur . . . falls in . . . . . Tanur . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . Tanw. . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to Tanw. . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 67 . . . schools . . . 72 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 6 buildings at a unit cost of Rs. ~~5000~~ 6000 the requirement is Rs. ~~100000~~ 360000 For . . . 71 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 105000 . . . . . at a unit cost of Rs. ~~5000~~ 15000 . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . 10 . . . . . well at a unit cost of . . . 15000 . . . , the requirement is 150000 . . . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. .... 30)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs 66.385. . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...4)



Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.N. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Pen.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

....

MALAPPURAM

ANURAGAPURAM

VII

THANUR.

(6)

District....	Unit Cost	No projected	Block Total.....	
1. Building	82,000	21 (6+15)	1092000	100000
2. Toilet	5,000	21	105000	10000
3. Well	15,000	10	50000	10000
Total			1247000	400000
4. Syllabus	5.00	25	125	
5. Text books	25.00	56	1400	
6. Teacher's Guides	15.00	48	720	
7. Maps	175.00	116	20300	
8. Plastic Globe	100.00	76	7600	
9. Educational Charts	90.00	55	4950	
10. Wisdom Blocks	120.00	124	14880	
11. Bird and Animal Puzzle	60.00	124	7440	
12. Toys	300.00	124	37200	
13. Skipping Rope	60.00	88	5280	
14. Football	70.00	118	8260	
15. Volley Ball	70.00	122	8540	
16. Rubber Balls	50.00	109	5450	
17. Air pump	35.00	122	4270	
18. Ring	50.00	95	4750	
19. Swing rope with tyre	35.00	124	4340	
20. Primary Science Kit	400.00	124	49600	
20 Mini Tool Kit	300.00	124	37200	
22- Mathematics Kit	300.00	124	37200	
23. Dictionaries	100.00	105	10500	
24. Encyclopaedia	100.00	119	11900	
25. Children's Books	1600.00	113	180800	
26. Magazine	450.00	67	30150	
27. School Bell	50.00	-	-	
28. Dholak or Tabla	100.00	112	11200	
29. harmonium	500.00	122	61000	
30. Manjira	50.00	124	6200	
31. Furniture for teachers	700.00	57	39900	
32. boxes	300.00	67	20100	
33. Black Board	400.00	37	14800	
34. Pin-up board	50.00	67	3350	
35. Chalk & Duster	30.00	231	6930	
36. Water facility	100.00	67	6700	
37. Trash Can	50.00	67	3350	
Total.....			666385	
Grand Total	7215.00		1247000	
			1913385	

ITHANUR. Block/Municipality.

Total number of Independent Primary Schools of (LP) in the Block/Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required. (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
67	29	38	<p><u>1st Priority</u></p> <p>1. G.L.P.S. Puthiyakadappuram                  2. G.M.L.P.S. Puthiyakadappuram                  3. G.L.P.S. Kenmanam                  4. G.M.L.P.S. Parappuram                  5. G.L.P.S. Rajimangalam East                  6. G.M.L.P.S. Adakkadappuram                  7. G.M.L.P.S. Panvannur.                  8. G.M.L.P.S. Kananchery.                  9. G.M.L.P.S. Kalpakanchery.                  10. G.M.L.P.S. Thalakadathur</p>			
				<p>11. G.M.L.P.S. Puthiyakadappuram (2)                  2. G.L.P.S. Keraladeswaram (3)                  3. G.L.P. Ozhodan. (2)                  4. G.M.L.P.S. Iored (2)                  5. G.M.L.P.S. Ajinani (2)</p>		

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building			60,000	
2.	Toilets			5,000	
3.	Well/Drinking Water Facility			5,000	

Grand Total

THANUR

Block/Municipality.

Malappuram

District.

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
---------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

- 2nd Semester
- |                                |                                |                                |                            |
|--------------------------------|--------------------------------|--------------------------------|----------------------------|
| 1. G. L.P. Ponmudam            | 6. G. L.P. elan-west (1)       | 11. G. L.P. Rayinimangalam (1) | 16. M.L.P. Kanan chery (1) |
| 2. G. L.P. Korakadisarappuzham | 7. G. L.P. Panappu-thadam (1)  | 12. G. L.P. Ponmudam (1)       |                            |
| 3. G. L.P. Chhees              | 8. G. L.P. Enigavoor (1)       | 13. G. L.P. Thalakkadathu (1)  |                            |
| 4. G. L.P. Korad               | 9. G. L.P. Cheruvannur (1)     | 14. G. L.P. Kelpikan chery (1) |                            |
| 5. G. H.L.P. Panangathi        | 10. G. L.P. Valavannur (1)     | 15. G. L.P. Kelpikan chery (1) |                            |
| 6. G. L.P. Rayinimangalam      | 11. G. L.P. Rayinimangalam (1) | 16. M.L.P. Kanan chery (1)     |                            |
| 7. G. L.P. Panappu-thadam      | 12. G. L.P. Ponmudam (1)       |                                |                            |
| 8. G. L.P. Enigavoor           | 13. G. L.P. Thalakkadathu (1)  |                                |                            |
| 9. G. L.P. Cheruvannur         | 14. G. L.P. Kelpikan chery (1) |                                |                            |
| 10. G. L.P. Valavannur         | 15. G. L.P. Kelpikan chery (1) |                                |                            |
| 11. G. L.P. Thanur             |                                |                                |                            |

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	81	21	52,000	Rs 1092.000/
2.	Toilets	37	21	5,000	105.000/
3.	well/drinking water facility	19	10	5,000	50.000/

Grand Total Rs: 12,47,000/.

TIHANUR  
BLOCK

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Malappuram DISTRICT

Sl. No.	Unit cost (in Rs)	Name of schools	Material	Quantity	Unit cost	Total
1	5	Pvt. I	Syllabus	3		15
			Text book	3		15
2	15	Aided. II	Teaching guides	1	15	15
			Maps	1	175	175
3	100		Globe	1	100	100
			Educational charts	1	90	90
4	120		Wisdom Block	1	120	120
			Bird Animal puzzle	1	60	60
5	300		Toys	1	300	300
			Skipping rope	1	60	60
6	70		Football	1	70	70
			Volley Ball	1	70	70
7	50		Rubber ball	1	50	50
			Air pump	1	35	35
8	60		Ring	1	60	60
			Swing rope	1	35	35
9	100		Science kit	1	100	100
			Maths Kit	1	300	300
10	300		Mini tool kit	1	300	300
			Dictionaries	1	100	100
11	100		Encyclopaedia	1	100	100
			Children's Book	1	0	0
12	45		Magazine	1	45	45
			School Bell	1	50	50
13	100		Dholak	1	100	100
			Harmonium	1	100	100
14	50		Manira	1	50	50
			Furniture for Trs.	4	700	700
15	300		Boxes	1	300	300
			Black Board	4	400	400
16	500		Pin-up Board	1	500	500
			Chal & Duster	4	80	80
17	100		Water Facility	1	100	100
				1	50	50

Government

L.P.S. Puthiyakada - Ppalam

L.P.S. Keraladeswara - Ppalam

L.P.S. Chhaya

M.L.P.S. Kerasad

U.M.L.P.S. Manali Ppalam

U.L.P.S. Clari west

Malappuram





THANUR - Block

APPENDIX - II  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Kolappuram DISTRICT

BLOCK		Name of schools		Material		Unit cost (in Rs)
Sl. No.		Pvt. I	Aided. II			
25	G.M.L.P.S. Kelpakombery	E	16	Syllabus	16	5
		R	10	Text book	10	15
6	G.M.L.P.S. Kamanchery	E	4	Teaching guides	4	175
		R	2	Maps	2	100
7	G.M.L.P.S. Manhachole	E	3	Globe	3	90
		R	2	Educational charts	2	120
7	G.M.L.P.S. Parappuram	E	1	Wisdom Block	1	60
		R	2	Bird Animal puzzle	2	300
7	G.M.L.P.S. Parappuram	E	1	Toys	1	60
		R	2	Skipping rope	2	70
7	G.M.L.P.S. Parappuram	E	1	Football	1	70
		R	2	Volley Ball	2	50
7	G.M.L.P.S. Parappuram	E	1	Rubber ball	1	35
		R	2	Air pump	2	50
7	G.M.L.P.S. Parappuram	E	1	Ring	1	35
		R	2	Swing rope	2	400
7	G.M.L.P.S. Parappuram	E	1	Science kit	1	300
		R	2	Maths kit	2	300
7	G.M.L.P.S. Parappuram	E	1	Mint tool kit	1	100
		R	2	Dictionaries	2	100
7	G.M.L.P.S. Parappuram	E	1	Encyclopaedia	1	..
		R	2	Children's Book	2	45
7	G.M.L.P.S. Parappuram	E	1	Magazine	1	50
		R	2	School Bell	2	100
7	G.M.L.P.S. Parappuram	E	1	Dholak	1	100
		R	2	Harmonium	2	50
7	G.M.L.P.S. Parappuram	E	1	Manira	1	700
		R	2	Furniture for Trs.	2	300
7	G.M.L.P.S. Parappuram	E	1	Boxes	1	400
		R	2	Black Board	2	500
7	G.M.L.P.S. Parappuram	E	1	pin-up Board	1	30
		R	2	Chal & Duster	2	100
7	G.M.L.P.S. Parappuram	E	1	Water facility	1	..
		R	2	Water facility	2	..
		E	1		1	
		R	2		2	



S. L. N. S.

Unit	Cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Mantra	Furniture for Trs.	Boxes	Black Board	Prep Board	Chal & Duster	Water facility		
<i>Private - Schools</i>																																				
AM LPS																																				
Konangli	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	9	10	6	10	10	
AM LPS	11	11	1	4	10																															
Pathing peo			2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	10	10	10	10	10	10	10	
AM LPS	4	4	4	4	5																															
Velli Kachisam	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	11	11	11	11	11	11	
AM LPS	13	13	11																																	
Tanaliy			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	11	11	11	11	11	11	
AM LPS	1	3	1	1	1	4				4																										
Bakana	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	4	4	4	4	4	4	4	
AM. LPS	6	6			1	10				2				2																						
K. Panam		2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	5

5 5 11 17 21 26 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200

BLOCK

Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
DLPS Puthu Kullangal	E	3	4	3	1	1	1	2	2	2	4	2	2	2	1	1	2	2	2	2	1	2	1	1	1	2	4	1	4	1	4	8	8		
DLPS Puthu Kullangal	R	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	1	6	1	4	1	6	1	
DLPS Puthu Kullangal	E	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	6	6	
DLPS Puthu Kullangal	R	1	2	2	1	1	1	2	2	2	1	2	2	2	2	1	2	2	2	2	2	2	1	1	1	2	8	1	8	1	4	1	4	1	
HLPS Omyachapuzha	E	10	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	4	8	8	
HLPS Omyachapuzha	R	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	4	1	4	1	4	1	4	1	
DLPS The lake Mathur	E	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4
DLPS Pavanellu	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DLPS Pavanellu	E	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DLPS Pavanellu	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DLPS Pavanellu	E	12	12	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DLPS Pavanellu	R	1	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	10	1	10	1	5	10	10	10	

Sl.No:

Sl.No	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	King	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's BOOK	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
1	AM LPS Kozhichuna	5		5	5	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	5	1	5	1	4	5	
2	AM LPS Kozhichuna	10		10	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	8	1	8	1	4	8	
3	AM LPS Kozhichuna	5		5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	12	1	11	1	4	11	
4	AM LPS Klari puttu	7		7	7	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	6	1	6	1	4	6	
5	AM LPS Klari puttu	7		7	7	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	6	1	6	1	4	6	
6	AM LPS Cheriyamunday	7		7	7	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	6	1	6	1	4	6	
7	AM LPS Makulathur	10		10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	8	1	8	1	4	8	
8	AM LPS Makulathur	10		10	10	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	8	1	8	1	4	8	



Sl. No.	Name of schools Govt. I Aided. II	Unit cost (in Rs.)	MATERIALS																																
			Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trp.	Boxes	Black Board	Pin-up, Board	Chal & duster	Water facility
54	AMLP Nettanchole	14	14	4	-	1	15	-	-	-	4	-	-	-	4	-	-	-	-	-	-	-	-	-	1	-	-	-	12	-	12	-	4	-	-
55	AMLP Vakkannur North	9	8	8	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	8	-	8	-	4	-	-
56	AMLP Varanakkara	4	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	4	-	4	-	-
57	AMLP Keramanthala	8	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	8	-	8	-	4	-	-
58	AMLP Cheerum kadappuram	10	10	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	-	8	-	4	-	-
59	AMLP Adharasari	8	-	-	-	-	10	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	8	-	8	-	4	-	-
60	AMLP Chittavoy	11	11	4	1	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	9	-	9	-	4	-	-
61	AMLP Chilivil West	11	10	10	-	1	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	8	-	8	-	4	-	-

District

5 25 15 15 10 9 20 6 3 6 7 7 5 35 50 25 40 30 30 10 10 10 45 5 10 50 50 70 10 10 5 3 10 50

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

BLOCK

District

		BLOCK															District																			
Unit cost (in Rs.)		5	25	15	17	10	90	20	66	360	0	70	72	50	35	50	35	400	300	300	100	100	45	50	100	50	50	70	30	40	05	30	15	5		
Name of schools		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Twine rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trp.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash Can	
12	AM LPS Thekkat	E	11	6	4	-	1	50	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	8	-	4	-	-	-
		R	-	-	-	2	1	-	2	2	-	2	2	2	2	-	2	2	2	2	2	2	2	1	-	2	2	2	1	1	1	1	4	8	8	
13	L M LPS Ponmunden North	E	10	9	9	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		R	-	-	-	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	-	2	2	2	1	1	1	1	4	9	9	-
	B M LPS Pazharam	E	9	5	5	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		R	-	-	-	2	1	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	-	2	2	2	-	1	1	1	1	5	5	-
	AM LPS Thozheny - East	E	5	1	1	-	6	2	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	1	-	-	-	4	-	8	-	4	-	-	-
		R	-	1	1	2	-	-	2	2	2	2	2	1	2	-	2	2	2	2	2	2	2	1	-	2	2	2	6	1	-	1	4	8	8	-
	AM LPS Thozheny - West	E	1	6	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	6	-	6	-	4	-	-	-
		R	1	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	-	2	2	2	-	1	-	1	2	6	6	-
	C.M. AM LPS Chinnakkal	B	2	3	3	-	1	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	8	-	8	-	4	-	-	-
		R	-	-	-	2	1	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	1	-	2	2	2	-	1	-	1	4	8	8	-
		R	25	56	48	116	76	51	24	24	88	118	122	100	122	95	124	124	124	124	124	124	124	119	67	12	12	12	57	67	37	62	35	67	69	-
		R	25	56	48	116	76	51	24	24	88	118	122	100	122	95	124	124	124	124	124	124	124	119	67	12	12	12	57	67	37	62	35	67	69	-

**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN WANDLOOR.  
BLOCK OF Malappuram . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN Wandloor . . . . BLOCK  
MUNICIPALITY/CORPORATION.

Wandloor is one of the two blocks selected from Malappuram district. The other block is Ponnani. Besides, Municipal town of . . . . and Corporation/Municipality of . . . . have been selected. Wandloor qualifies under the norms prescribed for selection during 1987-88. Wandloor falls in Malappuram Educational District and the Block/Municipal jurisdiction covers portions of Wandloor educational Sub Districts.

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NUREP and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher,

In *Wardas* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Wardas* . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . . . schools . . . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . . . buildings at a unit cost of Rs. 60000. the requirement is Rs. 280000 . . . . . For . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 205000 . . . . . at a unit cost of Rs. 5000 . . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging . . . . . well at a unit cost of . . . . ., the requirement is . . . . . In other cases Managers will be made to make up for deficiencies, if any.



The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 210685. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in appendix-II (contd. . . .)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.B. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Pch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

MALAPPURAM

ANNEXURE III

(6)

WANDOOOR.

District.....	Unit Cost	No projected	Block total	
1. Building	52,000.	30 (13+17)	1560000	280000
2- Toilet	5,000	41	205000	205000
3. Well	15,000	41 15	25000	22500
Total			4,36,0000	1,00,500
4. Syllabus	0.5	33	165	11nd purnity
5. Text books	25.00	66	1650	
6. Teacher's Guides	15.00	67	1005	17x60000
7. Maps	175.00	59	10325	102.0000
8. Plastic Globe	100.00	16	1600	
9. Educational Charts	90.00	82	7380	
10. Wisdom Blocks	120.00	114	13680	
11. Bird and Animal Puzzle	60.00	115	6900	
12. Toys	300.00	115	34500	
13. Skipping Rope	60.00	71	4260	
14. Football	70.00	109	7630	
15. Volley Ball	70.00	114	7980	
16. Rubber Balls	50.00	107	5350	
17. Air pump	35.00	121	4235	
18. Ring	50.00	108	5400	
19. Swing rope with tyre	35.00	115	4025	
20. Primary Science Kit	400.00	115	46000	
20 Mini Tool Kit	300.00	115	34,500	
22- Mathematics Kit	300.00	115	34,500	
23. Dictionaries	100.00	99	9900	
24. Encyclopaedia	100.00	115	11,500	
25. Children's Books	1600.00	118	1,88,800	
26. Magazine	450.00	114	51,300	
27. School Bell	50.00	-	-	
28. Dholak or Tabla	100.00	115	11,500	
29. harmonium	500.00	115	57,500	
30. Manjira	50.00	115	5750	
31. Furniture for teachers	700.00	130	91,000	
32. boxes	300.00	64	19,200	
33. Black Board	400.00	44	17,600	
34. Pin-up board	50.00	104	5200	
35. Chalk & Duster	30.00	-	-	
36. Water facility	100.00	69	6900	1,00,500
37. Trash Can	50.00	69	3450	21000
Total.....			7,10,185	1,21,818
Grand Total	7215.00		4,45,185	

25,50,685

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
----------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

69

42

27

First Priority.

- 1) G.LPs Pookuthu
- 2) G.LPs Adakkakundu
- 3) G.LPs Akkarakulam
4. GMLPs Kalikavu North
5. G.LPs Karuvarakundu
6. G.LPs Kizhakkethala
7. G.LPs Kurimbayil
8. G.LPs Kuyyampayil
9. G.LPs Koiha Kundu
10. GMLPs Mampuzha
- 11 G.LPs Mampuzha
12. G.LPs Pooroor
13. G.LPs Pongod
14. G.LPs Pulvaka

- G.LPs Vethikkatti (1) GMLPs Vethikkatti.
- GMLPs Kodasseri (1) ② GMLPs Pandikkad
- G.LPs Pookkuthu (1) ③ G.LPs Theyyampadikkali.
- G.LPs Theyyampadikkali (2) ④ G.LPs Chokkad Grinjan Colony.
- G.LPs Adakkakundu (1) ⑤ G.LPs Karuvarakundu
- G.LPs Akkarakulam (1) ⑥ G.LPs Kizhakkethala
- G.LPs Cherumba (1) ⑦ G.LPs Polli sseri
- G.LPs Chokkad Grinjan Colony (2) ⑧ G.LPs Pattachanakkundu
- GMLPs Kalikavu North (2) ⑨ G.LPs Payyakkode
- GMLPs Kallamoda (1) ⑩ G.LPs Thiruvati.
- G.LPs Karuvarakundu (1) ⑪ GMLPs Karampayil
- G.LPs Kizhakkethala (2) ⑫ G.LPs Pazhayadom.
- G.LPs Karimpayil (1)

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Room Building	24	30	13 X 52,000	156 0000 780 000
2.	Toilets	45	41	41 X 5,000	205 000 205 000
3.	Well drinking water facilities	27	15	15 X 15,000	75 000 22 500
Grand Total					486 000 100 28 000

Wandoor

Block/Municipality.

District. Malappiran

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
----------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

First Priority.

- |                            |                         |                          |
|----------------------------|-------------------------|--------------------------|
| 15. GMLPs Pullangode       | GMLPs Kuyyampal (1)     | (13) GMLPs Mampad North. |
| 16. GMLPs Payyakkode       | GMLPs Koihaikundu (1)   | (14) GMLPs Naduvakkad    |
| 17. GMLPs Kattumundu East. | GMLPs Mampuzha (1)      | (15) GMLPs Pallppadam    |
| 18. GMLPs Kattumundu West. | GMLPs Mundakkode (1)    |                          |
| 19. GMLPs Meppadam         | GMLPs Pollissery (2)    |                          |
| 20. GMLPs Naduvakkad       | GMLPs Pottanankundu (1) |                          |
| 21. GMLPs Pallppadam       | GMLPs Poovoor (2)       |                          |
|                            | GMLPs Pookulam (1)      |                          |
|                            | GMLPs Poongode (1)      |                          |
|                            | GMLPs Pulvatta (1)      |                          |

Second Priority

- |                          |                      |
|--------------------------|----------------------|
| 1. GMLPs Kodassery       | GMLPs Pullangod (1)  |
| 2. GMLPs Akkerakulam     | GMLPs Theeruvati (1) |
| 3. GMLPs Karuvarakkundu. | GMLPs Theeruvu (1)   |
| 4. GMLPs Mampuzha        | GMLPs Pazhayadam (2) |

Contd...

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building			52,000	
2.	Toilets			5,000	
3.	Well/drinking water facility			5,000	

Contd

Grand Total

Total number of Independent Primary Schools (LP) in the Block/ Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

Second Priority

5. GMLPS Thiruvattar  
 6. GMLPS Kattumundu East (1)  
 6. GMLPS Kattumundu West (1)  
 7. GMLPS Kattumundu East - GMLPS Nieppadam (1)  
 7. GMLPS Kattumundu West - GMLPS Naduvakkad (1)  
 8. GMLPS Naduvakkad - GMLPS Vadapuram (1)  
 9. GMLPS Pallippadam (1)  
 9. GMLPS Pallippadam.

(continuation)

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building			52,000	
2.	Toilets			5,000	
3.	Well/Drinking water facility			5,000	

Grand Total

APPENDIX - 11

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Malappuram DISTRICT

BLOCK Wandoor

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Mautra	Furniture for Trs.	boxes	Black Board	pin-up Board	Chal & Duster	Water facility	
1	govt G.L.Ps Vethikkattam	5																																		
2	govt y.m.L.Ps Pandiikkad	25																																		
3	govt y.m.L.Ps Kodassery	15																																		
4	govt G.L.Ps Valarad	175																																		
5	govt G.L.Ps pookkuth	100																																		
6	govt Theyyampadikkal	90																																		

APPENDIX - II  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Malappuram DISTRICT

Sl. No.		Name of schools		Unit cost (in Rs)		Materials													Total																											
		Pvt. I	Aided. II			Syllabus	Text book	Teaching aids	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Mantra	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility								
				5	25																																									
7	G.M.P.S. Odampetta			1	1	1	4	2	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
8	G.L.P.S. Adakkalcuru			2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	G.L.P.S. Akkarakulam			5	5	5	3	2	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
10	G.L.P.S. Amappoyil			4	10	3	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
11	G.L.P.S. Chadangankulam			1	9	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
12	G.L.P.S. Chesumba			4	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Total (2)				4	85	7	10	42	12	12	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	12	12	12	12	12	12	12	12	12	6	13	12	5	51	51					



Sl. No:

govt

Name of schools  
Pr. I  
Pr. II

G. H. P. S.  
Chokkad  
(Epirijam colony)

G. M. L. P. S.  
Kali kavu north

G. M. L. P. S.  
Kalla road

E. L. P. S.  
Karuvarakundu

E. L. P. S.  
Kizhakkhala

E. L. P. S.  
Kurumbayal

Sl. No.	Name of schools	Pr. I	Pr. II	Syllabus	Text book	Teaching aids	Maps	Globe	Educational charts	Wisdom Block	Birds Animal puzzle	Maps	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	King	Swing rope	Science kit	Maths Kit	Mini tool kit	Dic onarie	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Madira	Furniture for Trs.	Box	Black Board	Plump Board	Chalk & Duster	Water facility	(in Rs)		
1	G. H. P. S. Chokkad (Epirijam colony)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5			
2	G. M. L. P. S. Kali kavu north	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15			
3	G. M. L. P. S. Kalla road	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	175			
4	E. L. P. S. Karuvarakundu	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	200		
5	E. L. P. S. Kizhakkhala	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	90		
6	E. L. P. S. Kurumbayal	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	20		
7																																				60			
8																																					600		
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24																																						100	
25																																						100	
26																																						50	
27																																						700	
28																																						500	
29																																						400	
30																																						500	
31																																						20	
32																																							200

Malappuram

SPRICH

Name of schools	Unit	Quantity	Rate (Rs)	Total
Govt. I aided. II	5	1	5	5
	5	1	5	5
Govt. I aided. II	1	1	175	175
	1	1	200	200
Govt. I aided. II	2	1	30	30
	2	1	20	20
Govt. I aided. II	2	1	60	60
	2	1	300	300
Govt. I aided. II	2	1	60	60
	2	1	70	70
Govt. I aided. II	2	1	70	70
	2	1	50	50
Govt. I aided. II	2	1	35	35
	2	1	50	50
Govt. I aided. II	2	1	35	35
	2	1	400	400
Govt. I aided. II	2	1	300	300
	2	1	300	300
Govt. I aided. II	2	1	10	10
	2	1	100	100
Govt. I aided. II	2	1	45	45
	2	1	50	50
Govt. I aided. II	2	1	100	100
	2	1	100	100
Govt. I aided. II	2	1	50	50
	2	3	700	700
Govt. I aided. II	2	1	300	300
	2	6	400	400
Govt. I aided. II	2	1	50	50
	2	6	30	30
Govt. I aided. II	2	1	100	100
	2	1	100	100

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yort  
G. H. P. S. Kuyyampayyil  
G. H. P. S. Koilthakunda  
G. H. P. S. Champuzha  
Total =

Sl No.

Sl No.

Sl No.

Sl. No.

Name of schools  
Govt. I  
Aided. II

Govt.

			Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swi rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trg.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash Can
2.	GMLPS	E	-	-	-	5	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Mundakkode	R	-	-	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	4	-	4	-	4	
3.	G/LPS Pollisseri	E	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	-	4	-	4	-	5
		R	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	-	4	-	4	-	4	
4.	G/LPS, Pattanam Kundu	E	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	-	4	-	4	
		R	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5.	G/LPS, Pedayan- Thal	E	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	-	6	-	6	-	6
		R	2	2	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	-	1	-	1	-	1
	G/LPS Poovoor	E	4	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	4	-	4	
		R	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	-	1	-	1	-	1
	G/LPS, Pockulam	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	7	-	7	-	7	
		R	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	-	1	-	1	-	1
	G/LPS, Poonjod	E	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-	4	-	4	
		R	-	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7	1	3	1	7	7	7

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(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

malappuram District

VADAPPADAM BLOCK

Sl. No.	Name of schools	Govt. I	Aided. II	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up. Board	Chal & duster	Water facility	Trash can	Unit cost (in Rs.)		
6.	GMLPS, Kattumundu East.	E	R	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5	
7.	GMLPS, Kattumundu West.	E	R	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	
8.	GMLPS, Nampad North.	E	R	1	12	2	2	1	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	15	
9.	GMLPS Meppadam	E	R	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	
10.	GMLPS Naduvakka	E	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
1.	G.M.L.P.S. Vadappuram	E	R	8	8	8	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	25
2.	G.M.L.P.S. Dalppadam	E	R	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	25

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**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

W.M. Class. BLOCK

District Malappuram

Sl. No.	Name of schools Govt. I Aided. II	Unit cost (in Rs.)		Material																				Total											
		5	25	15	75	100	90	20	60	300	60	70	70	50	35	50	35	40	300	300	100	100	45		50	100	50	50	70	30	40	50	30	50	
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trf.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash Can
43	A.M.L.P.S. Valluvangad South	1	2	1	2	1	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	6	1	6	2	6	6	6
44	A.M.L.P.S. Valluvangad North	4	2	4	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	5	1	5	2	5	5	5	5
45	A.M.L.P.S. Veltikilathiripady	2	6	2	2	1	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6	1	6	2	6	6	6	6
46	A.A.K.P.S. Mandakalkunnu	6	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2	5	1	5	2	5	5	5	5
47	S.M.M.A.K.P.S. Pandikkad	9	8	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	8	1	8	2	8	8	8	8
48	C.M.A.K.P.S. Pandikkad	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	5	1	5	2	5	5	5	5
49	A.L.P.S. Pandikkad North	5	1	2	2	1	5	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	1	4	4	4	4
50	A.M.L.P.S. Veltikilathiripady	5	5	2	2	1	4	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	1	4	4	4	4
Total (R)		1	9	6	6	1	10	14	14	14	4	14	14	14	14	14	14	14	14	14	13	14	14	73	14	14	14	8	14	14	43	43	43	43	43

*pvt Aided*



Unit cost (in Rs.)	5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	40	300	300	100	100	100	100	100	50	70	300	05	30	50					
Name of schools	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Boxes	Pin-up Board	Chal & duster	Water facility	Trash Can	
g. Am. Lps Palakkode	E R	7 -	5 -	5 -	2 -	1 -	8 -	1 -	1 -	1 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -	2 -
A. Lps punnappala	E R	10 -	10 -	5 -	2 -	1 -	5 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
A. Lps Thodikkappulam	E R	1 -	5 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
Am. Lps hisuvai	E R	12 -	12 -	4 -	2 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
A. Lps ellamppuram	E R	9 -	9 -	9 -	4 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
A. M. Lps epalkamassei	E R	8 -	8 -	8 -	2 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
A. Lps (Madhav) wandoor	E R	1 -	20 -	10 -	2 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
A. Lps (Madhav) wandoor	E R	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
O. A. Lps Wandoor	E R	5 -	5 -	5 -	2 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -	1 -
Total (R)		2	-	1	4	-	6	14	4	14	6	13	14	13	14	14	14	14	14	11	14	14	14	14	14	14	14	14	8	14	14	55	55		

PVI-Aided



Sl. No.	Name of schools Govt. I Aided. II	Unit cost (in Rs.)	5	25	15	175	100	90	20-60	300	60	70	70	50	35	50	35	40	300	300	100	100	45	50	100	50	50	70	300	05	30	50					
			Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trf.	Boxes	Black Board	Pin-up. Board	Chal & duster	Water facility	Trash Can	
67	A.K.M.L.P.S Pongalloor	E R	10	10	10	2	1	1	2	2	2	4	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
68	A.M.L.P.S Pulode	E R	5	5	5	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
69	P.Y.M.L.P.S Odayikal	E R	1	5	1	2	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	4	1	4	4	
	(R)	E R	1	1	1	2	1	1	5	5	5	1	4	5	5	7	5	5	5	5	5	5	5	5	5	5	1	5	5	3	1	1	5	1	17	19	

BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN Kozhikode.  
BLOCK OF . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programmes.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . Kozhikode . . . . . BLOCK  
MUNICIPALITY/CORPORATION.

. . . Kozhikode . . . . . is one of the two blocks selected from . . . Kozhikode . . . . . district. The other Block is . . . . . Besides, Municipal town of . . . . . and corporation/municipality of . . . . . have been selected. . . . . qualifies under the norms prescribed for selection during 1987-88. . . . . falls in . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In *Wazhiedu rural* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Wazhiedu rural* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 25 . schools . 10 . . . . . schools require additional buildings of two rooms with the verandah and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For . . . 10 \$ buildings at a unit cost of Rs. . . . 2000 . the requirement is Rs. . . . 20000 . For . . . // toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . 5000 . . . at a unit cost of Rs. . . . 1000 . . . For construction purposes only Government schools are considered. As for provision of drinking water . . . facility, digging of well in schools where there exist non is included. For digging . . . . . 6 . . . well at a unit cost of . . . 1500 . . . , the requirement is . . . 9000 . . . In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . .)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1982. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1983; which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1983. The whole activity will be pursued as an intense campaign.

### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at ~~Rs. 36.2.02.75~~ <sup>Rs. 36.2.02.75</sup> adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II  
(contd...+)

:4:

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.B. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

....

Kozhikode

ANNEXURE III

Kozhikode B

District....	Unit Cost	No projected	Block total
1. Building	52000	10	520000
2- Toilet	5000	11	55000
3: Well	5000	6	30000
Total			605000
4. Syllabus	5000.5	34	170
5. Text books	25.00	36	900
6. Teacher's Guides	15.00	59	885
7. Maps	175.00	58	10150
8. Plastic Globe	100.00	25	2500
9. Educational Charts	90.00	57	5130
10. Wisdom Blocks	120.00	45	5400
11. Bird and Animal Puzzle	60.00	65	3900
12. Toys	300.00	80	24000
13. Skipping Rope	60.00	53	3180
14 Football	70.00	76	5320
15. Volley Ball.	70.00	78	5460
16. Rubber Balls	50.00	76	3800
17. Air pump	35.00	56	1960
18. Ring	50.00	64	3200
19. Swing rope with tyre	35.00	80	2800
20. Primary Science Kit	400.00	53	21200
20 Mini Tool Kit	300.00	53	15900
22- Mathematics Kit	300.00	53	15900
23. Dictionaries	100.00	30	3000
24. Encyclopaedia	100.00	51	5100
25. Children's Books	1600.00	45	72000
26. Magazine	450.00	82	36900
27. School Bell	50.00	5	250
28. Dholak or Tabla	100.00	56	5600
29. harmonium	500.00	56	28000
30. Manjira	50.00	56	2800
31. Furniture for teachers	700.00	62	43400
32. boxes	300.00	44	13200
33. Black Board	400.00	22	8800
34. Pin-up board	50.00	81	4050
35. Chalk & Duster	30.00	14	420
36. Water facility	100.00	45	4500
37. Trash Can	50.00	45	2250
Total....			362025
Grand Total	7215.00		605000
			967025

APPENDIX - I.

Kozhikode

Block/Municipality.

District. Kozhikode.

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
<u>First Priority</u>						
45	16	29	(1) LPS Baypore (2) FLPS Chaliyann. (3) G.W. LPS. Fezoke. (4) M.L.P.S. Kasuvanthuruthi (5) G.L.P.S. West Nalluz	LPS Baypore (1) LPS " West (2) Welfare LPS Fezoke (2) G.M. LPS Kasuvanthuruthi (1) G.L.P.S. Kocclathussopora (1) G.L.P.S. West Nalluz (1) G.L.P.S. Olavanna (1) G.L.P.S. Kacclandi (2)	G.L.P.S. Baypore West. LPS Chaliyann. G.W. LPS Fezoke. G.L.P.S. West Nalluz G.F. LPS Baypore. G.L.P.S. Minkalathakadavu	
<u>Second Priority</u>						
			(1) G.L.P.S. Kamunkallai (2) G.M. LPS " (3) G.F. LPS Baypore. (4) G.L.P.S. Olavanna (5) G.L.P.S. Kacclandi.			

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two room Building	42	10	3000	30000
2.	Toilets	21	11	5,000	55000
3.	Well/drinking water facility	10	6	5,000	30000
Grand Total					605000
					304000

Kozhikode BLOCK

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

District Kozhikode

Sl. No.	Name of schools Govt. I Aided. II	Unit cost (in Rs.)	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trp.	Boxes	Black Board	Pin-up Board	Dhal & duster	Water facility	Trash Can	
			5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	40	300	300	100	100	50	50	50	50	50	50	50	50	50	50	50	50		
Govt Schools.																																					
1	LPS Baypore		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	LPS Baypore South		1	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	2	2	3	1	3	2	3	1	1	1	
3	LPS Baypore West		1	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	2	2	5	1	1	2	1	1	1	1	
4	LPS Chaligam		8	2	2	2	1	2	1	2	2	4	1	2	2	2	2	2	2	1	1	1	1	1	2	1	2	2	4	1	8	2	8	1	8	1	
5	Fisheries LPS Chaligam		1	2	2	3	1	4	1	1	2	5	2	2	2	1	3	2	2	1	1	1	1	1	2	1	2	2	7	1	6	2	6	1	1	1	
6	Welfare LPS Fozzie		1	2	5	2	1	4	1	1	2	8	1	2	2	2	2	2	2	1	1	1	1	1	2	1	2	2	2	1	5	1	5	1	1	1	
7	LPS Baranankallai		1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	4	1	4	1	1	1	1	
8	LPS Baranankallai		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	1	4	1	1	1	
9	LPS Baranankallai		2	2	1	4	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	2	2	6	1	7	1	7	1	1	1	
			7	15	11	10	8	9	8		15	8	13	15	13	11	15	8	8	8	8	3	8	8	15	15	15	15	22	8	8	15	8	18	18	18	



APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

*Kozhikode* BLOCK

District *Kozhikode*

Sl. No.	Name of schools Govt. I Aided. II	Unit cost (in Rs.)		District																				Total												
		5	25	15	175	100	90	120	60	300	60	70	70	50	35	50	35	40	300	300	100	100	45		50	100	50	50	70	300	05	30	50			
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash Can	
9)	MLPS Kariyarthur	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	2	1	2	2	2	4	1	1	2	1	16	16	
10)	APS Koodathumpara	1	1	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11)	GLPS Nallur	1	1	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12)	LPS West Nallur	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
13)	RPS Baypose	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		2	2	2	1	1	2	1	2	2	2	2	2	2	2	1	1	2	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
14)	LPS ek. varma	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
15)	APS Pukattukadavu	1	1	1	3	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16)	LPS Enchalandi	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	2	2	1	1	2	1	2	2	1	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	2	2	4	1	1	1	1	1	1	1
		5	11	11	9	3	11	8	14	12	14	14	14	14	14	12	12	12	8	8	6	14	9	15	10	10	10	15	8	5	15	5	5	5	5	

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

District **Togohilsode**

Sl. No.	Name of schools Govt. I Aided. II	BLOCK		REQUIREMENT OF LEARNING AND TEACHING MATERIALS																									50								
		5	25	15	17	10	9	20	6	3	6	0	7	7	5	3	5	3	4	3	0	1	0	1	0	1	0	5		10	5	5	0	0	5	3	0
Unit cost (in Rs.)		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trp.	Boxes	Black Board	Pin-up Board	Chal & cluster	Water facility	Trash Can		
1)	M.M. AMPS Chaliyam	4	-	5	4	1	10	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	2	-	1	-	-	1	2	2	-	2	2	2	1	2	2	1	1	1	1	1	1	2	-	1	1	1	1	1	1	2	1	1	14	14	
2)	ALPS Chevuvannar	-	-	-	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3)	AMPS Chevuvannar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4)	ALPS Chevuvannar West	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		2	2	2	2	1	2	1	2	2	2	2	2	2	1	2	2	2	1	1	1	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	1
5)	Copthamge LPS Calicut	10	10	10	4	1	15	-	-	-	12	1	1	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	1	-	-	1	2	2	-	-	-	-	1	-	2	2	1	1	1	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	1
6)	ALPS - Feroke	1	10	10	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1	-	-	1	-	2	1	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	1
7)	ALPS Feroke	19	19	-	2	1	-	-	-	-	8	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	2	1	-	2	1	2	2	-	2	2	1	-	-	2	1	1	1	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	1	
8)	ALPS Feroke	4	4	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		-	-	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Aided Schools.



APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

~~Wazhikkod~~ BLOCK

District Wayanad

Unit cost (in Rs.)

5 25 15 175 100 90 20 60 300 60 70 70 50 35 50 35 40 300 300 100 100 55 50 100 50 50 70 200 50 30

Sl.No. Name of schools  
Govt. I  
Aided. II

Sl.No.	Name of schools	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dhak	Harmonium	Manira	Furniture for Trp.	BOXES	Black Board	Pin-up Board	Chal & du	Water fa	Trash Ca
33)	ALPS Mackamadi	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34)	ALPS Madhurasanthul-Kavmaliga	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35)	ALPS Nallathom	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36)	ALPS Nallathom	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37)	ALPS Chavanna	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38)	ALPS Celubare	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39)	Panchayat ALPS Chavanna	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40)	ALPS Pechumyakkam	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

4 11 9 11 3 11 8 13 13 7 13 13 14 8 13 13 9 9 8 8 8 14 1 8 8 8 5 7 13 6 11

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

District

Coimbatore

Unit cost (in Rs.)	5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	400	300	300	100	100	50	50	700	100	50	300	50	30	100	50
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Sl.No.	Name of schools Govt. I Aided.II	Requirement of Learning and Teaching Materials																																		
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trf.	Boxes	Black Board	Pin-up. Board	Chal & duster	Water facility	Trash Can	
41)	AMLS Thiruvayal	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42)	AMLS. S.M. Madrasa.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43)	AMLS Thattadathur	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4)	AMLS V.U.R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4)	AMLS S.M. Madrasa	8	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5)	AMLS Pottelad.	1	1	4	1	1	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	(Total R)	3	8	8	8	5	6	5	10	10	6	10	10	8	5	8	10	5	5	5	5	5	5	5	10	1	5	5	5	5	3	5	10	1	3	3
		30	69	59	58	57	57	65	80	53	75	78	76	56	64	80	53	53	53	30	51	45	52	5	5	5	5	5	62	4	2	8	14	9	23	23

BLACK

PROJECT REPORT FOR OPERATION BLACK BOARD IN B. ALUSSERY.  
BLOCK OF B. ALUSSERY KOTHIKODE DISTRICT, KERALA STATE

...

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . B. Alussery . . . BLOCK/  
MUNICIPALITY/CORPORATION.

selected from . . . *B. Alussery* . . . is one of the three blocks  
of . . . *Kozhikode & Nadolayam* . . . district. The other  
of . . . *Nadlagam* . . . and Corporation/Municipality  
of . . . *Kozhikode* . . . have been selected. *B. Alussery*  
qualifies under the norms prescribed for selection  
during 1987-88 . . . *B. Alussery* . . . falls in *B. Alussery*  
Educational District and the Block/Municipal  
jurisdiction covers portions of . . . *B. Alussery* . . .  
educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in... the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I.'s were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In *Balussery* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main componets of OB relevant to *Balussery* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . *86* . . . schools . . . *23* . . . schools require additional buildings of two rooms with the varandha and built in blackboards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . *12* . . . buildings at a unit cost of Rs. . . . *6,000* the requirement is Rs. . . . *72,000* . . . For . . . *22* . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . *1,10,000* . . . at a unit cost of Rs. . . . *5,000* . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging . . . *6* . . . well at a unit cost of . . . *15,000/-* . . . the requirement is . . . *90,000* . . . In other cubes Managers will be made to make up for deficiencies.

(contd. ....)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 3.599.95. adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II.

(contd...)



Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.K. Chaturvedi, Joint Secretary (Schools) (D.O.No.M-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

Kozhikode

ABSTRACT

III

BALUSSERY 6

District....	Unit Cost	No projected	Block total	
1. Building	60000 \$20000	23 (27)	1196000	20000
2- Toilet	5000	22	110000	110000
3. Well	1500	6	30000	0000
Total			1336000	
4. Syllabus	05	13	65	830000
5. Text books	25.00	33	825	printing
6. Teacher's Guides	15.00	32	480	0000x11
7. Maps	175.00	59	10325	
8. Plastic Globe	100.00	39	3900	10000
9. Educational Charts	90.00	36	3240	
10. Wisdom Blocks	120.00	80	9600	
11. Bird and Animal Puzzle	60.00	78	4680	
12. Toys	300.00	77	23100	
13. Skipping Rope	60.00	81	3660	
14. Football	70.00	75	5250	
15. Volley Ball	70.00	75	5250	
16. Rubber Balls	50.00	62	3100	
17. Air pump	35.00	75	2625	
18. Ring	50.00	59	2950	
19. Swing rope with tyre	35.00	77	2695	
20. Primary Science Kit	400.00	71	28400	
21. Mini Tool Kit	300.00	71	21300	
22- Mathematics Kit	300.00	71	21300	
23. Dictionaries	100.00	53	5300	
24. Encyclopaedia	100.00	70	7000	
25. Children's Books	1600.00	50	80000	
26. Magazine	450.00	74	33300	
27. School Bell	50.00	2	100	
28. Dholak or Tabla	100.00	71	7100	
29. harmonium	500.00	71	35500	
30. Manjira	50.00	71	2550	
31. Furniture for teachers	700.00	1	700	
32. boxes	300.00	75	22500	
33. Black Board	400.00	-	-	
34. Pin-up board	50.00	76	3800	829000
35. Chalk & Duster	30.00	-	-	00000
36. Water facility	100.00	60	6000	
B7. Trash Can.	50.00	60	3000	
Total....			359995	
Grand Total	7215.00		1336000	

1695995

APPENDIX I.

Block/Municipality. Balussery

District. Kozhikode

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
60	26	34	C.L.P. Kankapuzam G.M.L.P. Ummankulam G.M.L.P. Eramangalam Pomy Kinkor East Orattal Kakkancheri K.M.L.P. Kelakkad G.M.L.P. Peruvackal	G.M.L.P. Kankapuzam (1) G.M.L.P. Kankapuzam (1) G.M.L.P. Balussery (1) G.M.L.P. Eramangalam (2) Mannampuzha (1) Pomy (1) Orattal (1) Thiliyeri (1) Maruath (1) Kakkanchery (1) Atholi (1)	G.M.L.P. Pomy G.M.L.P. Panna <del>G.M.L.P. Vezhampuzha</del> G.M.L.P. Veerampuzha G.M.L.P. Pookkari G.M.L.P. Kakkanchery G.M.L.P. Neduvannur	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement (as per OB Norms.)	Unit cost	Total cost
1.	Two Room			70,000	
2.	Toilets			5,000	
3.	Well/Drinking water facility			5,000	

Grand Total

- Contd -

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
			GZP. Vakayad GLP. Neroth. GMLP. Kavunthara <u>18</u> GLP. Peenney Maccathumpuzha GMLP. Peenney GLP. Veenambaram " Palliyath " Balussery " Mannampuzha " Ulliyari " Mundath " Atkeli GMLP. Naduvannay	GMLP. Kollakkad (1) GLP. Kankencherry (1) Kakkayam (1) Vakayad (2) Neroth (2) GMLP. Naduvannay (2)		

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Pro Book Building	18	23	52,000	1196000 220000
2.	Toilets	30 <del>26</del>	22	5,000	110000 10000
3.	Well/drinking water facility	20	6	15,000	30000 9000
Grand Total					839000

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Block

Unit cost (in Rs.)

Name of schools  
Govt. I  
Aided. II

Govt. LPS

		5	25	45	75	100	150	200	300	400	500	600	700	800	900	1000	1200	1500	2000	3000	4000	5000	6000	7000	8000	9000	10000	15000	20000	30000	40000	50000	60000	70000	80000	90000	100000
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swg rope	Science kit	Maths Kit	First aid kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trp.	Boxes	Black Board	Pin-up board	Chalk & duster	Water facility	Trash Bin		
1.	Kanikapuram G.L.P.S.	1	2	4	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
2.	Poornam G.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3.	Madalkum peyil G.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4.	Poornam G.M.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5.	Kanikapuram G.M.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6.	Veeriambram G.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7.	Palleyalu G.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8.	Kanikulam G.M.L.P.S.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	4	3	3	6	6	13	13	9	13	13	12	13	11	13	13	13	13	5	11	7	13	13	13	13	13	12	13	13	52	52				

Kozhikode District

		BLOCK		District																																
Unit cost (in Rs.)		5	25	15	175	100	90	20	60	60	60	60	120	70	15	50	35	40	300	300	100	100	50	50	70	300	50	30	5							
Name of schools		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird animal puzzle	TOYS	skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trf.	Boxes	Black Board	Pin-up, Board	Chal & duster	Water facility	Trash Can	
Govt. I Aided. II																																				
9.	Balusseri GLPS	E	4	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	-	-	2	-	-	-	-	
		R	-	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	1	1	1	-	1	-	1	-	4	4	
10.	Erangan galem GLPS	E	1	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	-	-	2	-	-	-	-	
		R	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	-	2	2	2	2	-	2	-	2	-	8	8	
11.	Mannam poyil GLPS	E	4	-	-	3	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	-	4	-	4	-	4	-	-	-	
		R	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	1	1	-	1	-	1	-	4	4		
12.	Panayi GLPS	E	2	4	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	4	-	4	-	4	-	-	-	
		R	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	1	1	-	1	-	1	-	4	4		
13.	Kizhaloor East GLPS	E	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	-	2	-	2	-	-	-	
		R	-	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	-	2	2	2	2	-	2	-	2	-	7	7	
14.	Oravil GLPS	E	4	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	5	-	5	-	5	-	-	-	
		R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	-	1	-	1	-	5	5		
15.	Ulliyar GLPS	E	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	2	-	2	-	-	-	
		R	-	2	-	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	-	2	2	2	-	2	-	2	-	7	7	
16.	Mhondakk GLPS	E	5	-	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	4	-	4	-	4	-	-	-	
		R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	-	1	-	1	1	-	1	-	1	-	4	4	
			3	10	3	8	5	11	11	11	11	10	11	11	11	11	11	11	11	11	9	11	2	11	-	11	11	-	11	-	11	-	43	43		







APPEN DIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

District Kozhikode

Balusseri...C.D. BLOCK

		5	25	15	175	100	90	20	60	300	60	70	70	50	35	50	35	400	300	300	100	100	150	100	50	70	300	25	300	30	30			
		Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Slipping rope	Foot Ball	Volley ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trp.	Boxes	Black board	Pin-up board	Chal & duster	Water facility
31.	Pulhooor valtham AMLPS.	5	5	6	2																20			2				4		4		4		
32.	Balusseri AMLPS.	5	5		4	1	5				3						4							2				5		5		5		
33.	Eranamangalam KC AMLPS.	5	5	1	4	1																		1				4		4		4		
34.	Keechancheer AMLPS.	5	5	5	2		10																	1				4		4		4		
35.	Kanbikkave AMLPS.	5	5	5	2						2						2							1				4		4		4		
36.	Pulhooor valtham New AMLPS.	3			4		5																	1				5		5		5		
37.	Danangad West AMLPS.	6			2		4																	1				4		4		4		
38.	Lohiamemorial AMLPS.	5	5	5	2		4																	1				5		5		5		

Balusseri C.D. BLOCK

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

District Kozhikode

Name of schools Govt. I Aided. II	Unit cost (in Rs.)																5																			
	5	25	15	175	100	90	120	65	300	50	70	70	50	35	52	35		40	30	300	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trg.	Boxes	Black Board	Pin-up Board	Chal & duster	Water facility	Trash can		
Nirmalloor Govt ALPS.	1	4	-	6	1	10	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	6	-	6	-	6	-	-		
Vayalada ALPS.	1	6	-	3	2	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	4	-	4	-	4	-	4	-		
Thalayad ALPS.	1	13	13	4	1	35	-	-	-	5	1	1	1	1	2	-	-	-	-	1	-	-	2	-	-	2	11	-	11	-	11	-	11	-		
Mulleasi Govt AMLPS.	1	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	-	7	-	7	-	7	-		
Valliyoth Govt AMLPS.	1	7	-	4	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	6	-	6	-	6	-	6	-		
Kunnaikwara Govt AMLPS.	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	4	-	4	-	4	-		
Kolathoor Govt KVALPS.	4	4	-	2	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	4	-	4	-	4	-		
Thoorayi Govt ALPS.	1	6	6	3	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5	-	5	-	5	-	5	-		





(1)

PROJECT REPORT FOR OPERATION BLACK BOARD IN BADACHRA  
BLOCK OF KOZHIKODE DISTRICT, KERALA STATE.

1111

### POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the Socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc. form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

(Contd.....2)

(2)

OPERATION BLACK BOARD IN *BADAGARA* BLOCK/  
MUNICIPALITY/CORPORATION.

..... *BADAGARA* is one of the <sup>3</sup> Blocks selected from *KOZHIKODE* District. The other Block ~~are~~ *KOZHIKODE & BALUSSEKI* Besides, Municipal town of ..... *BADAGARA* and Corporation/Municipality of ..... *KOZHIKODE* have been selected. *BADAGARA* qualifies under the norms prescribed for selection during 1987-'88. .. *BADAGARA* falls in *KOZHIKODE* Educational District and the Block/Municipal jurisdiction covers portions of ..... educational sub districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government Schools, recognised aided institutions and local body schools alone have been included. Lower Primary Schools attached to Upper Primary and High Schools and T.T.I's were excluded. The data have been collected taking 30.9.1986 as the reference date.

The consolidated information on the number of Schools and the existing facilities and additionally required Vis - a - via buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I - Provision of Second Teacher

In ..... *BADAGARA* ..... as in all other blocks and municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the Project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Inservice Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

(Contd.....3)

P A R T - II

Two main components of OE relevant to BADAGRA Block are construction of buildings and toilets and provision of equipments specified under OE. They are treated as Part II and Part IV. Information on Part II requirements are shown in Appendix I (Government Schools only). Out of a total number of 50 schools 5 schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the Verandah. Designs, functionally efficient and unostentatious, will be finalised. For 5% buildings at a unit cost of Rs. 52,000 the requirement is Rs. 2,60,000. For 4 toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 20,000 at a unit cost of Rs. 5,000. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging 1 (one) well at a unit cost of 15,000, the requirement is 15,000. In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RLEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering Staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RLEGP. Excess material cost over the material labour ratio of 50 : 50 will be met by the P.T.A through local contribution. The PTA will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc. will be made use of to the extent practicable under individual circumstances.

(Contd.....4)

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RLGF will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer DRDA, DRDA Engineer, B.D.O., Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy Programmes will review the progress periodically. This will be in addition to the general review of NREP and RLGF by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31.12.1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

### PART III - LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained) The financial requirement for the procurement of the materials is calculated at Rs. 529675.... adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in appendix II. Replenishment of materials will be made by State Government in the case of Government schools. In the case of Aided schools, the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and IITIs will be procured by placing buy/1k orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and



(5)

approval of a Special Departmental Purchase Committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by Government of India in the enclosed guidelines to the D.O letter of Sri.Y.N.Chaturvedi, Joint Secretary (Schools) (D.O.No.FI-16/87 - Sch.II dated: 25th September 1987) will be obtained and provided. At present the number of schools in the Block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal Officer for the Block) and from the Deputy Director (nodal Officer in the revenue district) and quarterly progress reports will be submitted to Government of India.

ADURTHAGE

Badagara

Kopli'Kool

District....	Unit Cost	No projected	Block total.....	
1. Building	52000	5	260000	
2- Toilet	5000	4	20000	
3. Well	5000	1	5000	
Total			285000	
4. Syllabus	0.5	16	80	
5. Text books	25.00	24	600	
6. Teacher's Guides	15.00	55	825	
7. Maps	175.00	77	13475	
8. Plastic Globe	100	59	5900	
9. Educational Charts	90.00	45	4050	
10. Wisdom Blocks	120.00	81	9720	
11. Bird and Animal Puzzle	60.00	81	4860	
12. Toys	300.00	81	24300	
13. Skipping Rope	60.00	35	2100	
4 Football	70.00	78	5460	
15. Volley Ball	70.00	70	4900	
16. Rubber Balls	50.00	73	3650	
17. Air pump	35.00	78	2730	
18. Ring	50.00	51	2550	
19. Swing rope with tyre	35.00	79	2765	
20. Primary Science Kit	400.00	71	28400	
21 Mini Tool Kit	300.00	81	24300	
22- Mathematics Kit	300.00	81	24300	
23. Dictionaries	100.00	67	6700	
24. Encyclopaedia	100.00	80	8000	
25. Children's Books	1600.00	34	54400	
26. Magazine	450.00	81	36450	
27. School Bell	50.00	35	1750	
28. Dholak or Tabla	100.00	80	8000	
29. harmonium	500.00	81	40500	
30. Manjira	50.00	81	4050	
31. Furniture for teachers	700.00	129	90300	
32. boxes	300.00	280	84000	
33. Black Board	400.00	21	8400	
34. Pin-up board	50.00	283	14150	
35. Chalk & Duster	30.00	17	510	
36. Water facility	100.00	50	5000	
37. Trash Can	50.00	50	2500	8.151
Total....				
Grand Total	7215.00		529675	
			285000	
			814675	

Badagara

APPENDIX - I.

(7)

Block/Municipality.

District. Kozhikode

Total number of Independent Primary Schools (IP) in the Block/Municipality.	No. of Govt. S.P. Schools.	No. of Aided S.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
50	7	43	1) G.S.P.S Ashim. 2) G.M.S.P.S Onchizun. 3) G.P.S Mutunget. 4) G.F.P.S Kurizade. 5) G.F.P.S Madappaly.	① G.M.S.P.S Anjand 2) G.S.P.S Anjand. 3) G.F.P.S Madakkal. 4) G.F.P.S Kurizade. ①	① G.M.S.P.S Onchizun.	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Class rooms	7	5	52,000	2,60,000
2.	Toilets	10	4	5,000	20,000
3.	Well/dinking water facility	6	1	5,000	5,000
Grand Total					<u>2,85,000</u>

*Badaga*

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

*Kodagu*

BLOCK

District

Sl. No.	Name of schools Govt. I Aided. II	Syllabus	Unit cost (in Rs.)																				5										
			5	25	15	17.5	10	9	20	6	3	6	0	20	70	50	35	50	35	40	300	300		100	100	150	100	50	70	300	05	30	15
			Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Science kit	Maths Kit	Mini tool kit	Dictionaries	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black board	Pin-up board	Chal & duster	Water facility	Trash can
1	Govt. JBS Agriyoor (5)		X	3	1	3	5	X	X	X	X	X	X	X	X	X	1	X	X	X	75	X	1	X	X	X	4	4	5	4	4		
2	Govt. JBS Agriyoor (5)		X	2	X	1	X	2	2	2	2	2	2	2	2	2	1	2	2	2	75	2	X	2	2	2	1	5	7	5	1		
3	F.L.S Madhikane Kamalchane (4)		1	X	X	X	X	X	X	X	X	X	X	X	X	X	1	1	1	1	50	X	1	1	1	1	3	4	4	4	4		
4	F.L.S Madappally (5)		1	X	X	X	X	X	X	X	X	X	X	X	X	X	1	1	1	1	50	X	X	X	X	X	5	4	5	4	4		
5	Govt. JBS Anchiyan (5)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	1	1	1	1	65	X	X	X	X	X	4	4	4	4	4		
6	F.L.S Mutungal Chok (6)		6	1	1	X	X	X	X	X	X	X	X	X	X	X	1	1	1	1	5	10	X	X	X	X	6	4	6	4	6		
7	F.L.S Kuriyadi Chok (9)		1	X	X	X	X	X	X	X	X	X	X	X	X	X	1	1	1	1	50	X	X	X	X	X	9	9	9	9	9		
8	Govt. JBS Agriyoor (4)		6	5	X	X	X	X	X	X	X	X	X	X	X	X	1	1	1	1	50	X	X	X	X	X	3	2	4	2			
			4	12	11	11	9	10	13	13	13	13	13	13	13	13	7	3	3	7	13	3	13	5	13	13	3	12	1	12	3		

Sl. No.

Unit cost (in Rs.)

Name of schools  
Govt. I  
Aided. II

Sl. No.	Name of schools	Syllabus	Text Book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Foot Ball	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionary	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Marira	Furniture for Trif.	Boxes	Black Board	Spin-up Board	Chal & duster	Water facility	Trash Can
1	Jam padika MLPS Ajhmer	1	5	2	2	1	4	2	2	2	2	2	2	1	2	1	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	Ajmer Central LPS Ajhmer	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	Bambale LPS	7	7	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	Bambale MLPS	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	Bambale West LPS	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	Bambale North LPS	8	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	Bambale MLPS	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	Bambale LPS	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

District











APPEN DIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Sl. No.	Name of schools Govt. I Aided.II	BLOCK	District		Unit cost (in Rs.)
			Block	District	
		Syllabus			5
		Text Book			25
		Teaching guides			15
		Maps			175
		Globe			100
		Educational charts			90
		Wisdom Block			20
		Bird Animal puzzle			60
		Toys			300
		Skipping rope			60
		Foot Ball			70
		Volley Ball			70
		Rubber ball			50
		Air pump			35
		Ring			50
		Science kit			35
		Maths Kit			40
		Mini tool kit			300
		Dictionaries			300
		Encyclopaedia			100
		Children's Book			100
		Magazine			45
		School Bell			50
		Dholak			100
		Harmonium			50
		Manira			50
		Furniture for Trg.			700
		Boxes			300
		Black Board			50
		Fan up. Board			50
		Chal & duster			30
		Water facility			50
		Trash Can			50

uyipra LPS  
kumjabin

uvripada  
Palli kummi ML

**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, Local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN . . . . . DISTRICT, KERALA STATE  
MUNICIPALITY/CORPORATION.

. . . . . is one of the two blocks selected from . . . . . District. The other block is . . . . . Besides, Municipal town of . . . . . and Corporation/Municipality of . . . . . have been selected . . . . . . . . . . qualifies under the norms prescribed for selection during 1987-88 . . . . . falls in . . . . . Educational District and the Block/Municipal jurisdiction covers portions of . . . . . educational Sub Districts.

:2:

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to . . . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 115 . . . schools . . . 11 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 44 . . . buildings at a unit cost of Rs. . . . 600 the requirement is Rs. . . . 266000 . . . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . 45000 . . . . . at a unit cost of Rs. . . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . . . well at a unit cost of . . . . . , the requirement is . . . . . 16500 In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds, operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 4.74.00 . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also given in Appendix-II (contd...+)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y. B. Chaturvedi, Joint Secretary (Schools) (D.O.No. F1-16/87-Gen. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

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wayanad

ABSTRACT

(32)

District....	Unit Cost	No projected	Block Total.....	
1. Building	<del>60000</del> 52000	14 (11+3)	<del>228000</del>	660000
2- Toilet	5000	9	<del>45000</del>	45000
3. Well	15000	11	<del>53000</del>	16500
<b>Total</b>			<del>828000</del>	<b>721500</b>
4. Syllabus	0.5	26	130	
5. Text books	25.00	31	775	71 <sup>st</sup> priority
6. Teacher's Guides	15.00	43	645	60000x3
7. Maps	175.00	65	11375	180000
8. Plastic Globe	100	40	4000	
9. Educational Charts	90.00	38	3420	
10. Wisdom Blocks	120.00	71	8520	
11. Bird and Animal Puzzle	60.00	71	4260	
12. Toys	300.00	71	21300	
13. Skipping Rope	60.00	55	3300	
14. Football	70.00	62	4340	
15. Volley Ball	70.00	66	4620	
16. Rubber Balls	50.00	59	2950	
17. Air pump	35.00	62	2170	
18. Ring	50.00	53	2650	
19. Swing rope with tyre	38.00	69	2613	
20. Primary Science Kit	400.00	69	27600	
20 Mini Tool Kit	300.00	69	20700	
22- Mathematics Kit	300.00	69	20700	
23. Dictionaries	100.00	61	6100	
24. Encyclopaedia	100.00	63	6300	
25. Children's Books	1600.00	52	83200	
26. Magazine	450.00	69	31050	
27. School Bell	50.00	19	950	
28. Dholak or Tabla	100.00	61	6100	
29. harmonium	500.00	61	30500	
30. Manjira	50.00	61	3050	
31. Furniture for teachers	700.00	69	48300	
32. boxes	300.00	275	82500	
33. Black Board	400.00	19	7600	
34. Pin-up board	50.00	275	13750	721500
35. Chalk & Duster	30.00	19	570	471600
36. Water facility	100.00	40	4000	1193100
37. Trash Can	50.00	40	2000	
<b>Total.....</b>			<del>471600</del>	<b>129</b>
<b>Grand Total</b>	<b>7215.00</b>		<del>828000</del> <u>1299600</u>	

Wyanad

Wyanad

APPENDIX - I.

Block/Municipality.

District. Wyanad.

Total number of Independent Primary Schools (IP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
45	22	23	1) G.P.S Kambalathu Vayal. 2) G.P.S Kumbhuru. 3) G.P.S Pullichal. 4) G.P.S Kaitthalilal. 5) G.P.S Kuppulthodu. 6) G.P.S Oranappara. 7) G.P.S Valeri. 8) G.P.S Mulakkimale. 9) G.P.S Kaitthakolli. 10) G.P.S Edayarakkunnu. 11) G.P.S Mangalasseri. 12) G.P.S Mangalasseri.	1) G.P.S Kambalathu Vayal. 2) G.P.S Poyyingerly. 3) G.P.S Mangalasseri. 4) G.P.S Pullichal. 5) G.P.S Porur. 6) G.P.S Oranappara.	1) G.P.S Kumbalathu Vayal. 2) G.P.S Kumbhuru. 3) G.P.S Paliara. 4) G.P.S Pullichal. 5) G.P.S Poyyingerly. 6) G.P.S Porur. 7) G.P.S Pullichal. 8) G.P.S Vithambikulam. 9) G.P.S Valeri. 10) G.P.S Mulakkimale. 11) G.P.S Kaitthakolli. 12) G.P.S Edayarakkunnu. 13) G.P.S Mangalasseri.	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Room Building	33	14	60,000	828,000
2.	Water		11+3	52,000	728,000
3.	Well/Drinking Water Facility	11	9	5,000	45,000
			11	15,000	165,000
Grand Total					8,28,000/- = 7,21,500/-



APPENDIX - I.

Block/Municipality.

District.

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

14) G.P. Pulvelichan,  
 13) G.P. Poyyilangthay  
 14) G.P. Rethallem  
 etc.

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost.	Total cost.
1.	Two Room Building			50000	
2.	Toilets			5,000	
3.	Well/drinking water facility			5,000	

Grand Total

REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

BLOCK

Sl. No.	Unit cost (in Rs)	Name of schools	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
1	5	Pvt. I Aided. II																																		
2	25																																			
3	15																																			
4	175																																			
5	100																																			
6	90																																			
7	120																																			
8	60																																			
9	300																																			
10	60																																			
11	70																																			
12	70																																			
13	50																																			
14	35																																			
15	50																																			
16	35																																			
17	400																																			
18	300																																			
19	100																																			
20	100																																			
21	45																																			
22	50																																			
23	100																																			
24	50																																			
25	700																																			
26	300																																			
27	400																																			
28	500																																			
29	30																																			
30	100																																			

6 40 9 40 9

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

.....DISTRICT

BLOCK		Unit cost (in Rs)																																		
Name of schools Pvt. I Aided. II			Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility		
G.L.P.S	4	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
PALIANA	4	25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
G.L.P.S	4	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
PALVELICHAM	4	175	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
G.L.P.S	9	100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Puyingeltery	9	100	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G.L.P.S	5	90	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PALLIKAL	5	90	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G.L.P.S	4	120	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PORUR.	4	120	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

SI. NO.

9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

BLOCK

DISTRICT

Sl. No.	Name of schools	Pvt. I Aided. II	Block		Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	Estimate cost (in Rs)		
			E	R																																				
1	G.L.P.S		4	E	5	25																																5		
	Kuppalthode		R			15																																		
2	G.L.P.S		4	E	1																																			
	Aranappara		R		4																																			
3	G.L.P.S		4	E	8																																			
	Valeri		R		1																																			
4	G.L.P.S		4	E	2																																			
	Makkimale		R		6																																			
5	G.L.P.S		4	E	1																																			
	Kaithakkhally		R		8																																			

Sl. No. 1 2 3 4 5

APPENDIX - 11

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

BLOCK

Unit cost (in Rs)	Name of schools	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionary	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
5																																			
25																																			
15																																			
175																																			
100																																			
90																																			
120																																			
60																																			
300																																			
60																																			
70																																			
70																																			
50																																			
35																																			
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100																																			
100																																			
50																																			
700																																			
300																																			
400																																			
500																																			
30																																			
100																																			

S

G.L.P.S 4  
Edayoorukunnu  
G.L.P.S 4  
Mangalassery  
A.L.P.S 10  
KANIYARAM  
St. Joseph's  
L.P.S  
PILAKAVE  
A.L.P.S 8  
ROKKADAVIL

E																																			
R																																			
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3 3 3 3 22 15 13 15 13

~~INDIA~~  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

BLOCK

Unit cost (in Rs)	BLOCK		DISTRICT																														
Name of schools Pvt. I Aided. II	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
5	25	15	175	100	90	120	60	300	60	70	70	50	35	50	35	100	300	300	100	100	..	45	50	100	100	50	700	300	400	500	30	100	
A.K.P.S	8 E	x	x	1	1	10	x	x	x	3	x	x	x	x	x	x	x	x	x	x	x	60	x	1	x	x	x	7	8	18	4	9	
CHERUKARA	R	1	2	1	1	10	2	2	2	x	2	2	2	2	2	2	2	2	2	2	2	4	x	x	x	x	4	8	18	4	4		
National L.P.S	E	4	4	1	1	10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1	1	1	1	1	4	4	4	4	4		
OZMAKHADI	R	x	x	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	x	1	x	x	5	5	5	5	5		
National A.L.P.S	E	1	5	1	1	10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1	1	1	1	1	1	6	6	6	6		
EDAVAKA	R	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	120	x	1	x	x	8	8	8	8	8		
NIRMALA	8 E	8	8	1	1	10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	120	x	1	x	x	8	8	8	8	8		
L.P.S	R	x	x	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	x	2	x	2	2	2	8	8	8	8	
ALATTIK	R	x	x	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	x	1	x	x	x	6	6	6	6	6		
JAIHIND	6 E	7	7	6	6	28	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1	x	x	x	6	6	6	6	6		
L.P.S VALAT	R	x	x	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	x	2	2	2	2	16	16	16	16		

24 182 15 182 15





APPENDIX - 11

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

Sl. No.	BLOCK		Unit cost (in Rs)	Name of schools		Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
	Unit	Cost		Pvt. I	Aided. II																																	
36	ST PAUL'S	L.P.S	8	E	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
		KUNNU	R	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
37	Pazhassi Raja	L.P.S	8	E	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		PANDIKADAVU	R	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
38	ST. MARLIN'S	L.P.S	8	E	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
		ONDAYANGADI	R	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
39	S.A.L.P.S	L.P.S	4	E	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		THIRUNELLY	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	D.C.M.L.P.S	L.P.S	4	E	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		THIRUNELLY	R	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

580 210 31 250 19 25 19



BLACK  
PROJECT REPORT FOR OPERATION BLACK BOARD IN Pappanamudi  
BLOCK OF Cannanore DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the Socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. It lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN Pappanamudi BLOCK/  
MUNICIPALITY/CORPORATION.

Pappanamudi is one of the two blocks selected from Cannanore District. The other block is Pappanamudi. Besides, Municipal town of Pappanamudi and Corporation/Municipality of Cannanore have been selected. Pappanamudi qualifies under the norms prescribed for selection during 1987-88. Pappanamudi falls in Pappanamudi Educational District and the Block/Municipal jurisdiction covers portions of Pappanamudi educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

P A R T - II

Two main components of OB relevant to . . . Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 84 . . . schools . . . 21 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandah. Designs, functionally efficient and unostentatious, will be finalised. For . . . 9 . . . buildings at a unit cost of Rs. . . . the requirement is Rs. . . . For . . . 24 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. . . . at a unit cost of Rs. . . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . well at a unit cost of . . . , the requirement is . . . In other cases Managers will be made to make up for deficiencies, if any.

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 83.78.90, adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd...))

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri.Y.S. Chaturvedi, Joint Secretary (Schools) (D.O.No. P1-16 '87-Ben. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

Cannanore

ABSTRACT

Payyannur

District....	Unit Cost	No projected	Block Total	Block Total
1. Building	<del>60000</del> 52000	21 <del>30</del> (9+12)	1560000	540000
✓ 2- Toilet	5000	32	160000	160000
3. Well	15000	11	55000	16500
Total				
4. Syllabus	0.5	19	1775000 75-	216500
5. Text books	25.00	64	1600	1127000000
6. Teacher's Guides	15.00	81	1215-	600000000
7. Maps	175.00	120	21000	200000
8. Plastic Globe	100 "	77	7700	200000
9. Educational Charts	90.00	72	6480	
10. Wisdom Blocks	120.00	135-	16200	
11. Bird and Animal Puzzle	60.00	135-	8100	
12. Toys	300.00	135-	40500	
13. Skipping Rope	60.00	52	3120	
14 Football	70.00	111	7770	
15. Volley Ball	70.00	127	8890	
16. Rubber Balls	50.00	710	35500	
17. Air pump	35.00	1721	60235	
18. Ring	50.00	88	4400	
19. Swing rope with tyre	35.00	133	4655-	
20. Primary Science Kit	400.00	135-	54000	
20 Mini Tool Kit	300.00	135-	40500	
22- Mathematics Kit	300.00	135-	40500	
23. Dictionaries	100.00	121	12100	
24. Encyclopaedia	100.00	131	13100	
25. Children's Books	1600.00	66	105600	
26. Magazine	450.00	135-	60750	
27. School Bell	50.00	4	200	
28. Dholak or Tabla	100.00	135-	13500	
29. harmonium	500.00	135-	67500	
30. Manjira	50.00	135-	6750	
31. Furniture for teachers	700.00	121	84700	
32. boxes	300.00	516	154800	
33. Black Board	400.00	24	9600	
34. Pin-up board	50.00	135-	6750	216500
35. Chalk & Duster	30.00	516	15480	832890
36. Water facility	100.00	84	8400	1556330
37. Trash Can	50.00	84	4200	
Total....				
Grand Total	7215.00		839890	
			1725000	
			2614890	

APPENDIX - I.

Block/Municipality. Payyannur

District. Cannanore

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
84	31	53	<u>I - Priority</u> 1. G.L.P.S. Kanayad Panapuzha P.O. 2. G.M.L.P.S. Nandane P.O. Kottila 3. G.L.P.S. Panapuzha P.O. Panapuzha 4. G.L.P.S. Thakkakkara P.O. Kandalampally 5. G.W.L.P. Ezhome P.O. Ezhome 6. G.L.P.S. Payyannur P.O. Payyannur 7. G.L.P.S. Keshuammal P.O. Keshuammal	1. G.L.P.S. Cheluthazham P.O. Payyannur 2. G.L.P.S. Cheluvanchay P.O. M.M. Bazar 3. G.L.P.S. Kanayad Panapuzha P.O. 4. G.L.P.S. Kumbhanganjalam P.O. Kumbhanganjalam 5. G.M.L.P.S. Madakkara P.O. Edimavu 6. G.M.L.P.S. Madakkara P.O. Edimavu 7. G.M.L.P.S. Mattal P.O. Mattal 8. G.M.L.P.S. Nandane P.O. Kottila	1. G.L.P.S. Kanayad Panapuzha P.O. 2. G.M.L.P.S. Madakkara P.O. Edimavu 3. G.M.L.P.S. Thakkakkara P.O. Kandalampally 4. G.W.L.P.S. Cheluthazham P.O. Ezhome 5. G.F.L.P.S. Kaveayi P.O. Kaveayi 6. G.L.P.S. Matheanganjalam P.O. M.M. Bazar 7. G.M.L.P.S. Palacode P.O. Palacode	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Rooms for Toiling			20,000	
2.	Toilets			52,000	
3.	Well/Drinking water facility			5,000	
				5,000	

Grand Total



APPENDIX - I.

Block/Municipality. *Payyannur*

District. *Canara*

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
			8. G.L.P.S. Pommam Vayal P.O. Padiyotchal	9. G.L.P.S. Thekkana (2) P.O. Kaudamappally	8. G.L.P.S. Pommamvayal P.O. Padiyotchal	
			9. G.L.P.S. Padena P.O. Perinjama	10. G.W.L.P.S. Chariththazam (9) P.O. Ezhilode	9. G.L.P.S. Padena P.O. Perinjama	
			<u>II Priyanga</u>	11. G.W.L.P. Ezhome (2) P.O. Ezhome	10. G.L.P.S. Aikavanchal P.O. Aikavanchal	
			10. G.L.P.S. Kuthimangalam P.O. Kuthimangalam	12. G.L.P.S. Payyannur (6) P.O. Payyannur	11. G.L.P.S. Ramanthali P.O. Ramanthali	
			1. G.N.L.P.S. Madakkara P.O. Ezhimavu	13. G.F.L.P.S. Kuvayi (2) P.O. Kuvayi		
			3. G.N.L.P.S. Nankide P.O. Kottila	14. G.L.P.S. Maniyana (2) P.O. Kamayi		
			4. G.W.L.P.S. Chariththazam P.O. Ezhilode	15. G.M.L.P.S. Vellure (1) P.O. Vellure		

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Class Room Building			1,00,000	
2.	Toilets			52,000	
3.	Well/Drinking Water facility			5,000	
				5,000	

Grand Total

APPENDIX - I.

Block/Municipality. *Payyannur*

District. *Kannur*

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
			5 G.P.S. Kavuayi P.O. Kavuayi	16 G.P.S. Kozhummel P.O. Kozhummel		
			6. G.P.S. Maniyara P.O. Kanayi	17. G.P.S. Matramyadam P.O. m.m. Bazar		
			7 G.P.S. Vellane P.O. Vellane	18. G.P.S. Palacode P.O. Palacode		
			8. G.P.S. Kookanann P.O. Kattivellur	19. G.P.S. Jaijichal P.O. Kankal		
			9. G.P.S. Navambal P.O. Padiyolchal	20. G.P.S. Vazhikam dam P.O. Edavaramba		
			10. G.P.S. Avavanchal Avavanchal P.O.	21. G.P.S. Pennamvayal P.O. Padiyolchal		
			11. G.P.S. Chavul P.O. Maitil	22. G.P.S. Padama P.O. Peringame		
			12. G.P.S. Perumamba P.O. Olajambadi			

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	...	<del>33</del>	30	60,000	<del>15,60,000</del>
				52,000	
				5,000	
				5,000	

Grand Total

Block/Municipality.

District.

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
---------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

23. GLPS Avamchal (1)  
P.O. Avamchal P

24. GLPS Chawal (1)  
P.O. Matli

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	31	2 (2+1)	<del>60000</del> 52,000	156,000/- 52000
2.	Water	30	32	5,000	160,000/- 160000
3.	Well/drinking water facility	20	11	15,000	55,000/- 16500
Grand Total					1775,000/- 716500









SI. NO:

**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS**

DISTRICT

Sl. No.	Name of schools	Type of school	BLOCK		Unit cost (in Rs)
			Block I	Block II	
1	Govt. P.S. Patacode	E	1	1	5
2	Govt. P.S. Patacode	R	1	1	5
3	Govt. P.S. Patacode	E	1	1	15
4	Govt. P.S. Patacode	R	1	1	15
5	Govt. P.S. Patacode	E	1	1	175
6	Govt. P.S. Patacode	R	1	1	100
7	Govt. P.S. Patacode	E	1	1	90
8	Govt. P.S. Patacode	R	1	1	120
9	Govt. P.S. Patacode	E	1	1	60
10	Govt. P.S. Patacode	R	1	1	300
11	Govt. P.S. Patacode	E	1	1	60
12	Govt. P.S. Patacode	R	1	1	70
13	Govt. P.S. Patacode	E	1	1	70
14	Govt. P.S. Patacode	R	1	1	50
15	Govt. P.S. Patacode	E	1	1	35
16	Govt. P.S. Patacode	R	1	1	50
17	Govt. P.S. Patacode	E	1	1	35
18	Govt. P.S. Patacode	R	1	1	400
19	Govt. P.S. Patacode	E	1	1	300
20	Govt. P.S. Patacode	R	1	1	500
21	Govt. P.S. Patacode	E	1	1	10
22	Govt. P.S. Patacode	R	1	1	100
23	Govt. P.S. Patacode	E	1	1	10
24	Govt. P.S. Patacode	R	1	1	10
25	Govt. P.S. Patacode	E	1	1	10
26	Govt. P.S. Patacode	R	1	1	10
27	Govt. P.S. Patacode	E	1	1	10
28	Govt. P.S. Patacode	R	1	1	10
29	Govt. P.S. Patacode	E	1	1	10
30	Govt. P.S. Patacode	R	1	1	10
31	Govt. P.S. Patacode	E	1	1	10
32	Govt. P.S. Patacode	R	1	1	10
33	Govt. P.S. Patacode	E	1	1	10
34	Govt. P.S. Patacode	R	1	1	10
35	Govt. P.S. Patacode	E	1	1	10
36	Govt. P.S. Patacode	R	1	1	10
37	Govt. P.S. Patacode	E	1	1	10
38	Govt. P.S. Patacode	R	1	1	10
39	Govt. P.S. Patacode	E	1	1	10
40	Govt. P.S. Patacode	R	1	1	10
41	Govt. P.S. Patacode	E	1	1	10
42	Govt. P.S. Patacode	R	1	1	10
43	Govt. P.S. Patacode	E	1	1	10
44	Govt. P.S. Patacode	R	1	1	10
45	Govt. P.S. Patacode	E	1	1	10
46	Govt. P.S. Patacode	R	1	1	10
47	Govt. P.S. Patacode	E	1	1	10
48	Govt. P.S. Patacode	R	1	1	10
49	Govt. P.S. Patacode	E	1	1	10
50	Govt. P.S. Patacode	R	1	1	10
51	Govt. P.S. Patacode	E	1	1	10
52	Govt. P.S. Patacode	R	1	1	10
53	Govt. P.S. Patacode	E	1	1	10
54	Govt. P.S. Patacode	R	1	1	10
55	Govt. P.S. Patacode	E	1	1	10
56	Govt. P.S. Patacode	R	1	1	10
57	Govt. P.S. Patacode	E	1	1	10
58	Govt. P.S. Patacode	R	1	1	10
59	Govt. P.S. Patacode	E	1	1	10
60	Govt. P.S. Patacode	R	1	1	10
61	Govt. P.S. Patacode	E	1	1	10
62	Govt. P.S. Patacode	R	1	1	10
63	Govt. P.S. Patacode	E	1	1	10
64	Govt. P.S. Patacode	R	1	1	10
65	Govt. P.S. Patacode	E	1	1	10
66	Govt. P.S. Patacode	R	1	1	10
67	Govt. P.S. Patacode	E	1	1	10
68	Govt. P.S. Patacode	R	1	1	10
69	Govt. P.S. Patacode	E	1	1	10
70	Govt. P.S. Patacode	R	1	1	10
71	Govt. P.S. Patacode	E	1	1	10
72	Govt. P.S. Patacode	R	1	1	10
73	Govt. P.S. Patacode	E	1	1	10
74	Govt. P.S. Patacode	R	1	1	10
75	Govt. P.S. Patacode	E	1	1	10
76	Govt. P.S. Patacode	R	1	1	10
77	Govt. P.S. Patacode	E	1	1	10
78	Govt. P.S. Patacode	R	1	1	10
79	Govt. P.S. Patacode	E	1	1	10
80	Govt. P.S. Patacode	R	1	1	10
81	Govt. P.S. Patacode	E	1	1	10
82	Govt. P.S. Patacode	R	1	1	10
83	Govt. P.S. Patacode	E	1	1	10
84	Govt. P.S. Patacode	R	1	1	10
85	Govt. P.S. Patacode	E	1	1	10
86	Govt. P.S. Patacode	R	1	1	10
87	Govt. P.S. Patacode	E	1	1	10
88	Govt. P.S. Patacode	R	1	1	10
89	Govt. P.S. Patacode	E	1	1	10
90	Govt. P.S. Patacode	R	1	1	10
91	Govt. P.S. Patacode	E	1	1	10
92	Govt. P.S. Patacode	R	1	1	10
93	Govt. P.S. Patacode	E	1	1	10
94	Govt. P.S. Patacode	R	1	1	10
95	Govt. P.S. Patacode	E	1	1	10
96	Govt. P.S. Patacode	R	1	1	10
97	Govt. P.S. Patacode	E	1	1	10
98	Govt. P.S. Patacode	R	1	1	10
99	Govt. P.S. Patacode	E	1	1	10
100	Govt. P.S. Patacode	R	1	1	10





APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

Sl. No.	Name of schools	Type	Block	Unit cost (in Rs)		Total
				Pvt. I	Aided. II	
32	Pvt. School ALPS Kandiath	P	ALPS	125	125	125
33	Pvt. School Karamel	P	ALPS	175	175	175
34	Pvt. School Chandam Memorial	P	ALPS	100	100	100
35	Pvt. School Kamayi	P	ALPS	90	90	90
36	Pvt. School Kamayi	P	ALPS	20	20	20
37	Pvt. School Kamayi	P	ALPS	60	60	60
38	Pvt. School Kamayi	P	ALPS	300	300	300
39	Pvt. School Kamayi	P	ALPS	60	60	60
40	Pvt. School Kamayi	P	ALPS	70	70	70
41	Pvt. School Kamayi	P	ALPS	70	70	70
42	Pvt. School Kamayi	P	ALPS	50	50	50
43	Pvt. School Kamayi	P	ALPS	35	35	35
44	Pvt. School Kamayi	P	ALPS	60	60	60
45	Pvt. School Kamayi	P	ALPS	35	35	35
46	Pvt. School Kamayi	P	ALPS	400	400	400
47	Pvt. School Kamayi	P	ALPS	300	300	300
48	Pvt. School Kamayi	P	ALPS	500	500	500
49	Pvt. School Kamayi	P	ALPS	10	10	10
50	Pvt. School Kamayi	P	ALPS	100	100	100
51	Pvt. School Kamayi	P	ALPS	45	45	45
52	Pvt. School Kamayi	P	ALPS	50	50	50
53	Pvt. School Kamayi	P	ALPS	100	100	100
54	Pvt. School Kamayi	P	ALPS	100	100	100
55	Pvt. School Kamayi	P	ALPS	50	50	50
56	Pvt. School Kamayi	P	ALPS	100	100	100
57	Pvt. School Kamayi	P	ALPS	500	500	500
58	Pvt. School Kamayi	P	ALPS	400	400	400
59	Pvt. School Kamayi	P	ALPS	500	500	500
60	Pvt. School Kamayi	P	ALPS	20	20	20
61	Pvt. School Kamayi	P	ALPS	100	100	100





APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

BLOCK

Sl. No.	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	Block	Material	Quantity	Unit Cost	Total Cost
1	Perakam L.Ps. Po. Kozhummada	5		Syllabus	1	5	5
2	St. Augustines L.Ps. Kozhichal Po. Kozhichal	25		Text book	15	25	375
3	S.N.D. L.P. School Puliyangame Po. Puliyangame	15		Teaching guides	1	15	15
4	ALPS Nakkli Po. Periyangame	175		Maps	1	175	175
5	ALPS Periyattal Po. Periyattal	190		Globe	1	190	190
6	Periyattal North L.Ps Po. Aruvanchal	90		Instructional charts	1	90	90
7		120		Window Block	1	120	120
8		60		Bird Animal puzzle	1	60	60
9		300		Skipping rope	1	300	300
10		60		Football	1	60	60
11		70		Volley Ball	1	70	70
12		50		Rubber ball	1	50	50
13		35		Air pump	1	35	35
14		50		Ring	1	50	50
15		35		Swing rope	1	35	35
16		400		Science kit	1	400	400
17		300		Maths kit	1	300	300
18		300		Mini tool kit	1	300	300
19		100		Dictionary	1	100	100
20		100		Encyclopaedia	1	100	100
21				Children's Book	1		
22		45		Magazine	1	45	45
23		50		School Bell	1	50	50
24		100		Lholak	1	100	100
25		100		Harmonium	1	100	100
26		50		Manira	1	50	50
27		700		Furniture for Trs.	1	700	700
28		300		Bones	1	300	300
29		100		Black Board	1	100	100
30		500		Pin-up Board	1	500	500
31		20		Chal & Duster	1	20	20
32		100		Water Facility	1	100	100
33				Water Facility	1		

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

BLOCK

Sl. No.	Name of schools	Unit cost (in Rs)	Block	Material	Quantity	Unit Cost	Total
1	Mathi Vm LPS Po. Navikam Valli	5		Syllabus	1	5	5
2	Mathi Vm LPS Po. Navikam Valli	25		Text book	1	25	25
3	Mathi Vm LPS Po. Navikam Valli	175		Teaching Aids	1	175	175
4	Mathi Vm LPS Po. Navikam Valli	30		Table	1	30	30
5	Mathi Vm LPS Po. Navikam Valli	90		Educational charts	1	90	90
6	Mathi Vm LPS Po. Navikam Valli	120		Wisdom Block	1	120	120
7	Mathi Vm LPS Po. Navikam Valli	60		Bird Animal puzzle	1	60	60
8	Mathi Vm LPS Po. Navikam Valli	300		Boys	1	300	300
9	Mathi Vm LPS Po. Navikam Valli	60		Skipping rope	1	60	60
10	Mathi Vm LPS Po. Navikam Valli	70		Football	1	70	70
11	Mathi Vm LPS Po. Navikam Valli	70		Volley Ball	1	70	70
12	Mathi Vm LPS Po. Navikam Valli	50		Rubber ball	1	50	50
13	Mathi Vm LPS Po. Navikam Valli	35		Air pump	1	35	35
14	Mathi Vm LPS Po. Navikam Valli	60		Ring	1	60	60
15	Mathi Vm LPS Po. Navikam Valli	35		Swing rope	1	35	35
16	Mathi Vm LPS Po. Navikam Valli	400		Science kit	1	400	400
17	Mathi Vm LPS Po. Navikam Valli	300		Maths Kit	1	300	300
18	Mathi Vm LPS Po. Navikam Valli	300		Mini tool kit	1	300	300
19	Mathi Vm LPS Po. Navikam Valli	100		Dictionaries	1	100	100
20	Mathi Vm LPS Po. Navikam Valli	100		Encyclopaedia	1	100	100
21	Mathi Vm LPS Po. Navikam Valli	..		Children's Book	1	..	..
22	Mathi Vm LPS Po. Navikam Valli	45		Magazine	1	45	45
23	Mathi Vm LPS Po. Navikam Valli	50		School Bell	1	50	50
24	Mathi Vm LPS Po. Navikam Valli	100		Bholak	1	100	100
25	Mathi Vm LPS Po. Navikam Valli	100		Harmonium	1	100	100
26	Mathi Vm LPS Po. Navikam Valli	50		Manira	1	50	50
27	Mathi Vm LPS Po. Navikam Valli	700		Furniture for Trs.	1	700	700
28	Mathi Vm LPS Po. Navikam Valli	500		Boxes	1	500	500
29	Mathi Vm LPS Po. Navikam Valli	400		Black Board	1	400	400
30	Mathi Vm LPS Po. Navikam Valli	500		Flip-up Board	1	500	500
31	Mathi Vm LPS Po. Navikam Valli	30		Chal & Duster	1	30	30
32	Mathi Vm LPS Po. Navikam Valli	100		Water facility	1	100	100

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

Block	Name of schools	Material	QTY	Unit	Rate	Total Cost (in Rs)
1	Pvt. I Aided. II	Syllabus	5			5
		Text book	25			25
2	P. P. Adalat	Teaching aids	1			175
		Maps	1			90
		Globe	1			90
		Educational charts	1			20
		Wision Block	1			60
		Bird Animal puzzle	1			200
		Boys Skating rope	1			60
		Football	1			70
		Volley Ball	1			70
		Rubber ball	1			50
3	P. P. Adalat	Air pump	1			35
		Ring	1			50
		Swing rope	1			35
		Science kit	1			100
		M. P. Kit	1			300
		Mini tool kit	1			300
		Dictionaries	1			100
		Encyclopaedia	1			100
		Children's Book	1			..
		Magazine	1			45
4	P. P. Adalat	School Bell	1			50
		Dholak	1			100
		Harmonium	1			100
		Mantra	1			50
		Furniture for Trs.	1			700
		Tables	1			200
		Black Board	1			100
		Painting Board	1			500
		Coal & Duster	1			30
		Water facility	1			100
5	P. P. Adalat		4			4
			4			4
6	P. P. Adalat		4			4
			4			4
7	P. P. Adalat		4			4
			4			4
8	P. P. Adalat		4			4
			4			4
9	P. P. Adalat		4			4
			4			4
10	P. P. Adalat		4			4
			4			4

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

BLOCK	Name of schools	Material	Quantity	Value
75	Pvt. I Pvt. II	Syllabus	5	75
		Text book	25	90
76	Pvt. I Pvt. II	Teaching aids	15	96
		Educational charts	120	60
77	Pvt. I Pvt. II	Wisdom Block	30	30
		Bird Animal puzzle	60	60
78	Pvt. I Pvt. II	Swing rope	70	70
		Volley Ball	50	50
79	Pvt. I Pvt. II	Rubber ball	35	35
		Air pump	50	50
80	Pvt. I Pvt. II	King	35	35
		Swing rope	60	60
81	Pvt. I Pvt. II	Maps kit	300	300
		Math tool kit	100	100
82	Pvt. I Pvt. II	Diabibaries	100	100
		Encyclopaedia	100	100
83	Pvt. I Pvt. II	Children's Book	45	45
		Magazine	50	50
84	Pvt. I Pvt. II	School Bell	100	100
		Dholak	100	100
85	Pvt. I Pvt. II	Harmonium	50	50
		Madira	700	700
86	Pvt. I Pvt. II	Furniture for Trs.	500	500
		Boxes	400	400
87	Pvt. I Pvt. II	Black Board	500	500
		Fluor Board	30	30
88	Pvt. I Pvt. II	Gial & Duster	100	100
		Water facility	100	100





APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

Sl. No.	Name of schools	Pvt. I	Aided II	Block	Estimated cost (in Rs)
1	Ulaganadefi				5
2	Narvanepale Lp. school Po. mandur	4	4	5	5
3	Vengara Hindu Lp. school Po. Chempuzhi	16	17	175	100
4	Gslamic Lp. school Po. Chempuzhi	7	7	90	120
5	St. Joseph's English Lp. school Po. Chempuzhi	51	51	60	70
6		51	51	70	70
7		51	51	50	50
8		51	51	35	35
9		51	51	50	50
10		51	51	35	35
11		51	51	400	400
12		51	51	300	300
13		51	51	300	300
14		51	51	100	100
15		51	51	100	100
16		51	51	50	50
17		51	51	100	100
18		51	51	50	50
19		51	51	700	700
20		51	51	300	300
21		51	51	400	400
22		51	51	500	500
23		51	51	80	80
24		51	51	100	100
25		51	51	100	100
26		51	51	50	50
27		51	51	700	700
28		51	51	300	300
29		51	51	400	400
30		51	51	500	500
31		51	51	80	80
32		51	51	100	100
33		51	51	100	100
34		51	51	50	50
35		51	51	700	700
36		51	51	300	300
37		51	51	400	400
38		51	51	500	500
39		51	51	80	80
40		51	51	100	100
41		51	51	100	100
42		51	51	50	50
43		51	51	700	700
44		51	51	300	300
45		51	51	400	400
46		51	51	500	500
47		51	51	80	80
48		51	51	100	100
49		51	51	100	100
50		51	51	50	50
51		51	51	700	700
52		51	51	300	300
53		51	51	400	400
54		51	51	500	500
55		51	51	80	80
56		51	51	100	100
57		51	51	100	100
58		51	51	50	50
59		51	51	700	700
60		51	51	300	300
61		51	51	400	400
62		51	51	500	500
63		51	51	80	80
64		51	51	100	100
65		51	51	100	100
66		51	51	50	50
67		51	51	700	700
68		51	51	300	300
69		51	51	400	400
70		51	51	500	500
71		51	51	80	80
72		51	51	100	100
73		51	51	100	100
74		51	51	50	50
75		51	51	700	700
76		51	51	300	300
77		51	51	400	400
78		51	51	500	500
79		51	51	80	80
80		51	51	100	100

**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN [Handwritten Name] BLOCK OF [Handwritten Name] DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep varandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN [Handwritten Name] BLOCK/MUNICIPALITY/CORPORATION.

[Handwritten Name] is one of the two blocks selected from [Handwritten Name] District. The other block is [Handwritten Name]. Besides, Municipal town of [Handwritten Name] and Corporation/Municipality of [Handwritten Name] have been selected. [Handwritten Name] qualifies under the norms prescribed for selection during 1987-88. [Handwritten Name] falls in [Handwritten Name] Educational District and the Block/Municipal jurisdiction covers portions of [Handwritten Name] educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In . . . *Peravoor* . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Peravoor* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of . . . 12 . . . schools . . . 8 . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For . . . 6 . . . buildings at a unit cost of Rs. 60000. the requirement is Rs. 360000. For . . . 16 . . . toilets, considering the need for two toilets for schools not having them, the financial requirement is Rs. 80000. at a unit cost of Rs. 5000. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging . . . 9 . . . well at a unit cost of . . . 1500. ., the requirement is . . . 13500. In other cases Managers will be made to make up for deficiencies, if any.

(contd. . . . 30)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary, in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The Construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 23.51.85. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also used in Appendix-II (contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December '87 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y. S. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Pa. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

....

CANNANORE

AMMETHUR

6

PERAVOOR.

District....	Unit Cost	No projected	Block Total	
1. Building	<del>65,000</del> 52,000	8 (6+2)	4,16,000	360000
2- Toilet	5,000	16	80,000	80000
3. Well	15,000	9	45,000	13500
Total			5,41,000	453500
4. Syllabus	5.00	16	80	11nd priority
5. Text books	25.00	23	575	
6. Teacher's Guides	15.00	26	390	60000x2
7. Maps	175.00	36	6300	120000
8. Plastic Globe	100.00	20	2000	
9. Educational Charts	90.00	29	2610	
10. Wisdom Blocks	120.00	39	4680	
11. Bird and Animal Puzzle	60.00	39	2340	
12. Toys	300.00	39	11700	
13. Skipping Rope	60.00	-	-	
=14 Football	70.00	34	2380	
15. Volley Ball	70.00	35	2450	
16. Rubber Balls	50.00	37	1850	
17. Air pump	35.00	37	1295	
18. Ring	50.00	23	1150	
19. Swing rope with tyre	35.00	39	1365	
20. Primary Science Kit	400.00	39	15600	
20 Mini Tool Kit	300.00	39	11700	
22- Mathematics Kit	300.00	39	11700	
23. Dictionaries	100.00	28	2800	
24. Encyclopaedia	100.00	35	3500	
25. Children's Books	1600.00	19	30400	
26. Magazine	450.00	39	17550	
27. School Bell	50.00	4	200	
28. Dholak or Tabla	100.00	39	3900	
29. harmonium	500.00	39	19500	
30. Manjira	50.00	39	1950	
31. Furniture for teachers	700.00	30	21000	
32. boxes	300.00	149	44700	
33. Black Board	400.00	3	1200	
34. Pin-up board	50.00	39	1950	
35. Chalk & Duster	30.00	149	4470	453500
36. Water facility	100.00	25	2500	235185
37. Trash Can	50.00	25	1250	
Total....			235185	688685
Grand Total	7215.00		547000	
			776185	

APPENDIX - I.

Block/Municipality. Perambalur

District. Coimbatore

7

Total number of Independent Primary Schools (LP) in the Block/ Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
25	12	13	I. Primary 7 1. G.L.P.S. Sivapuram P.O. Sivapuram 2. G.L.P.S. Poovampoil P.O. Vallarvally 3. G.L.P.S. Kolathattur P.O. Kolathattur 4. Govt. L.P.S. Kolathattur P.O. Santhigiri Adakkathode 5. G.L.P.S. Menachody P.O. Alachay 6. G.L.P.S. Vayammur P.O. Alachay 7. G.L.P.S. Edachay P.O. Alachay	1. G.L.P.S. Sivapuram P.O. Sivapuram 2. G.L.P.S. Mattukutti P.O. Kanthiadi 3. G.L.P.S. Poovampoil P.O. Vallarvally 4. G.L.P.S. Kolathattur P.O. Kolathattur 5. G.L.P.S. Kunitthale P.O. Peracoor 6. G.L.P.S. Kolithattu P.O. Santhigiri Adakkathode 7. G.L.P.S. Menachody P.O. Alachay	1. G.L.P.S. Sivapuram P.O. Sivapuram 2. G.L.P.S. Poovampoil P.O. Vallarvally 3. G.L.P.S. Kunitthale P.O. Peracoor 4. G.L.P.S. Kolithattu P.O. Santhigiri Adakkathode 5. G.L.P.S. Menachody P.O. Alachay 6. G.L.P.S. Perampuram P.O. Perampuram 7. Govt. L.P.S. Vayammur P.O. Alachay	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two room building			60,000	
2.	Toilet			<del>52,000</del>	
3.	Well/Drinking water facility			5,000	
				5,000	

Grand Total



APPENDIX - I.

Block/Municipality. *Pennacott*

8

District. *Cameroon*

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

II - Priority

1. G.L.P.S. *Kanhileng*  
P.O. *Kanhileng*

8. G.L.P.S. *Vayammur*  
P.O. *Alechoy*

9. G.L.P.S. *Edayer*  
P.O. *Kammoth*

10. G.L.P.S. *Kommam*  
P.O. *Nedumpoil*

8. G.L.P.S. *Edayer*  
P.O. *Kammoth*

9. G.L.P.S. *Kommam*  
P.O. *Nedumpoil*

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.	
1.	Two room Building	18	8 (5+2)	60000 <del>52,000</del>	4,80,000 <del>4,16,000/-</del> 360000	
2.	Toilets	8	16	5,000	80,000/- 80000	
3.	Well/Drinking water facilities	3	9	15,000	45,000/- 13500	
Grand Total					<del>5,11,000</del> 4,53,500/-	453500

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT Cannanore

BLOCK Peravoor

Sl. No.	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	TOYS	SKIPPING rope	Football	Volley Ball	kubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionary	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
1	Govt. P.S. Kankhalu Po. Kankhalu	25		1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	Govt. P.S. Sivapuzha Po. Sivapuzha	15		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Govt. P.S. Peravoor Muttukutti pora Po. Peravoor	175		4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	Govt. P.S. Puvampil Po. Puvampil	100		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	Govt. P.S. Kolakkad Po. Kolakkad	90		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Govt. P.S. Kunithele Po. Peravoor	120		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7		60																																	
8		300																																	
9		60																																	
10		70																																	
11		70																																	
12		50																																	
13		35																																	
14		50																																	
15		35																																	
16		100																																	
17		300																																	
18		300																																	
19		10																																	
20		10																																	
21		15																																	
22		50																																	
23		100																																	
24		100																																	
25		50																																	
26		700																																	
27		300																																	
28		400																																	
29		500																																	
30		80																																	
31		100																																	

Water facility

6

8

4

4

4

4

4

4

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

DISTRICT

Cannanore

BLOCK Perambur

Unit cost (in Rs)	Name of schools	Material	Quantity	Unit cost (in Rs)
5	Govt. L.P. School	Syllabus	1	5
25		Text book	1	25
15		Teaching guides	1	15
175		Maps	1	175
100		Globe	1	100
90		Educational charts	1	90
20		Wisdom Block	1	20
60		Bird Animal puzzle	1	60
300		Toys	1	300
80		SKIPPING rope	1	80
70		Football	1	70
70		Volley Ball	1	70
50		Rubber ball	1	50
35		Air pump	1	35
50		Ring	1	50
35		Swing rope	1	35
400		Science kit	1	400
30		Maths Kit	1	30
300		Mini tool kit	1	300
100		Dictionaries	1	100
100		Encyclopaedia	1	100
		Children's Book	1	
		Magazine	1	
50		School Bell	1	50
100		Dholak	1	100
100		Harmonium	1	100
50		Manira	1	50
400		Furniture for Trs.	1	400
300		Boxes	1	300
400		Black Board	1	400
500		Pin-up Board	1	500
30		Chal & Duster	1	30
100		Water facility	1	100
		Trash cans	1	

P.N.I.S

P.N.I.S

P.N.I.S

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P.N.I.S

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P.N.I.S

APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

DISTRICT

Unit cost (in Rs)	Name of schools	Syylabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	Kubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's BOOK	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
	Aided school																																		
	Pattalam L.P.S																																		
	P.o. Kolayad																																		
	Kanhibi west L.p.school																																		
	P.o. Kanhibi																																		
	Kanderipal New L.p.s.																																		
	P.o. Maloor																																		
	Kolavi L.p.s.																																		
	P.o. Sivapannam																																		
	Pooiakully A.L.P. school																																		
	P.o. Nedumpoil																																		
	Providence L.P.S																																		
	Vellanni P.o. Kelakam																																		

Water facility

Chal & Duster

Pin-up Board

Black Board

Boxes

Furniture for Trs.

Manira

Harmonium

Dholak

School Bell

Magazine

Children's BOOK

Encyclopaedia

Dictionaries

Mini tool kit

Maths kit

Science kit

Swing rope

Ring

Air pump

Kubber ball

Volley Ball

Football

SKIPPING rope

Toys

Bird Animal puzzle

Wisdom Block

Educational charts

Globe

Maps

Teaching guides

Text book

Syylabus

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

BLOCK

DISTRICT

Sl. No.	Name of schools Pvt. I Aided, II	Block	Material	Quantity	Unit Cost (in Rs)
19	S.N.L.P. School Kottiyoor P.O. Kottiyoor	U	Syllabus	1	15
			Text book	1	15
			Teaching aids	2	175
			M.P.S	1	100
			Globe	1	90
			Educational charts	1	120
			Wisdom Block	1	60
			Bird Animal puzzle	1	300
			Traps	1	60
			Skating rope	1	70
			Football	1	70
			Woolly Ball	1	50
			Rubber ball	1	35
			Air pump	1	50
			Ring	1	35
			String rope	1	400
			Science kit	1	300
			Maths Kit	1	300
			Mini tool kit	1	100
			Dictionaries	1	100
			Encyclopaedia	1	100
			Children's Book	1	45
			Magazine	1	50
			School Bell	1	100
			Tabla	1	100
			Harmonium	1	50
			Melica	1	700
			Purchase for Trs.	1	600
			Boxes	1	100
			Black Board	1	500
			Flannel Board	1	20
			Chalk & Duster	1	100
			Water facility	1	100
			Trash can	1	100

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Sl. No.	BLOCK	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	BLOCK		DISTRICT	
				Unit cost (in Rs)	Quantity	Quantity	Quantity
4	P. O. Muzhakka	M. S. Kher L.P.S.	5	Syllabus	4		
				Text book	1		
25	Vilakkode	Mubarak L.P.S.	15	Teaching guides	1		
				Maps	1		
			175	Globe	1		
				100	Educational charts	1	
			90	Wisdom Block	1		
				120	Bird Animal puzzle	1	
			60	Toys	1		
				300	Skipping rope	1	
			60	Football	1		
				70	Volley Ball	1	
			70	Rubber ball	1		
				50	Air pump	1	
			35	Ring	1		
				50	Swing rope	1	
			35	Science kit	1		
				400	Maths kit	1	
			300	Mill tool kit	1		
				300	Dictionary	1	
			100	Encyclopaedia	1		
				100	Children's Book	1	
			75	Magazine	1		
				50	School Bell	1	
			100	Dholak	1		
				100	Harmonium	1	
			50	Manira	1		
				700	Furniture for Trs.	1	
			500	Boxes	1		
				400	Black Board	1	
			500	Pump Board	1		
				30	Chal & Duster	1	
			100	Water facility	1		

Water facility

149

149

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149

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BLACK

PROJECT REPORT FOR OPERATION BLACK BOARD IN *Neluvana* . . .  
BLOCK OF *Kasaragod* . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NPE. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc, form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by government, local bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN *Neluvana* . . . . . BLOCK/  
MUNICIPALITY/CORPORATION.

*Neluvana* is one of the two blocks selected from *Kasaragod* District. The other Block is *Kanjirappara*. Besides, Municipal town of *Kasaragod* and Corporation/Municipality of *Neluvana* have been selected. *Neluvana* qualifies under the norms prescribed for selection during 1987-88. *Neluvana* falls in *Kasaragod* Educational District and the Block/Municipal jurisdiction covers portions of *Neluvana* educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In *Nilam* . . . . . as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Massive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Nilam* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of *61* . . . schools *30* . . . schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For *27* . . buildings at a unit cost of *Rs. 60,000*. the requirement is *Rs. 1,62,00,000*. For *43* . . toilets, considering the need for two toilets for schools not having them, the financial requirement is *Rs. 25,00,000* . . at a unit cost of *Rs. 50,000* . . For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist none is included. For digging *21* . . . . . well at a unit cost of *Rs. 1,50,000* . . the requirement is *Rs. 31,50,000* . . . . . In other cases Managers will be made to make up for deficiencies, if any.



The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever P.T.A's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.C, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II. (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 673/25. . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II (contd. . .)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### GENERAL

The undertakings specified by Government of India in the enclosed guidelines to the D.O. letter of Sri. Y. B. Chaturvedi, Joint Secretary (Schools) (D.O. No. F1-16/87-Pt. II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decide whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

**KASARGOD**

**ABSTRACT**

**NILESHWAR**

District.....	Unit Cost	No projected	Block total	
1. Building	50000	30(2)+3	1560000	1620000
2- Toilet	5000	43	215000	215000
3. Well	15000	21	105000	31500
Total			18,80,000	1866500
4. Syllabus	<del>5000.5</del>	39	195	11ml primary
5. Text books	25.00	61	1525	3x60000
6. Teacher's Guides	15.00	71	1065	180000
7. Maps	175.00	95	16625	
8. Plastic Globe	100.00	71	7100	
9. Educational Charts	90.00	78	7020	
10. Wisdom Blocks	120.00	94	11280	
11. Bird and Animal Puzzle	60.00	94	5640	
12. Toys	300.00	94	28200	
13. Skipping Rope	60.00	69	3600	
14. Football	70.00	91	6370	
15. Volley Ball	70.00	92	6440	
16. Rubber Balls	50.00	86	4300	
17. Air pump	35.00	91	3185	
18. Ring	50.00	84	4200	
19. Swing rope with tyre	35.00	94	3290	
20. Primary Science Kit	400.00	94	37600	
20 Mini Tool Kit	300.00	94	28200	
22- Mathematics Kit	300.00	94	28200	
23. Dictionaries	100.00	86	8600	
24. Encyclopaedia	100.00	93	9300	
25. Children's Books	1600.00	66	102400	
26. Magazine	450.00	94	42300	
27. School Bell	50.00	23	1150	
28. Dholak or Tabla	100.00	94	9400	
29. harmonium	500.00	94	47000	
30. Manjira	50.00	94	4700	
31. Furniture for teachers	700.00	129	90300	
32. boxes	300.00	358	107400	
33. Black Board	400.00	55	22000	
34. Pin-up board	50.00	94	4700	
35. Chalk & Duster	30.00	358	10740	
36. Water facility	100.00	61	6100	1866500
37. Trash Can	50.00	61	3050	673175
Total.....			673175	2539675
Grand Total	7215.00		1880000	

2553,175

APPENDIX - I.

Block/Municipality. Nikeshevan

District. Kaseragod

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
61	32	29	<p><u>First priority</u></p> <p>1. GLPS Beuchery P.O. Trikanpur</p> <p>2. GLPS chaniyakkara P.O. Kayyur</p> <p>3. GLPS Kayyur P.O. Kayyur</p> <p>4. GLPS Kooleni P.O. Trikanpur</p> <p>5. GLPS madakai P.O. udumbanithala</p> <p>6. GLPS Malthani P.O. udinoot</p> <p>7. GLPS moicha P.O. cheruvathur</p>	<p>1. GLPS P.O. pikecode P.O. pikecode</p> <p>2. GLPS Beuchery P.O. Trikanpur</p> <p>3. GLPS chaniyakkara P.O. Kayyur</p> <p>4. GLPS Kayyur P.O. Kayyur</p> <p>5. GLPS Kooleni P.O. Trikanpur</p> <p>6. GLPS Madakai P.O. udumbanithala</p> <p>7. GLPS Malthani P.O. udinoot</p> <p>8. GLPS moicha P.O. cheruvathur</p>	<p>1. GLPS pikecode P.O. pikecode</p> <p>2. GLPS Beuchery P.O. Trikanpur</p> <p>3. GLPS Kayyur P.O. Kayyur</p> <p>4. GLPS madakai P.O. udumbanithala</p> <p>5. GLPS moicha P.O. cheruvathur</p> <p>6. GLPS manilakkappanam P.O. manilakkappanam</p> <p>7. GLPS Puliyannur P.O. podavoot</p> <p>8. GLPS Thunthi P.O. Thunthi</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Two ...			60,000	
2.	...			52,000	
3.	Well drinking ... facility			5,000	
				5,000	

Grand Total

APPENDIX - I.

Block/Municipality. Nilleshwar

District. Kanchipuram

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
---------------------------------------------------------------------------------	--------------------------------	--------------------------------	-----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

8	Govt. L.P. Navilakadapuram P.O. Navilakadapuram			7. Govt. L.P. Navilakadapuram P.O. Navilakadapuram	9 Govt. L.P. Thayyil North Kadappuram P.O. Thrikampur Kadappuram	
9	Govt. L.P. Sankeelka P.O. Udumbankhala			10. Govt. L.P. Padikkeeel P.O. Padikkeeel	10 Govt. L.P. Udumbankhala P.O. Udumbankhala	
10	Govt. L.P. Thuvuthi P.O. Thuvuthi			11. Govt. L.P. Thuvuthi P.O. Thuvuthi	11. Govt. L.P. Padikkeeel P.O. Kadakkat	
11	Govt. L.P. Thayyil South Kadappuram P.O. Thrikampur Kadappuram			12. Govt. L.P. Thayyil South Kadappuram P.O. Thrikampur Kadappuram	12. Govt. L.P. Chamakuzhi Koovali P.O. Chayoth	
12	Govt. L.P. Thayyil North Kadappuram P.O. Thrikampur Kadappuram			13. Govt. L.P. Thayyil North Kadappuram P.O. Thrikampur Kadappuram	13. Govt. L.P. Kammanadom P.O. Kammanadom	
13	Govt. L.P. Valvakkai P.O. Elambachi			14. Govt. L.P. Kinnamochi P.O. Chayoth	14. Govt. L.P. Kinnamochi P.O. Chayoth	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Store Building			50,000	
2.	Toilets			52,000	
3.	Well/Drinking water facility			5,000	
				15,000	

Grand Total

APPENDIX - I.

Block/Municipality. Nilleshwar

District. (Kasaragod)

Total number of Independent Primary Schools (IP) in the Block/ Municipality. (1)	No. of Govt. Schools. (2)	No. of Aided Schools. (3)	Name of schools where construction of class rooms and toilets are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
			20. GLPS moukutte P.O. Perumpalata	22. GLPS Periyangannur P.O. Kavinthalam		
			21. GLPS Palamba P.O. Palamba	23. GLPS Perumbritta P.O. Perumbritta		
			22. GLPS Periyangannur P.O. Kavinthalam	24. GLPS Vadakke P.O. Kavinthalam		
			23. GLPS Vadakke P.O. Kavinthalam	25. GLPS Nilleshwar P.O. Nilleshwar		
			24. GLPS Nilleshwar P.O. Nilleshwar	26. GwLPS Nilleshwar P.O. Thaikadappuram		
			25. GwLPS Nilleshwar P.O. Thaikadappuram	27. GLPS Parathika P.O. Nilleshwar		
			26. GLPS Parathika P.O. Nilleshwar			

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost
1.	Number of Rooms			60,000	
2.	Toilets			52,000	
3.	Water facility			5,000	
				5,000	

Grand Total

APPENDIX - I.

Block/Municipality.

District.

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided E.P. Schools. (3)	Name of schools where construction of classrooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
---------------------------------------------------------------------------------	--------------------------------	--------------------------------	----------------------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------------------------------	--------------

27 GLPS Peral P.O. vil. Chavara  <u>II. priority</u> 1. Govt. School, Pilikode P.O. Pilikode 2. GLPS Puliyamoor P.O. Podavoor 3. GLPS Kunnankai P.O. West Elay.	28. GLPS Peral @ P.O. vil. Chavara
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Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Toilet Building	24	<del>27</del> 30	60,000 <del>270,000</del>	15,60,000/-
2.	Water	21	43	5,000	2,15,000/-
3.	Water drinking facility	11	21	15,000	1,05,000/-
Grand Total					18,80,000/-
					1,62,00,000
					2,15,000
					3,15,000
					1,86,65,000

**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

Kasaragod DISTRICT

BLOCK

Sl. No.	Name of schools	Type of school	Block		Unit cost (in Rs)	Material	No. of units	Total cost
			I	II				
1	Gwalps Piliyada	E	2	2	5	Syllabus	4	20
2	Gwalps school	E	1	1	5	Text book	1	5
3	Beedichayy P.O. Taluk	E	2	2	15	Teaching guides	4	60
4	Gwalps	E	1	1	175	Maps	1	175
5	Changakkara P.O. Kayyur	R	1	1	100	Globe	1	100
6	Gwalps	E	1	1	90	Educational charts	1	90
7	Changakkara P.O. Kayyur	R	1	1	120	Wisdom Block	1	120
8	Gwalps	E	1	1	60	Bird Animal puzzle	1	60
9	Changakkara P.O. Kayyur	R	1	1	300	Ways	1	300
10	Gwalps	E	1	1	60	Skipping rope	1	60
11	Changakkara P.O. Kayyur	R	1	1	70	Football	1	70
12	Gwalps	E	1	1	70	Volley Ball	1	70
13	Beedichayy P.O. Taluk	E	1	1	50	Rugby ball	1	50
14	Gwalps	E	1	1	35	Air pump	1	35
15	Changakkara P.O. Kayyur	R	1	1	50	Ring	1	50
16	Gwalps	E	1	1	35	Swing rope	1	35
17	Changakkara P.O. Kayyur	R	1	1	400	Balance kit	1	400
18	Gwalps	E	1	1	300	Maths Kit	1	300
19	Changakkara P.O. Kayyur	R	1	1	300	Mini tool kit	1	300
20	Gwalps	E	1	1	100	Dictionaries	1	100
21	Changakkara P.O. Kayyur	R	1	1	100	Encyclopaedia	1	100
22	Gwalps	E	1	1	..	Children's Book	1	..
23	Changakkara P.O. Kayyur	R	1	1	45	Magazine	1	45
24	Gwalps	E	1	1	50	School Bell	1	50
25	Changakkara P.O. Kayyur	R	1	1	100	Dholak	1	100
26	Gwalps	E	1	1	100	Harmonium	1	100
27	Changakkara P.O. Kayyur	R	1	1	50	Manira	1	50
28	Gwalps	E	1	1	100	Furniture for Trs.	1	100
29	Changakkara P.O. Kayyur	R	1	1	500	Books	1	500
30	Gwalps	E	1	1	400	Black Board	1	400
31	Changakkara P.O. Kayyur	R	1	1	500	Pin-up Board	1	500
32	Gwalps	E	1	1	30	Chalk & Duster	1	30
33	Changakkara P.O. Kayyur	R	1	1	100	Water facility	1	100
34	Gwalps	E	1	1	..	Trash can	1	..



**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

*Perambalur* DISTRICT

BLOCK *Perambalur*

Sl. No.	Name of schools	Pvt. I	Aided. II	Requirement of Learning and Teaching Materials		Total cost (in Rs)
				Quantity	Rate	
7	G.L.P.S. Melithanai	E	-	1	1	1
		R	-	1	1	1
8	G.L.P.S. Meeche	E	-	1	1	1
		R	-	1	1	1
9	G.L.P.S. Manila	E	-	1	1	1
		R	-	1	1	1
10	G.L.P.S. Pulliyannur	E	-	1	1	1
		R	-	1	1	1
11	G.L.P.S. Sanketha	E	-	1	1	1
		R	-	1	1	1
12	G.L.P.S. Thuvanthi	E	-	1	1	1
		R	-	1	1	1

Material	Quantity	Rate	Total cost
Alphabet	1	5	5
ABC book	1	5	5
Teaching aids	1	75	75
Gloves	1	20	20
Educational charts	1	90	90
Wisdom Block	1	20	20
Bird Animal puzzle	1	60	60
Toys	1	30	30
Skipping rope	1	60	60
Football	1	70	70
Volley Ball	1	70	70
Rubber ball	1	50	50
Air pump	1	35	35
King	1	50	50
Swing rope	1	35	35
Science kit	1	400	400
Maths kit	1	300	300
Mini tool kit	1	500	500
Dictionaries	1	100	100
Encyclopaedia	1	100	100
Children's Book	1	50	50
Magazine	1	45	45
School Bell	1	50	50
Dholak	1	100	100
Harmonium	1	100	100
Manira	1	50	50
Furniture for Trs.	1	700	700
Boxes	1	300	300
Black Board	1	400	400
Pump Board	1	500	500
Coal & Duster	1	30	30
Water facility	1	100	100
Total	1	1	1

APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS

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DISTRICT

BLOCK 2 (Ashoka)

Sl. No.	Name of schools	Net cost (in Rs)	Yogas	Books	Teaching Aids	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	BOXES	Black Board	Reading Board	Chair & Duster	Water facility
13	Gr LPS Thayar Sachin Kadappuwan P.O. Trincomalee	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	Gr LPS Thayar Kadappuwan P.O. Trincomalee	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	Gr LPS Kadappuwan P.O. Trincomalee	50	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	Gr LPS Velvakele P.O. Alambachi	50	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
17	Gr LPS Velvakele P.O. Kilatikode	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	Gr LPS Padikkal P.O. Kodakkat	50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Vis. N. Govt.



**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

BLOCK Nilshwar

Kannur DISTRICT

Sl. No.	Name of schools	Unit Cost (in Rs)	Alphabets	Story book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	planning Board	Chalk & Duster	Water facility
1	GLPS Panumbra P.O. Panumbra	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2	GLPS Panjamm P.O. Karimthalam	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	GLPS Perumbalra P.O. Perumbalra	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
4	GLPS Vadalekku P.O. Karimthalam	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
5	GLPS Nilshwar P.O. Nilshwar	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	GLPS Nilshwar P.O. Thaikadap panam	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

They're done



APPENDIX - II  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Kasaragod DISTRICT

Sl. No.	Name of schools Pvt. I Aided. II	Block	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Plays	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	Ring	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
32	ALPS Aiyality Islam P.O. Trikaripur	E	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	ALPS Karanjoor Islam P.O. Trikaripur	E	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	ALPS Karanjoor Islam P.O. Trikaripur	R	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	ALPS Karanjoor Islam P.O. Thiruvithy	E	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	ALPS Karanjoor Islam P.O. Peltakumdu	E	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	ALPS Karanjoor Islam P.O. Trikaripur	E	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	ALPS Karanjoor Islam P.O. Trikaripur	E	5	Syllabus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Water facility

**APPENDIX - II**  
**(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)**

K. G. S. S. DISTRICT

Sl. No.	Block	Unit cost (in Rs)	Name of schools	Material	QTY	Unit cost	Total
39	ALPS. Chie	5	Po. Kaitthakad	Tablets	5	5	25
		5		book	5	5	25
		5		Teaching slides	5	5	25
		175		Maps	1	175	175
		300		Globe	1	1	300
		90		Educational charts	90	90	8100
		20		Wisdom Block	20	20	400
		60		Bird Animal puzzle	60	60	3600
		0		toys	0	0	0
		60		SKIPPING rope	60	60	3600
		70		Football	70	70	4900
		70		Volley Ball	70	70	4900
		50		Rubber ball	50	50	2500
		35		Air pump	35	35	1225
		50		Ring	50	50	2500
		35		Swing rope	35	35	1225
		100		Science kit	100	100	10000
		300		Maths Kit	300	300	90000
		300		Mini tool kit	300	300	90000
		100		Dictionaries	100	100	10000
		100		Encyclopaedia	100	100	10000
		..		Children's Book	..	..	..
		45		Magazine	45	45	2025
		50		School Bell	50	50	2500
		100		Dholak	100	100	10000
		100		Harmonium	100	100	10000
		50		Manira	50	50	2500
		700		Furniture for Trs.	700	700	490000
		300		boxes	300	300	90000
		400		Black Board	400	400	160000
		500		Plamp Board	500	500	250000
		30		Chalk & Duster	30	30	900
		100		Water facility	100	100	10000
		..		Task card	..	..	..
40	ALPS parime	E	Po. Padar		5	5	25
		R			5	5	25
41	ALPS padar	E	Kadappuram		1	1	1
		R	Kadappuram		1	1	1
42	ALPS poliapoli	E	Po. Kodakkat		1	1	1
		R			1	1	1
3	ALPS chavara	E	Sajathul Islam		1	1	1
		R	Po. Mysam		1	1	1
14	ALPS. Thumizhi	E	Po. "		4	4	16
		R			4	4	16





APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

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BLOCK

W. G. G. G.

Sl. No.	Name of schools	Unit cost (in Rs)	Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Imps	Skipping rope	Football	Volley Ball	Rubber ball	Air pump	King	Swing rope	Science kit	Maths kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility
1	Elevi Khatamond ALP school P.O. Elevi Thaltur	5	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	Reezhimala ALP school P.O. Karimkalam	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Nattakal ALP school P.O. Nattakal	175	9	9	9	2	1	1	2	2	2	10	1	1	1	1	1	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2
4	Parakadev ALP school P.O. Cherupuzha	100	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	St. Thomas ALP school P.O. Palavayal	90	1	1	1	1	1	5	1	1	10	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	St. Thomas ALP school P.O. Chittakkal	120	18	18	18	2	1	1	1	1	10	1	1	1	1	1	1	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2

Water facility

Chal & Duster

Pin-up Board

Black Board

Boxes

Furniture for Trs.

Manira

Harmonium

Dholak

School Bell

Magazine

Children's Book

Encyclopaedia

Dictionaries

Mini tool kit

Maths kit

Science kit

Swing rope

King

Air pump

Rubber ball

Volley Ball

Football

Imps

Bird Animal puzzle

Wisdom Block

Educational charts

Globe

Maps

Teaching guides

Text book

Syllabus



**BLACK**

PROJECT REPORT FOR OPERATION BLACK BOARD IN *Mangalore*  
BLOCK OF *Kannur* . . . . . DISTRICT, KERALA STATE

POLICY & PERSPECTIVE

Universalisation of elementary education and provision of facilities for free education to all children upto the age of 14, as declared in the Directive Principles of the Constitution, form an area of major emphasis in the New Education Policy. Access to education of a comparable quality upto a particular level irrespective of the socio-economic background of the student, elimination of disparities in the educational system and improvement in the quality of publicly funded schools have been taken up as major objectives under the NEP. Improvement in the quality of education through reform of the content and process of education, improvement in school facilities, provision of additional teachers and laying down minimum levels of learning etc; form components of the action programme.

'Operation Black Board' symbolically denotes the programme for effecting a substantial improvement in facilities in primary education. OB lays down minimum levels of facilities to be provided in all primary schools so far established and prescribes the minimum level of funding for primary schools to be established in future. There are three main inter-dependent components to this scheme. They are (1) provision of two reasonably large all-weather rooms with a deep verandah along with separate toilet facilities for boys and girls; (2) provision of essential teaching and learning materials like maps, charts, black boards, books, toys equipments for work experience etc., and (3) provision of at least two teachers, preferably with one woman teacher. During 1987-88, 20% of the Block and Municipal areas and the independent lower primary schools therein will be selected based on certain norms. Coverage is limited to schools run by Government, local Bodies, Panchayat Raj Institutions and recognised aided institutions.

OPERATION BLACK BOARD IN *Mangalore* . . . . . BLOCK  
MUNICIPALITY/CORPORATION *Kannur*

*Kannur* is one of the two blocks selected from *Kannur* district. The other block is *Malappuram*. Besides, Municipal town of *Kannur* and Corporation/Municipality of *Kannur* have been selected during 1987-88. *Kannur* falls in *Kannur* Educational District and the Block/Municipal jurisdiction covers portions of *Mangalore* educational Sub Districts.

The special survey has been conducted to ascertain the position of facilities available in the elementary schools in the proforma prescribed by NCERT and following the guidelines issued from Government of India from time to time. Government schools, recognised aided institutions and local body schools alone have been included. Lower Primary schools attached to Upper primary and High schools and T.T.I's were excluded. The data have been collected taking 30-9-1986 as the reference date.

The consolidated information on the number of schools and the existing facilities and additionally required vis-a-vis buildings, toilets and learning and teaching materials are given to Appendix I and II.

Part I- Provision of Second Teacher.

In *Mangalore* as in all other blocks and Municipal areas, there are no single teacher schools. Nearly two-thirds of school teachers in Kerala are women and hence deficiency of women teachers is not felt. Hence the teacher component of Operation Black Board is left out from the project Report, being not relevant. The teachers are qualified and they are given inservice training and orientation under the Passive Teacher Orientation Programme, in a phased manner, commensurate with allocations and targets. However, special training programmes will be undertaken to train them in the use of learning and teaching aids. This aspect will also be included in the existing training programmes. Handouts will also be prepared on the use of teaching aids.

PART - II

Two main components of OB relevant to *Mangalore* Block are construction of buildings and toilets and provision of equipments specified under OB. They are treated as Part II and Part III. Information on Part II requirements are shown in Appendix I (Government schools only). Out of a total number of *36* schools *24* schools require additional buildings of two rooms with the verandha and built in black boards in the class rooms at either end of the verandha. Designs, functionally efficient and unostentatious, will be finalised. For *12* buildings at a unit cost of *Rs. 6000* the requirement is *Rs. 72,000*. For *43* toilets, considering the need for two toilets for schools not having them, the financial requirement is *Rs. 2,500* at a unit cost of *Rs. 500*. For construction purposes only Government schools are considered. As for provision of drinking water facility, digging of well in schools where there exist non is included. For digging *16* well at a unit cost of *Rs. 1500*, the requirement is *Rs. 24,000*. In other cases Managers will be made to make up for deficiencies, if any.

(contd....)

The financial requirement will be met from NREP and RIEGP funds operated by the Rural Development Department. The District Rural Development Agencies will undertake the construction through the B.D.O. and the Block Engineering staff. The Parent Teacher Association which occupies the role of the Village Education Committee will take up the role of the beneficiary committee envisaged under NREP and RIEGP. Excess material cost over the material labour ratio of 50:50 will be met by the P.T.A through local contribution. The P.T.A will also undertake periodic maintenance, provision of land and fencing. Undertaking will be obtained in writing in this regard. Wherever PTA's are unable to provide this because of their economic backwardness, Departmental funds will be set apart along with funds available under special component plan, Tribal Sub Plan etc. While undertaking the construction work, the flow of funds under drought relief, Social Forestry etc; will be made use of to the extent practicable under individual circumstances.

The District Collector, who is the Chairman of DRDA and the sanctioning authority under NREP as well as RIEGP will sanction and supervise the work. A Committee headed by the District Collector and consisting of Project Officer, DRDA, DRDA Engineer, B.D.O, Deputy Director of Education and the concerned Assistant Educational Officers will review the progress and initiate corrective action. At the State level, the Commissioner and Secretary, General Education, Commissioner for Rural Development, Director of Public Instruction and the Additional Secretary in charge of National Education Policy programmes will review the progress periodically. This will be in addition to the general review of NREP and RIEGP by the Chief Secretary.

The estimates for construction will be prepared, subjected to technical scrutiny and administrative sanction by 31-12-1987. The beneficiary committee will also be formed in respect of each school by the Block Development Officer simultaneously. The construction will be taken up and completed in the course of January, February and March 1988, which is the ideal season for construction. Left over, if any, will be completed during the midsummer vacation during April and May. The new buildings and toilets will be put to use when the schools re-open in the first week of June 1988. The whole activity will be pursued as an intense campaign.

#### PART III- LEARNING MATERIAL

The requirement and existing position school wise is in Appendix II: (School wise list of requirement is separately maintained. The financial requirement for the procurement of the materials is calculated at Rs. 8.2,1305. . . . adopting unit costs prescribed by Government of India. No deviation in items or cost is proposed. Unit cost is also noted in Appendix-II

(contd...4)

Replenishment of materials will be made by State Government in the case of Government Schools. In the case of Aided Schools the managers will replace damaged materials. This will be insisted at the time of inspection and while releasing grants. The existing departmental budget provision will be utilised for replenishing materials and for supplying them and for new schools.

For procurement two methods will be adopted. Items produced under and which can be produced under socially useful productive work programmes and ITI's will be procured by placing bulk orders with them. In other cases, quotations will be obtained from reputed suppliers, and after scrutiny of the samples and approval of a special Departmental purchase committee orders will be placed. The distribution will be effected as per requirement of schools through the State Institute of Education and the Assistant Educational Officers concerned. The State Institute of Education will arrange programmes of training for the teachers and will bring out a handout on its use, Video programmes will be prepared, demonstrating the use of equipments and the Cassettes will be displayed.

While working out the requirements of materials the norms prescribed by Government of India have been followed. Double the requirements has been included for schools having more than one division. Deficiencies alone have been included and for black boards, existing schools alone were considered.

During the month of December 1987 and January 1988, collection of quotations and other information will be pursued. Orders will be placed by January end. After obtaining the materials in February, the distribution will be effected in March 1988. An abstract of requirements and cost is available in Appendix III.

#### G E N E R A L

The undertakings specified by government of India in the enclosed guidelines to the D.O. letter of Sri. Y. B. Chaturvedi, Joint Secretary (Schools) (D.O.No.F1-16/87-Sch.II dated 25th September 1987) will be obtained and provided. At present the number of schools in the block is considered sufficient. As the survey is going on to decided whether educational needs are fully met with, further opening of schools will be made subject to the findings of the survey. Dropout in primary level is also low. Teachers and PTA will follow up the cases of dropouts. The monitoring arrangements prescribed will be followed. The information in the specified proforma (Appendix IV) will be obtained from the Assistant Educational Officer (nodal officer for the Block) and from the Deputy Director (nodal officer in the revenue District) and quarterly progress reports will be submitted to Government of India.

KASARGOD

ABSTRACT

MANJESWAR

District....	Unit Cost	No projected	Block Total.....	
1. Building	<del>60000</del> 52000	24 (12+12)	1248000	720000
2- Toilet	5000	43	215000	215000
3. Well	15000	16	80000	24000
Total			1643000	959000
4. Syllabus	<del>5.0</del> 8.5	72	360	
5. Text books	25.00	87	2175	117 priority
6. Teacher's Guides	15.00	87	1305	60000/12
7. Maps	175.00	113	19775	720000
8. Plastic Globe	100.00	76	7600	=
9. Educational Charts	90.00	76	6840	
10. Wisdom Blocks	120.00	121	14520	
11. Bird and Animal Puzzle	60.00	121	7260	
12. Toys	300.00	121	36300	
13. Skipping Rope	60.00	103	6180	
14. Football	70.00	115	8050	
15. Volley Ball	70.00	120	8400	
16. Rubber Balls	50.00	108	5400	
17. Air pump	35.00	120	4200	
18. Ring	50.00	111	5550	
19. Swing rope with tyre	35.00	122	4270	
20. Primary Science Kit	400.00	121	48400	
20 Mini Tool Kit	300.00	121	36300	
22- Mathematics Kit	300.00	121	36300	
23. Dictionaries	100.00	103	10300	
24. Encyclopaedia	100.00	117	11700	
25. Children's Books	1600.00	94	150400	
26. Magazine	450.00	121	54450	
27. School Bell	50.00	25	1250	
28. Dholak or Tabla	100.00	121	12100	
29. harmonium	500.00	121	60500	
30. Manjira	50.00	121	6050	
31. Furniture for teachers	700.00	71	49700	
32. boxes	300.00	484	145200	
33. Black Board	400.00	69	27600	
34. Pin-up board	50.00	121	6050	
35. Chalk & Duster	30.00	484	14520	
36. Water facility	100.00	82	8200	959000
37. Trash Can	50.00	82	4100	821305
Total....			821305	1780305
Grand Total	7215.00		1548000	

2364305

APPENDIX - I.

Block/Municipality. Manjeshwar

District. Kasaragod

Total number of Independent Primary Schools (LP) in the Block/Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required. (Govt. schools only). (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
82	35	47	<p>I. First priority</p> <p>1. G.B.L.P.S. Anikady (General) P.O. Kumbala</p> <p>2. G.M.L.P.S. Anikady P.O. Kumbala</p> <p>3. G.B.L.P.S. Bambhrama P.O. Bambhrama</p> <p>4. G.E.L.P.S. Kumbala P.O. Kumbala</p> <p>5. G.L.P.S. Majibail P.O. Majibail</p> <p>6. G.L.P.S. Pattur road P.O. Mulinje</p> <p>P.O. Uppala</p>	<p>1. G.B.L.P.S. Anikady (General) P.O. Kumbala</p> <p>2. G.M.L.P.S. Anikady P.O. Kumbala</p> <p>3. G.B.L.P.S. Bambhrama P.O. Bambhrama</p> <p>4. G.B.L.P.S. Heroot P.O. Heroot</p> <p>5. G.L.P.S. Kadook P.O. Kundapadavu</p> <p>6. G.L.P.S. Kamvathintha P.O. Kunjathur</p> <p>7. G.L.P.S. Kunjathur P.O. Kunjathur</p>	<p>1. G.B.L.P.S. Anikady (General) P.O. Kumbala</p> <p>2. G.M.L.P.S. Anikady P.O. Kumbala</p> <p>3. G.L.P.S. Badaje P.O. Badaje</p> <p>4. G.B.L.P.S. Bambhrama P.O. Bambhrama</p> <p>5. G.B.L.P.S. Heroot P.O. Heroot</p> <p>6. G.L.P.S. Kidoor P.O. Schilampady</p> <p>7. G.W.L.P.S. Manjeshwar P.O. Manjeshwar</p>	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Two Room Building	66	3324 (12+12)	60,000	1976,000/-
2.	Toilets	27	43	5,000	215,000/-
3.	Well/drinking water facilities	19	16	15,000	240,000/-
Grand Total					2271,000/-
					1543000



Block/Municipality. Mangeshwar

District. Kasaragod

Total number of Independent Primary Schools (LP) in the Block/ Municipality. (1)	No. of Govt. L.P. Schools. (2)	No. of Aided L.P. Schools. (3)	Name of schools where construction of class rooms are required (Govt. schools only) (4)	Name of schools where Toilets are required (Govt. Schools only) (5)	Name of Schools where well drinking water facility to be provided (Govt. Schools only) (6)	Remarks. (7)
			7. GMLPS udyavartholta P.O. Mangeshwar	8. GLPS Kidoor P.O. Schilampady	8. GLPS. Mulinje P.O. Uppala	
			8. GLPS Vamanjoor P.O. Bangaram Mangeshwar	9. GLPS. Kuloor P.O. cherla	9. GBLPS. Ujapukkuvar P.O. Kidoor	
			9. GLPS Kodiyamme P.O. Schilampady	10. GELPS Kumbala P.O. Kumbala	10. GMLPS udyavartholta P.O. Mangeshwar	
			10. Govt. Jr. B. school Peral. P.O. Magral	11. GLPS mayilail P.O. mayilail	11. GLPS. Vamanjoor P.O. Bangaram Mangeshwar	
			11. G.W.LPS. Kumbala P.O. Kumbala	12. G.W.LPS mangeshwar P.O. mangeshwar	12. G.J.B.LPS. Mugu P.O. Mugu	
			12. GLPS Kammur P.O. Edanad	13. GBLPS mangalady P.O. mangalady	13. GLPS Kammur P.O. Edanad	
			13. G.W.LPS. Bela P.O. Bela	14. GLPS mulinje P.O. Uppala	14. G.W.LPS. kajampady P.O. Padre	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Room building			60,000	
2.	Water			52,000	
3.	Well/Drinking water facility			5,000	
				15,000	

Grand Total

Block/Municipality Mangeshwar

District Kasaragod

Total number of Independent Primary Schools (LP) in the Block/ Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drink- ing water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

14. GLPS Neltamige P.O.	15. G.L PS Palthur P.O. Kadalnagogaru	15. GLPS Neltamige P.O.
<u>II. P.M. Pality</u>		
1. GLPS. Kammalathol P.O. Kungathur	16. GLPS Thekkal P.O. Kadambur	16. GLPS. Kudlu P.O. Kudlu
2. GLPS. Kidoor P.O. Ichilampady	17. GLPS ujarulwar P.O. Kidoor	
3. GLPS. Kuloor P.O. Cherla	18. GLPS udjavarthol P.O. Mangeshwar	
4. GLPS Mangeshwar P.O. Mangeshwar	19. GLPS Vamanjoch P.O. Bangara Mangeshwar	
	20. GLPS Kodiyamme P.O. Ichilampady	

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OE Norms.	Unit cost	Total cost.
1.	Two Room Building			60,000	
2.	Toilets			52,000	
3.	Well/drinking water facility			5,000	
				15,000	

Grand Total

APPENDIX - I.

Block/Municipality. *Manjeshwar*

District. *Kasaragod*

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

5. G.H.W. L.P. school <i>Mangalpadu</i> P.O. <i>Mangalpadu</i>	21. Govt. Jr. B. School <i>Peral</i> P.O. <i>Mogral</i>
6. G.L.P.S. <i>Pattur</i> P.O. <i>Kodlanogaru</i>	22. G.J.B.L.P.S. <i>Mugu</i> P.O. <i>Mugu</i>
7. G.L.P.S. <i>Thelekkala</i> P.O. <i>Kadambari</i>	23. G.L.P.S. <i>Kammur</i> P.O. <i>Edamad</i>
8. G.B.L.P.S. <i>Ujarulurua</i> P.O. <i>Kidloor</i>	24. G.W.L.P.S. <i>Kajampady</i> P.O. <i>Padre</i>
9. <del>G.L.P.S.</del> G.J.B.L.P.S. <i>Mugu</i> P.O. <i>Mugu</i>	25. G.W.L.P.S. <i>Bela</i> P.O. <i>Bela</i>
	26. Govt. Jr. Basic school <i>Kumbadaje</i> P.O. <i>Bagalpady</i>

Sl. No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional requirement as per OB Norms.	Unit cost	Total cost.
1.	Two Store Building			5,000	
2.	Toilet			5,000	
3.	Well/Drinking water facility			15,000	

Grand Total

APPENDIX - I.

Block/Municipality. Mangasur

District. Kasaragod

Total number of Independent Primary Schools (LP) in the Block/Municipality.	No. of Govt. L.P. Schools.	No. of Aided L.P. Schools.	Name of schools where construction of class rooms are required (Govt. schools only)	Name of schools where Toilets are required (Govt. Schools only)	Name of Schools where well drinking water facility to be provided (Govt. Schools only)	Remarks.
(1)	(2)	(3)	(4)	(5)	(6)	(7)

10 Govt. Jr. Basic School  
Kumbadaje  
Po Agalparthy.

27 G.L.P.S. nettanige  
Po.  
28 G.L.P.S. Kudlu  
Po. Kudlu  
29 G.L.P.S. madhuz  
Po. Multathody  
30 G.L.P.S. shiribigila  
Po. shiribigila.

Sl: No.	Item.	Total No. of rooms/Toilets etc. now available in the Block.	Additional require- ment as per OB Norms.	Unit cost	Total cost.
1.	Pro. Room Building			50,000	
	Water			5,000	
3.	Water facility			15,000	

Grand Total















(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Rayachoti DISTRICT

BLOCK Mas...

Sl. No.	Unit cost (in Rs)	Name of schools	Material	Quantity	Unit cost (in Rs)	Total
36	15	Per aided School 47	Jr. Basic school	Maths	1	15
				English	1	15
37	15	Per aided School 47	SS ALPS Maltur Lake	Teaching guides	1	15
				Maps	1	15
38	120	Per aided School 47	SR ALPS Kayyara	Globe	1	120
				Educational charts	1	120
39	60	Per aided School 47	Kodi bale	Wisdom Block	1	60
				Bird Animal puzzle	1	60
40	60	Per aided School 47	SS ALPS Kamigala	Toys	1	60
				Skipping rope	1	60
41	70	Per aided School 47	Paucan	Football	1	70
				Volley Ball	1	70
42	50	Per aided School 47	Paucan	Rubber ball	1	50
				Air pump	1	50
43	10	Per aided School 47	Paucan	Ring	1	10
				Swing rope	1	10
44	400	Per aided School 47	Paucan	Science kit	1	400
				Maths Kit	1	400
45	300	Per aided School 47	Paucan	Mini tool kit	1	300
				Dictionaries	1	300
46	100	Per aided School 47	Paucan	Encyclopaedia	1	100
				Children's BOOK	1	100
47	45	Per aided School 47	Paucan	Magazine	1	45
				School Bell	1	45
48	100	Per aided School 47	Paucan	Dholak	1	100
				Harmonium	1	100
49	50	Per aided School 47	Paucan	Manira	1	50
				Furniture for Trs.	1	50
50	300	Per aided School 47	Paucan	Boxes	1	300
				Black Board	1	300
51	400	Per aided School 47	Paucan	Pin-up Board	1	400
				Chal & Duster	1	400
52	100	Per aided School 47	Paucan	Water facility	1	100

APPENDIX - 11  
(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Kasaragod DISTRICT

Sl. No.	Block	Name of schools Pvt. I Aided. II	Unit cost (in Rs)	Materials																																	
				Syllabus	Text book	Teaching guides	Maps	Globe	Educational charts	Wisdom Block	Bird Animal puzzle	Toys	SKIPPING rope	Football	Volley Ball	Rubber ball	Air pump	Ping	Swing rope	Science kit	Maths Kit	Mini tool kit	Dictionaries	Encyclopaedia	Children's Book	Magazine	School Bell	Dholak	Harmonium	Manira	Furniture for Trs.	Boxes	Black Board	Pin-up Board	Chal & Duster	Water facility	
42	SPL ALPS Bayar	E	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Po. Bayar	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
43	ALPS Bayar	E	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	Perodi	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	SU ALPS Bayar	E	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Karia	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	Badar perumudi	E	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	PA ALPS	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
46	Avala ALPS	E	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Bayar	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Po. Bayar	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47	Allegali ALPS	E	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Kaygar	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Po. Kaygar	R	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Trash can



REQUIREMENT OF LEARNING AND TEACHING MATERIALS

Kasaragod DISTRICT

BLOCK Mamjeshwar

Sl. No.	Unit cost (in Rs)	Name of schools	Material	Quantity	Unit cost (in Rs)
54	5	NVA L.P.S. Thottakady P.O. Meeyapada	syllabus	1	5
			Text book	5	25
55	15	Kappan A.L.P.S. Vaakady P.O. Vaakady	Teaching guides	1	15
			Maps	2	175
56	100	A.L.P.S. Udayavan Bhagavathy P.O. Kunjathun	Globe	2	200
			Educational charts	1	100
57	50	A.L.P.S. Badoon Padavu	Wisdom Block	2	100
			Bird Animal puzzle	2	100
58	60	M.S. A.L.P.S. Phallatharayam P.O. Dhanmathk	Toys	2	120
			SKIPPING rope	2	120
59	70	Vidyasree A.L.P.S. Beapada	Football	1	70
			Volley Ball	1	70
60	50	P.O. Beapada	Rubber ball	1	50
			Air pump	1	50
61	35	P.O. Beapada	Ring	1	35
			Swing rope	1	35
62	400	P.O. Beapada	Science kit	1	400
			Maths Kit	1	400
63	300	P.O. Beapada	Mini tool kit	1	300
			Dictionary	1	300
64	100	P.O. Beapada	Encyclopaedia	1	100
			Children's Book	1	100
65	45	P.O. Beapada	Magazine	1	45
			School Bell	1	45
66	100	P.O. Beapada	Dholak	1	100
			Harmonium	1	100
67	50	P.O. Beapada	Manira	1	50
			Furniture for Trs.	1	50
68	300	P.O. Beapada	Boxes	1	300
			Black Board	1	300
69	400	P.O. Beapada	Pin-up Board	1	400
			Chal & Duster	1	400
70	700	P.O. Beapada	Water facility	1	700
			Trayb case	1	700



APPENDIX - II  
 (REQUIREMENT OF LEARNING AND TEACHING MATERIALS *has been supplied*) DISTRICT

Sl. No.	Name of schools	Type	Block	Requirement		Unit	Estimated cost (in Rs)
				Material	Cost		
66	Nidya Vinodan P.O. Yelkudis	R	II	Syllabus	5	5	
67	S.S. Panchayat P.O. Belli	R	II	Text book	5	5	
		E	II	Teaching guides	15	15	
68	Z.S.A. P.S. P.O. Belli	R	II	Maps	175	175	
		E	II	Globe	120	120	
69	H.S. College P.O. Nischal	R	II	Educational charts	30	30	
		E	II	Wisdom Block	120	120	
70	A.L.P.S. K. Linga P.O. Nischal	R	II	Bird Animal puzzle	60	60	
		E	II	Toys	300	300	
71	Aided Jr. Basic School Chedikena P.O. Nekkenaje	R	II	Skipping rope	60	60	
		E	II	Football	70	70	
		R	II	Volley Ball	70	70	
		E	II	Rubber ball	50	50	
		R	II	Air pump	35	35	
		E	II	Ring	50	50	
		R	II	Swing rope	35	35	
		E	II	Science kit	400	400	
		R	II	Maths kit	300	300	
		E	II	Mini tool kit	300	300	
		R	II	Dictionaries	10	10	
		E	II	Encyclopaedia	10	10	
		R	II	Children's Book	..	..	
		E	II	Magazine	45	45	
		R	II	School Bell	50	50	
		E	II	Dholak	100	100	
		R	II	Harmonium	100	100	
		E	II	Manira	50	50	
		R	II	Furniture for Trs.	700	700	
		E	II	Boxes	300	300	
		R	II	Black Board	400	400	
		E	II	Pin-up Board	500	500	
		R	II	Chal & Duster	30	30	
		E	II	Water facility	100	100	
				<i>Teacher's Com.</i>			





APPENDIX - II

(REQUIREMENT OF LEARNING AND TEACHING MATERIALS)

Kasaragod

DISTRICT

Sl. No. 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800

Block Name

Sl. No.	Name of schools	Unit cost (in Rs)	Material	Quantity	Cost
781	Smt. D.P. A.L.P.S. SANTA	5	Syllabus	1	5
	Pvt. I	25	Text book	1	25
	Aided. II	15	Teaching guides	1	15
		175	Maps	1	175
		100	Globe	1	100
		90	Educational charts	1	90
		120	Wisdom Block	1	120
		60	Bird Animal puzzle	1	60
		300	Toys	1	300
		60	Skipping rope	1	60
		70	Football	1	70
		70	Volley Ball	1	70
		50	Rubber ball	1	50
		35	Air pump	1	35
		50	King	1	50
		35	Swing rope	1	35
		400	Science kit	1	400
		300	Maths kit	1	300
		300	Mini tool kit	1	300
		10	Dictionaries	1	10
		10	encyclopaedia	1	10
			Children's book	1	
		15	Magazine	1	15
		50	School Bell	1	50
		100	Dholak	1	100
		100	Harmonium	1	100
		50	Manira	1	50
		790	Furniture for Trs.	1	790
		300	Boxes	1	300
		100	Black Board	1	100
		50	Pin-up Board	1	50
		30	Chal & Duster	1	30
		100	Water facility	1	100
			Trash can	1	

Sub. National Systems Unit,  
National Institute of Educational  
Planning and Administration  
17-F, S. A. B. Road, Connaught Place, New Delhi-110016  
DOC. No. 4/1/5  
Date: 12/11/89

