

MORTGAON  
DISTRICT PLAN  
FOR THE  
UNIVERSALIZATION  
OF  
ELEMENTARY EDUCATION  
UNDER  
SOCIAL SAFETY NET PROGRAMME



PREPARED BY :  
DISTRICT CORE GROUP  
MORTGAON DISTRICT.

**LIBRARY & DOCUMENTATION CENTRE**

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## PREFACE

Prime Minister Mr. Rajiv Gandhi in his broadcast to the nation, on January 5, 1985 promised a new education policy that would equip the country both scientifically and economically to enter the 21st century. With this announcement, the process of formulating a New Educational Policy began in 1985. Accordingly, the then Education Minister, Shri K.C. Pant presented a 'Status Paper' entitled "Challenge of Education - A Policy Perspective" to the Prime Minister on 20th August, 1985. The same day, it was presented to the Parliament. There was a nationwide debate on this document. The Ministry of Human Resource Development [Education Department] brought out a revised document entitled "NATIONAL POLICY ON EDUCATION, 1986-A PRESENTATION" in April 1986. The document was discussed in the meeting of State Ministers of Education, National Development Council and the Central Advisory Board of Education. "Draft National Policy on Education, 1986" was presented in the parliament in the month of May, 1986. The draft was debated and adopted by the Lok Sabha on May 8 and by the Rajya Sabha on May 13, 1986.

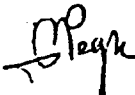
Universalization of Elementary Education [UEE] is one of the major aims of this policy and this draft plan focuses on the basic steps which will lead to the ultimate goal of UEE. The main guiding principle for the formulation of this plan has been "EDUCATION FOR EQUALITY." This plan envisages to change the present status of women, Scheduled Caste, Scheduled Tribes and other weaker sections of Morigaon District in the fields of education and health. This has been done deliberately so as to bring parity between the haves of the society with the havenots of the society as we believe that disparity invites and harbours mistrust, disharmony social tension and unrest.

Morigaon is a very very young district. Since 26.1.72 it was a sub division of Nagaon District. It became a full fledged independent district as recently as 14.10.89. The district has a mixed population and Scheduled Castes and Tribes together constitute about 30% of the total population. The literacy rate is a low 38.49% as per 1991 population census. The sex wise literacy rate break up is - 45.52% for the males and a very poor 31.03% for the fair sex. The unenrollment rates [13%] and the drop out rates [16%] are also very high for children between 6 to 14 years of age.

This plan hopes to successfully and quickly bring educational parity between all the segments of the populace of Morigaon District, increase the literacy rate to a respectable level and more importantly make all the females of the coming generations fully literate because having a literate mother is as good as winning half the battle in the quest of Universalization in Elementary Education.

This plan also aims to successfully launch the universalization of Elementary Education Programmes by providing all the facilities at the very beginning of this project so that on completion of the tenure of this programme the march towards UEE sustains itself automatically on the basic foundations of this programme.

Before concluding I must refer to the novel concept of Early Childhood Care and Education (ECCE) which will help us, finally, in producing a high quality manpower resource. As the popular saying goes 'CHILD IS THE FATHER OF MAN', therefore man must improve the quality of life of these little gems and pearls, the citizen of tomorrow, by giving them the gift of 3 R's.

 26/4/93  
( J.C. PEGU )

Deputy Commissioner, Morigaon  
and  
Chairman, Core Group for  
the Formulation of District  
Primary Education Plan  
for Morigaon.

## INTRODUCTION

## INTRODUCTION

It is known to all that education is essential for all. According to Gandhiji, "By education I mean an all round drawing out of the best in child and man, body, mind and spirit." Perceptions that contribute to national cohesion, a scientific temper and independence of mind and spirit - thus furthering the goals of socialism, secularism and democracy as enshrined in our constitution. Education develops manpower for different levels of the economy. As such, education is a unique investment in the present for the future.

Recognising the holistic nature of child development viz :- nutrition, health, social, mental, physical, moral and emotional development, Early Childhood Care and Education will receive high priority. Programmes of ECCE will be child-oriented, focussed around play and the individuality of the child. The local community will be fully involved in these programmes. The new thrust in Elementary Education will emphasise three aspects:

- (i) Universal Enrolment.
- (ii) Universal retention of children up to 6-14 years of age and
- (iii) a substantial improvement in the quality of Education.

A warm, welcoming and encouraging approach, in which all concerned share a solicitude for the needs of the child, is the best motivation for the child to attend school and learn. A child-centred and activity-based process of learning will be adopted at the primary stage.

Provision will be made for essential facilities in Primary Schools, including reasonably large rooms that are usable in all weather, and necessary toys, blackboards, maps, charts, and other learning materials will be provided. Government, local bodies, voluntary agencies and individuals will be fully involved.

The District of Morigaon is backward both economically and educationally, with regards to composition of the population of the district, it consists of different sections of people including Scheduled Caste, Scheduled Tribes, minorities etc. The present position of the primary education of the district is not upto the expectation for various reasons such as poor building facilities, poor communication, dearth of sufficient number of teachers etc.

For overall improvement of the primary education of the district including universal enrolment and checking of drop-outs, a new elementary education strategy is being proposed under the district plan for Universalization of Elementary Education under Social Safety Net.

## OBJECTIVES

## OBJECTIVES

The main objective of this programme for Morigaon District, keeping in view the low level of literacy, is to develop.....

(a) Strong and sound basic infrastructure to impart Elementary Education in a simple but scientific way to all the students with special emphasis on the female students.

(b) Reduce the over all primary drop-out rates for all the students, more specially the girls.

(c) Increase over all primary learning achievement over current measured level with special emphasis on the female gender.

(d) Increase enrolment and thereby reduce drop-out rates of S.C and S.T children.

(e) Provide access to Primary Education for all students according to national norms, including NFE as a short gap measure for those unable to enrol them selves in formal schools.

(f) Strengthen the District Institutions and Organisations involved in the planning, management and evaluation of Basic Education Programme.

(g) Give adequate health facilities right from infancy and introduce them to the process of learning through play way method leading finally to the formal way of education and learning.



PROFILE  
OF  
MORIGAON  
DISTRICT

## Profile of Morigaon District

---

The present Morigaon District was a Sub-division of undivided Nagaon District from 26.01.72. It has become a full-fledged district w.e.f.14.10.89. Morigaon town, the headquarter of the district is approximately 26.23 degree north latitude and 92.33 degree east longitude and is 78 kms. from Dispur, the Capital of Assam. Morigaon District is bounded on the north by the river Brahmaputra, on the East by Nagaon Dist., on the South by Karbi Anglong Dist. and portions of Meghalaya State and on the West by Kamrup Dist. The total geographical area of the district is 1587.40 Sq.Kms. and it is the second smallest district of Assam.

As per 1991 population census population of the district is 639953 (Male 329672, Female 310281, S.C. 91876, S.T. 108161) The population density of the District is 406 per Sq.Km. There are 942 females per 1000 males in the district. The literacy rate as per 1991 census is 38.49 % (male 45.52% and female 31.03%) .

Administratively, there are five revenue Circles and this covers a total of 630 revenue villages (Mayong Revenue Circle-178, Mikirbheta Revenue Circle-65, Bhuragaon Revenue Circle-122, Morigaon Revenue Circle-163, Laharighat Revenue Circle-102). A total of 6 developmental blocks (3 complete and 3 partial) looks after the developmental activities of the district.

The main religions professed are Hinduism and Islam. Languages like Assamese, Bengali, Hindi, Bodo, Lalung and other dialects are spoken by the local people.

As far as education is concerned the following languages Assamese, Bengali, Hindi and Bodo are used as media of instruction.

PRESENT  
EDUCATION  
STATUS  
OF  
MORIGAON

PRESENT EDUCATION STATUS OF MORIGAON DISTRICT :

The District is divided into 4(Four) Educational Blocks (3-full ,1-partial) and 1-Urban Circle. For smooth functioning of the educational administration,there are four Block Elementary Education Officers with full fledged Block Elementary Education Office and one Deputy Inspector of Schools with full fledged Office. There is one District Elementary Education Office headed by the District Elementary Education Officer in the Head Quarter of the District .There is one Inspectorate headed by ohe Inspector of Schools ,Morigaon District Circle who looks after High and Higher Secondary schools.

For Adult Education, there are two Adult Education Projects in the District .There were also three Non-Formal Education Projects in the District earlier .In each Projects ,there were 120 Non-Formal Education Centres but these have been abolished now .There are six sub-Inspector of schools ,sixteen Supervisors and three Projects Officers with their Project Office

There are no I.T.I Training Centres,Teachers Training College,Engineering College,other Technical Educational Institution in the District .

Literacy rate is 38.49% as per 1991 Census (Male = 45.52%,Female = 31.03%) Academic session starts from January and ends on December of the year .

%age of drop-out children (6-11 Yrs) .....	12%
%age of Unenrolled children (6-11 Yrs ).....	13%
Girls Enrolment (6-11 Yrs).....	22,783.
S.C.Boys Enrolment(6-11 Yrs).....	15,988.
S.T.Boys Enrolment (6-11 Yrs).....	17,978.

ESTIMATES OF  
E.C.C.E., PRIMARY SCHOOLS AND F.E.  
AT A GLANCE



11 Cost of supplementary nutrition :

<u>Cost per Child</u>	<u>No. of Children</u>	<u>Cost per year</u>
Per year Rs.300	Per year 17420	Per year Rs.5226000
Total cost ..... Rs.26130000		

12. Training cost :

<u>No.of workers and Helpers to be Trained .</u>	<u>Per worker Training cost .</u>	<u>Total cost.</u>
315	Rs.1656	Rs 521640

13. Learning materials cost :

<u>No.of centre .</u>	<u>Cost per centre.</u>	<u>Total cost.</u>
315	Rs.7935	Rs.2499525

14 Anganwadi workers Guide cost :

<u>No.of workers</u>	<u>Cost per guide</u>	<u>Total cost.</u>
315	Rs.200	Rs.75,000 *

Note : 375 guides will be produced for 315 workers.

15. Cost of Baseline Survey .....Rs.200000

16. Guide Development .....Rs.100000

17. Teachers training centre :

(A) Construction .....	Rs 52,00,000
(B) Furniture.....	Rs 22,00,000
(C) Equipments.....	Rs.12,00,000
(D) Management.....	Rs. 1,95,000

18. Operatio and Maintenance :

(A)Trained @ 3000 pm for 16 nos.....	Rs.23,04,000
(B)U.D.A @ 2500 pm for 4 nos.....	Rs. 4,80,000
(C)L.D.A. @ 1500 pm for 4 nos.....	RS. 2,88,000
(D)Grade iv. @ 1000 pm for 8 nos.....	Rs 3,84,000

TOTAL.....Rs.34,56,000

19. Master Training cost :

(1) Initial Master Training .....Nos.of trainee = 90  
Cost .....Rs 4,11,000

(2) Follow up Master Training .....Nos.of trainee =90  
Cost.....Rs 75,000

TOTAL .....Rs 4,86,000

20 Cost in service teacher training :

(A) V.E.C.....	2000 trainee
(B) New teacher.....	1500 trainee
(C) Existing teacher.....	2000 trainee
(D) UPE .....	270 trainee
(E) NGO .....	100 trainee

TOTAL COST.....Rs 88,05,000

21. Cost of Midday Meals :

Nos.of children.....20,500  
Cost .....Rs 3,07,50,000

22. Cost of uniform :

Nos.of children.....56,750  
Cost .....Rs 4,25,62,500



ESTIMATE FOR PRIMARY EDUCATION AT A GLANCE

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2.1.	Children 6-11 age group in the base year .....	1,78,592
2.2.	Children 6-11 age group in the Target year .....	2,38,360
2.3.	Enrolment in the Base year.....	1,60,764
2.4.	Age specific Enrolment in the Base year .....	1,33,068
2.5.	Drop-outs at the Primary level.....	35,256
2.6.	Number of Habitated village without primary schools.....	240
2.7.	Status of primary school building (existing ).....	1016
2.8.	Numbers of Instructional Room in school.....	776
2.9.	Numbers of teacher in school.....	1946
2.10.	Numbers of	
	untrained teachers .....	454
	trained teachers.....	1492
2.11.	Costs of school building :	
	(a)Nos of buildings to be constructed i)Absolutely new = 40	
	ii)Renovation of existing schools = 270	
	Total amount .....	Rs 6,02,33,000
2.12.	Cost of dilapitated building :	
	No.of building .....	67 building
	Expenditure.....	Rs.33,50,000
2.13.	Cost of Additional Room :	
	No. of rooms.....	343
	Expenditure .....	Rs.86,53,600
2.15.	Maintenance cost of primary schools : for 4 years	
	Nos of school.....	1016
	Cost.....	Rs 1,01,60,000
2.16.	Teachers salary :	
	Teachers to be appointed .....	1,500
	Salary .....	Rs.4,05,000

2.24. Lumpsum amount at the District Level :

(1) Up-Gradation of DIET :

(a) Infrastructure.....	Rs.30,00,000/-
(b) Human Resource.....	Rs. 3,00,000/-
(c) Equipment .....	Rs. 2,00,000/-
(2) Training National Development	Rs. 2,00,000/-
(3) Production and distribution of training materials .....	Rs. 2,00,000/-
(4) strengthening of D.E.E.O.....	Rs.28,00,000/-
(5) Baseline Survey.....	Rs. 2,00,000/-
TOTAL.....	Rs.69,00,000/-

ESTIMATE FOR NON FORMAL EDUCATION AT A GLANCE  
-----

.1. Nos.of NFE Centre and enrolment in the Base Year .....	Nil.
.2. No of school children in age Group 9-14 .....	39,037.
.3. NFE Centre to be opened.	
(A) No.of Habitation Village where Primary schools cannot be opened .....	180.
(B) No.of NFE Centre.....	180.
Total .....	360.
.4. Salary cost.	
No.of Instructor .....	360.
Cost Rs.....	4,53,600.
.5 Nos of Instructors.....	360.
Training cost Rs.....	4,32,000.
.6. Cost of NFE Centre .....	Rs 1,82,26,800.

OTHER  
HIGHLIGHTS  
OF THE  
PROJECT

## OTHER HIGHLIGHTS OF THE PROJECT

(ALL COSTS AND AMOUNTS ARE IN RUPEES)

1. Furniture facility will be provided for the project period for 500 Nos of schools @ Rs.50,000/- Total.....2500000
2. Kits like operation Black Board scheme will be provided to 1000 Nos of Schools @ Rs.7500/-Total..... 7500000
3. Vehicle will be provided to the District Office of DEEO.Total.....500000
4. Travelling allowances will be provided for Resource personnels.Total.....1500000
5. Drinking facility will be provided to 1500 Nos.Schools and ECCE Centres @ Rs.4120/- per tubewell.Total.....6180000
6. Medical facility will be provided for the children @ Rs.165000 -per year.Total.....825000
7. Books will be provided to school libraries.Total.....2000000
8. (a) T.A.will be provided to District Core Group  
Total.....800000  
(b) Supervision cost.Total.....700000
9. Electrification expenditure.Total.....18600000
10. Play ground approach way & Social Forestry.  
Total.....4650000
11. Sanitation in schools @ Rs.14200/-for 325 Nos.schools.Total.....4615000
12. Monthly attendance Scholarship for 1 SC, 1 ST and 1 Girls students(Total 3 Nos).per class @ Rs.100 per month for the project period.Total.....11250000

SUMMARISED  
COMPONENTS  
OF THE  
PROJECT

CONSTRUCTION COMPONENT

1. Construction of ECCE Community Centre-----	8212500/-
2. Construction of Primary School Building-----	60233000/-
3. Construction of dilapidated building-----	3350000/-
4. Construction of additional Room-----	8653600/-
5. Resource Centre-----	5200000/-
6. Upgradation of DIET-----	3000000/-
7. Strengthening of D.E.E.O office -----	2800000/-
8. Construction of sanitary latrine-----	4615000/-
	-----
	Total = 96064100/-

PROJECT COMPONENT

1. Supplementary Nutrition-----	26130000 -
2. Training Cost-----	521600 -
3. Learning materials Cost-----	2499500 -
4. Guide Cost-----	75000 -
5. Furniture for Training Centre and Old B.T.C.-----	2200000 -
6. Equipment -do-----	1200000 -
7. Inservice Training Cost-----	8805000 -
8. Master Training Cost-----	486000 -
9. Mid-day meal programme-----	30750000 -
10. Uniform-----	42562500 -
11. Training Cost for NFE-----	432000 -
12. Cost for NFE Centre-----	10134360 -
13. Furniture for schools-----	25000000 -
14. Kits for schools-----	7500000 -
15. Vehicle -----	500000 -
16. Drinking facility-----	6180000 -
17. Medical facility-----	825000 -
18. Books-----	2000000 -
19. T.A. for Staff-----	800000 -
20. Supervision Cost-----	700000 -
21. Attendance Scholarship @ Rs.100 P.M.to 3 students per class-----	112500000 -
22. Cost for Baseline survey-----	200000 -
23. Development of Guide-----	100000 -
24. Equipment for DIET-----	200000 -
25. Training National Development-----	200000 -
26. Production and Distribution of Training materials-----	200000 -
27. Baseline Survey-----	200000 -
28. Electrification-----	18600000 -
29. Play ground, approach way, Social Forestry-----	4650000 -
TOTAL -----	303861385 -



MANAGEMENT COMPONENT  
-----

1.Maintenance Cost of ECCE-----	600000/-
2.Maintenance Cost of Primary School-----	10160000/-
3.Salary for ECCE-----	12882000/-
4.Salary for Primary school Teacher to be appointed-----	40500000/-
5.Maintenance Cost of Resource Centre and Old B.T.C.-----	3456000/-
6.Salary of NFE Instructors-----	453600/-
7.Human Resource Training-----	300000/-
 TOTAL -----	 68351600/-

(D)

ABSTRACT STATEMENT  
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1.Construction Component-----	96064100/-
2.Management Component-----	68351600/-
3.Project Component-----	303861385/-
 TOTAL -----	 468277085/-

STRATEGY  
OF THE  
PROJECT

## STRATEGY

### I. INFRASTRUCTURE :

(a) ECCE CENTRES : Numbers of ECCE centres will be constructed in those areas where there are no such facilities at present.

(b) PRIMARY SCHOOL BUILDINGS : 437 Nos of Primary Schools buildings having 6(Six)rooms each will be newly constructed. Forty such School buildings will be constructed in those areas where no primary schools are available . Emphasis will be given to S.C.,S.T. and char area. Renovation and extension of some primary school buildings will be carried out.

(c) APPOINTMENT OF ECCE FUNCTIONARIES AND PRIMARY SCHOOLS TEACHERS : 315 nos of ECCE workers and helpers each and 20 nos of ECCE supervisors will be appointed on contract basis under this Project by the District Core Group.

2000 nos of Primary School teachers will be appointed on contract basis under this Project by the District Core Group.

(d) HEALTH SERVICES : The requisite amount of vaccines and other medicines will be supplied by the family welfare bureau, Nagaon.

### II. ENROLMENT DRIVE :

Enrolment drive will be carried out to enroll all the children from 6 to 14 yrs and all the children from 0 to 6 age group will automatically transferred in to Primary School. We will have 166560 seats in the Primary level which will suffice for cent percent enrolment of children between 6-11 yrs age group.

### III. UNIVERSAL RETENTION :

Retention will be made by -----

(a) a substantial improvement in the quality of Education.

(i) by imparting training to the teachers,

(ii) by improving academic environment by,

IMPLEMENTATION  
OF THE  
PROJECT

(b) improving the school building, school campus, play ground and library facilities

(c) Prolific use of teaching aids.

(d) regular check up of students health like quiz, recitation, dramatisation puppetry etc.

(e) reforming examination system.

(f) timely disbursement of stipends.

(g) frequent inspection and supervision.

#### IV. N.F.E. :

With full emphasis on the retention of enrolled children, we will still have some drop-outs who will be covered by NFE centres numbering 350. On completion of their course, they will be transferred to upper primary school.

#### V. MOTIVATION :

Role of village Education Committee : They will motivate the parents of the school going children to complete their studies as well as motivate the non starters to take admission in NFE or in primary school.

## IMPLEMENTATION

### ECCE Centres :

(A) Four years pre-primary education course for the age group 3-6 Yrs. will be provided in the proposed centres. Materials will be developed in DIET with help of resource personnels.

(B) Construction and repairing work of the schools will be done in the line of 8th Finance Commission where responsibility of construction work will be vested to the School Managing Committees or District Core Group. This will help in motivating and involving the local people to the proposed scheme. Attempt will be there to complete the construction work within the stipulated period of time. Arrangement will be made to enroll all the pupils of the proposed age group and hold classes as soon as the project formally get started even if construction work in some cases remain incomplete.

(C) Induction level training will be provided to all the newly appointed teachers. Orientation and refresher course will be given to all the existing pre-primary and primary school teachers of the district.

(D) Care will be taken so that poor health does not lead the pupil to wastage, stagnation and dropouts. The District Health Department will be intensively involved in this regard. Short term health camp will be organised wherever necessary. Attempt will be made to motivate the children and guardians towards health education through the camps.

II. ENROLMENT DRIVE : All the children of age group 4-6 years and 6-11 years will be enrolled in preprimary schools respectively. About 20,800 seat in preprimary and 40,640 seats in primary schools in the base year will be sufficient to enroll the children of relevant age-group. The education functionaries of different levels will be engaged to carry out enrolment drive both for formal schools and nonformal centres. Special drive for enrolment will be made in the S.C., S.T. and other backward areas. Members of VECs, school committees etc will be engaged in the enrolment drive programme besides government functionaries.

### III. NFE.

The dropouts and the other group of children who have crossed the age to enrol in the base year of primary school and never admitted in to the primary school will be covered by NFE centres numbering 350.

On successful completion of NFE course they will be shifted to upper primary school of formal education. All the NFE instructors will be properly trained and special emphasis will be made with regard to enrolment attendance, retention and achievement of non formal school children through supervision and scientific education.

### IV. MOTIVATION :

An academic environment is very much essential to generate demand for primary education in the district. Besides government machinery, all the members of village education committees, school managing committees, voluntary organisations etc. will be engaged for the purpose. Every attempt will be made to motivate the parents, guardians and children school and to school groups so that the non starters get admitted and the school children attend school regularly .

### V. MONITORING :

For successful implementation of the project proper monitoring system will be devised to get feed back and take effective timely measures. The necessary educational functionaries will be engaged for the purpose.

### VI. EVALUATION :

Continuous and comprehensive evaluation will be made to get satisfactory achievement result and in this connection all necessary measures will be taken.

MONITORING



THE DISTRICT PRIMARY EDUCATION PLAN : MONITORING MODULE

For effective implemenation of the programme,monitoring of various developmental activities is essential.For the timely construction of the buildings a construction committee is to be formed comprising of the members mentioned below. The committee will review the progress report (Proforma attached herewith) submitted by the different channels.The report of physical aspect will be submitted by the District Elementary Education Officer,Morigaon and that of financial aspect will be submitted by the P.D.,D.R.D.A. Morigaon. The District Planning Cell will co-ordinate the Morigaon programme.The members of the construction committee are :-

1. The Deputy Commissioner,Morigaon ..... Chairman.
2. The Addl.Deputy Commissioner(Dev.)Morigaon....Vice Chairman.
3. The Project Director,D.R.D.A.Morigaon ..... Member.
4. The Project Director,I.T.D.P.Morigaon ..... Member.
5. Representative of Dist.Planning Cell.
6. The Dist.Ele.Edn.Officer,Morigaon,.....Member Secretary.

The Committee will review the monthly progress report and will make spot verification from time to time. The committee will also purchase the furniture of the schools under the programme.

ANNEXURES

MONITORING STATEMENT (I) (PHYSICAL)

Progress Report of District Primary Education Programme for the month of  
 NAME OF THE DISTRICT .....

No.	Name of the scheme / Projects.	Location	Unit	Target	Achievement.		date of starting	remarks
					during theMonth	upto the end of theMonth		
2		3	4	5	6	7	8	9

signature

MONITORING STATEMENT-(1) (FINANCIAL)

THEY PROGRESS REPORT OF DISTRICT PRIMARY EDUCATION PROGRAMME FOR THE MONTH  
 .....  
 IE OF THE DISTRICT.....

No.	Name of the scheme	allocation of fund in Rs.	total fund cost of the proj.	fund released	expenditure incurred		remarks
					during the month	upto the end of the month	
2		3	4	5	6	7	8

signature

ANNEXURE ONE

ANNEXURE ONE :- ALL THE COSTS AND AMOUNTS ARE IN RUPEES

EARLY CHILDHOOD CARE AND DEVELOPMENT

TABLE ONE : ADDITIONAL LEARNING CENTRES REQUIRED

BLOCK NAME	TOTAL NO. OF VILLAGES	NO. OF EXISTING LEARNING CENTRES	ADDITIONAL LEARNING CENTRES REQUIRED
MAYONG	312	149	30
BHURBANDHA	250	136	25
LAHARIGHT	239	--	235
KAPILI	36	42	10
URBAN	13	--	15
DIST. TOTAL	850	327	315

TABLE TWO : ADDITIONAL ANGANWADIES REQUIRED

BLOCK NAME	TOTAL NO. OF VILLAGES	NO. OF EXISTING CENTRES	ADDITIONAL LEARNING CENTRES REQUIRED
MAYONG	312	149	30
BHURBANDHA	250	136	25
LAHARIGHT	239	--	235
KAPILI	36	42	10
URBAN	13	--	15
DIST. TOTAL	850	327	315

TABLE FIVE : CONSTRUCTION COST

BLOCK NAME	NO. OF COMMUNITY CENTRES TO BE ADDITIONALLY CONSTRUCTED	COST PER CENTRE	TOTAL AMOUNT
MAYONG	10	65,700	6,57,000
BHUREANDHA	10	..	6,57,000
LHRIGHAT	105	..	68,98,500
KAPILI	--	..	--
URBAN	--	..	--
DIST. TOTAL	125	65,700	82,12,500

TABLE SIX : OPERATION AND MAINTENANCE COST (FOR 4 YEARS)

BLOCK NAME	NO. OF COMMUNITY CENTRES FOR MAINTENANCE	COST PER CENTRE	TOTAL AMOUNT
MAYONG	25	500	50000
BHUREANDHA	20	..	40000
LAHARIGHAT	235	..	470000
KAPILI	10	..	20000
URBAN	10	..	20000
DIST. TOTAL	300	500	6,00,000

TABLE SEVEN: SALARY COST (ANGANWADI WORKERS)

BLOCK NAME	NO. OF ANG. WADI WORKERS	SALARY PER MONTH	ANNUAL SALARY	TOTAL AMOUNT
MAYONG	20	500	344000	720000
BHUREANDHA	25	..	110000	600000
LHRRIGHAT	235	..	1,600,000	7540000
KAPILI	10	..	40000	240000
URBAN	10	..	72000	260000
DIST. TOTAL	300	..	2,156,000	75,00,000

TABLE THREE : PREGNANT WOMEN AND LACTATING MOTHERS

BLOCK NAME	NO.OF PREGNANT WOMEN	NO.OF LACTATING MOTHERS	TOTAL
MAYONG	1153	1373	2526
BHURBANDHA	1317	1306	2623
LAHARIGHAT	1731	1697	3428
KAPILI	433	319	752
URBAN	367	289	656
DIST. TOTAL	5001	4984	9985

TABLE FOUR : AGE GROUP CHILDREN

BLOCK NAME	NO.OF CHILDREN 0-3 AGE GROUP	NO.OF CHILDREN 3-5 AGE GROUP
MAYONG	7984	6413
BHURBANDHA	11128	11114
LAHARIGHAT	13036	12603
KAPILI	2561	2709
URBAN	4120	2110
DIST. TOTAL	38829	34949

TABLE ELEVEN: COST ON SUPPLEMENTARY NUTRITION

BLOCK NAME	COST PER CHILD PER YEAR	NO. OF CHILDREN					TOTAL COST
		YR-1	YR-2	YR-3	YR-4	YR-5	
MAYONG	300	2040	2040	2040	2040	2040	3060000
BHURBANDHA	..	1700	1700	1700	1700	1700	2550000
LAHARIGHT	..	11980	11980	11980	11980	11980	17970000
KAFILI	..	680	680	680	680	680	1020000
URBAN	..	1020	1020	1020	1020	1020	1530000
DIST. TOTAL	300	17420	17420	17420	17420	17420	26130000

TABLE TWELVE: TRAINING COST

BLOCK NAME	NO. OF WORKERS TO BE TRAINED	PER WORKER TRAINING COST	TOTAL AMOUNT
MAYONG	30	1656	49680
BHURBANDHA	25	..	41400
LAHARIGHT	235	..	389160
KAFILI	10	..	16560
URBAN	15	..	24840
DIST. TOTAL	315	1656	521640



TABLE EIGHT: SALARY COST (ANGANWADI HELPERS)

BLOCK NAME	NO. OF ANG. WADI HELPER	SALARY PER MONTH	ANNUAL SALARY	TOTAL AMOUNT
MAYONG	30	200	7,2000	360000
BHURBANDHA	25	,,	6,0000	300000
LAHARIGHAT	235	,,	5,64,000	2820000
KAPILI	10	,,	24,000	120000
URBAN	15	,,	36,000	180000
DIST. TOTAL	315	200	7,56,000	3780000

TABLE NINE: SALARY COST (ANGANWADI SUPERVISORS)

BLOCK NAME	NO. OF A.W. SUPERVISOR	SALARY PER MONTH	ANNUAL SALARY	TOTAL AMOUNT
MAYONG	3	1285	46,260	231300
BHURBANDHA	2	,,	30,840	154200
LAHARIGHAT	13	,,	2,00,460	1002300
KAPILI	1	,,	15,420	77100
URBAN	1	,,	15,420	7710
DIST. TOTAL	20	1285	3,08,400	1542000

TABLE TEN: SALARY COST SUMMARY TABLE (FOR THE DISTRICT)

CATEGORIES OF PERSONNEL	YEAR-1	YEAR-2	YEAR-3	YEAR-4	YEAR-5	TOTAL
A.W. WORKERS	1512000	1512000	1512000	1512000	1512000	7560000
A.W. HELPERS	756000	756000	756000	756000	756000	3780000
A.W. SUPERVISORS	308400	308400	308400	308400	308400	1542000
DISTRICT TOTAL						12882000

ANNEXURE TWO

TABLE THIRTEEN : LEARNING MATERIALS COST

BLOCK NAME	NO. OF CENTRES	COST PER CENTRE	TOTAL AMOUNT
MAYONG	30	7935	238050
BHURBANDHA	25	do	198375
LAHARIGHAT	235	do	1864725
KAPILI	10	do	79350
URBAN	15	do	119025
DIST.TOTAL	315	7935	2499525

TABLE FOURTEEN : ANGANWADI WORKER GUIDE COST

BLOCK NAME	NO. OF WORKERS	COST PER GUIDE	TOTAL AMOUNT
MAYONG	30	200	6000
BHURBANDHA	25	do	5000
LAHARIGHAT	235	do	47000
KAPILI	10	do	2000
URBAN	15	do	3000
DIST.TOTAL	375 *	do	75000

NOTE : \* INCLUDES 60 EXTRA COPIES AS RESERVE.

TABLE FIFTEEN

- a) Cost of Baseline Survey .....Rs.2,00,000
- b) Cost of Development of Guide .....Rs.1,00,000

BLE THREE : ENROLMENT IN THE PAST YEAR

BLOCK NAME AND GRADE		BOYS	GIRLS	SC		ST		TOTAL
				BOYS	GIRLS	BOYS	GIRLS	
MAYONG	1	9660	6340	3629	3142	2083	1969	26923
MAYONG	2	5221	3629	984	748	677	803	12062
MAYONG	3	4756	3777	1993	1503	814	784	13627
MAYONG	4	2107	1846	943	752	663	723	7034
MAYONG	5	3107	2853	842	951	540	565	8858
BHURBANDHA	1	2348	2223	690	608	208	1990	8067
BHURBANDHA	2	1076	984	268	253	932	737	4250
BHURBANDHA	3	814	748	216	191	717	668	3354
BHURBANDHA	4	803	677	205	416	522	396	3019
BHURBANDHA	5	1618	691	234	178	410	368	2899
LAHARIGHAT	1	10126	6096	1503	470	342	120	18957
LAHARIGHAT	2	6287	3685	572	260	205	72	11294
LAHARIGHAT	3	4364	2945	572	75	95	28	8079
LAHARIGHAT	4	3285	1743	258	63	52	22	5623
LAHARIGHAT	5	5905	3377	704	230	171	65	10452
KAPILI	1	1007	206	85	86	415	311	2711
KAPILI	2	712	612	72	82	219	176	1867
KAPILI	3	406	372	63	73	106	101	1121
KAPILI	4	342	215	29	25	102	106	819
KAPILI	5	517	418	107	119	127	98	1380
URBAN	1	860	660	315	230	460	360	2885
URBAN	2	640	510	225	145	271	190	1981
URBAN	3	460	400	130	120	190	125	1425
URBAN	4	410	300	115	75	135	114	1209
URBAN	5	314	241	105	83	143	82	968
DIST. TOTAL								100764

## ANNEXURE TWO : ALL COSTS AND AMOUNTS ARE IN RUPEES

## DETAILS FOR PRIMARY SCHOOLS

TABLE ONE : 6-11 AGE GROUP CHILDREN IN THE BASE YEAR 1993

BLOCK NAME	BOYS	GIRLS	SC		ST		TOTAL
			BOYS	GIRLS	BOYS	GIRLS	
MAYONG	21307	19431	7509	4124	6724	5635	64730
BHURBANDHA	10072	9264	3038	2951	8904	7762	41991
LAHARIGHAT	29663	18200	3792	6187	876	307	59025
KAPILI	2467	2005	219	236	890	694	6511
URBAN	2450	2020	430	315	595	525	6335
DIST. TOTAL	65959	50920	14988	13813	17989	14923	178592

TABLE TWO : 6-11 AGE GROUP CHILDREN IN THE TARGET YEAR

BLOCK NAME	BOYS	GIRLS	SC		ST		TOTAL
			BOYS	GIRLS	BOYS	GIRLS	
MAYONG	25135	15545	3690	7571	9080	7650	68671
BHURBANDHA	10072	9264	3038	2951	8904	7782	42011
LAHARIGHAT	32350	19600	4054	1105	902	352	58363
KAPILI	12335	10025	1095	1180	4450	3473	32558
URBAN	13400	11550	2960	2272	3385	3190	36757
DIST. TOTAL	93292	65984	14837	15079	26721	22447	238360

TABLE SEVEN: STATUS OF PRIMARY SCHOOL BUILDING (EXISTING)

BLOCK NAME	NO BUILDING	DILAPIDATED BUILDING	REQUIRING MAJOR REPAIR
MAYONG	324	17	03
BHURBANDEA	244	03	01
LAHARIGHAT	309	42	17
KAPILI	38	03	02
URBAN	11	02	-
DIST.TOTAL	926	67	23

TABLE EIGHT: NO. OF INSTRUCTIONAL ROOMS IN SCHOOL

BLOCK NAME	NO ROOM	ONE ROOM	TWO ROOMS	THREE ROOMS	FOUR ROOM	FIVE ROOMS & ABV	TOTAL
MAYONG	-	-	61	139	47	17	264
BHURBANDEA	-	-	45	82	50	5	182
LAHARIGHAT	-	-	37	125	115	11	288
KAPILI	-	-	10	5	12	4	31
URBAN	-	-	3	2	4	2	11
DIST.TOTAL	-	-	156	353	228	39	776

TABLE NINE: NO. OF TEACHERS IN THE SCHOOLS

BLOCK NAME	ONE TEACHER	TWO TEACHER	THREE TEACHER	FOUR TEACHER	FIVE & ABOVE
MAYONG	90	11	91	42	-
BHURBANDHA	17	43	34	18	31
LAHARIGHAT	90	202	36	14	16
KAPILI	2	11	27	2	-
URBAN	2	10	2	-	16
DIST.TOTAL	201	277	191	76	63

TABLE FOUR : AGE SPECIFIC ENROLLMENT IN THE BASE YEAR

BLOCK NAME	BOY 6yrs	GIRL 6yrs	BOY 7yrs	GIRL 7yrs	BOY 8yrs	GIRL 8yrs	BOY 9yrs	GIRL 9yrs	BOY 10yr	GIRL 10yr	TOTAL
MAYONG	10660	8340	8241	6933	4650	3970	4127	385	3107	2853	53266
BHURBANDHA	2619	2509	4391	3053	1926	1635	1652	1175	1668	120	20748
LAHARIGHAT	10126	6096	6287	3685	4384	2945	3285	1943	5805	3377	47933
KAPILI	946	843	832	705	635	512	500	485	500	308	6266
URBAN	860	660	640	510	460	400	410	360	330	225	4855
DIST. TOTAL	25211	18448	20391	14886	12055	9462	9974	4348	11410	6883	133068

TABLE FIVE : DROPOUTS AT THE PRIMARY LEVEL

BLOCK NAME	BOY GR-1	GIRL GR-1	BOY GR-2	GIRL GR-2	BOY GR-3	GIRL GR-3	BOY GR-4	GIRL GR-4	BOY GR-5	GIRL GR-5	TOTAL
MAYONG	2829	2104	2013	1055	295	727	883	621	1253	587	12367
BHURBANDHA	2496	2312	381	233	201	205	79	49	73	56	6085
LAHARIGHAT	3839	2411	2473	1102	1079	861	920	693	1360	613	15351
KAPILI	93	91	80	65	55	48	20	35	43	28	568
URBAN	160	170	95	114	75	41	74	89	35	32	885
DIST. TOTAL	9417	7088	5042	2569	1705	1882	1986	1487	2764	1316	35256

TABLE SIX : NO. OF HABITATION WITHOUT PRIMARY SCHOOL

BLOCK NAME	POPULATION SIZE		
	100-200	200-300	300 & ABOVE
MAYONG	33	29	17
BHURBANDHA	18	43	02
LAHARIGHAT	55	20	05
KAPILI	02	07	02
URBAN	04	02	-
DIST. TOTAL	112	101	27

TABLE THIRTEEN : COST ON ADDITIONAL ROOMS

BLOCK NAME	SCHOOL REQUIRING		TOTAL NOS. OF ROOMS	COST PER ROOM	TOTAL AMOUNT
	1 ROOM	2 ROOM			
MAYONG	34	62	158	23200	3665600
BHURBANDHA	31	14	59	,,	1368800
LAHARIGHAT	42	52	146	,,	3387200
KAPILI	2	2	6	,,	139200
URBAN	2	1	4	,,	92800
DIST. TOTAL	111	131	373	23200	8653600

TABLE FIFTEEN : MAINTENANCE COST OF PRIMARY SCHOOL BUILDINGS

BLOCK NAME	NO OF BLDGS TO BE MAINTAINED				TOTAL NO. OF BLDGS.	COST PER BLDG	TOTAL AMOUNT
	2nd year	3rd year	4th year	5th year			
MAYONG	344	344	344	344	1376	2500	3440000
BHURBANDHA	246	246	246	246	984	,,	2460000
LAHARIGHAT	368	368	368	368	1472	,,	3680000
KAPILI	45	45	45	45	180	,,	450000
URBAN	13	13	13	13	52	,,	130000
DIST. TOTAL	1016	1016	1016	1016	4064	2500	10160000



TABLE TEN: NO. OF TRAINED TEACHERS

BLOCK NAME	MALE		FEMALE		TOTAL	
	TRAINED	UNTRAINED	TRAINED	UNTRAINED	TRAINED	UNTRAINED
MAYONG	370	24	78	42	448	66
BHURBANDHA	303	104	87	39	390	143
LAHARIGHAT	370	106	89	49	459	155
KAPILI	95	34	26	9	121	43
URBAN	29	32	45	15	74	47
DIST. TOTAL	1167	300	325	154	1492	454

TABLE ELEVEN : COST OF SCHOOL BUILDING

BLOCK NAME	BLDG. FOR NEW SCHL	BLDG FOR EXTG SCHL	TOTAL SCHL BLDG	COST PER BUILDING	TOTAL AMOUNT
MAYONG	15	103	118	194300	22927400
BHURBANDHA	10	59	69	,,	13406700
LAHARIGHAT	10	96	106	,,	20595800
KAPILI	03	09	12	,,	2331600
URBAN	02	03	05	,,	971500
DIST. TOTAL	40	270	310	194300	60233000

TABLE TWELVE: COST ON DILAPITATED BUILDING

BLOCK NAME	NO. OF BUILDING	COST PER BUILDING	TOTAL AMOUNT
MAYONG	17	50000	850000
BHURBANDHA	03	,,	150000
LAHARIGHAT	42	,,	2100000
KAPILI	03	,,	150000
URBAN	02	,,	100000
DIST. TOTAL	67	50000	2250000

TABLE SIXTEEN : TEACHERS SALARY

BLOCK NAME	NO OF TEACHERS APPOINTED DURING THE PROJECT PERIOD					SALARY PER MONTH	TOTAL AMOUNT
	1st year	2nd year	3rd year	4th year	5th year		
MAYONG	104	104	104	104	104	750	
BHURBANDHA	84	84	84	84	84	..	
LAHARIGHAT	84	84	84	84	84	..	
KAPILI	18	18	18	18	18	..	
URBAN	10	10	10	10	10	..	
DIST. TOTAL	300	300	300	300	300	750	40500000

TABLE SEVENTEEN : TEACHER TRAINING CENTRE

BLOCK NAME	CONSTRUCT COST	FURNITURE COST	EQUIPMENT COST	TOTAL COST
MAYONG	2000000	1000000	500000	3500000
BHURBANDHA	-	-	-	-
LAHARIGHAT	2000000	1000000	500000	3500000
KAPILI	-	-	-	-
URBAN	1200000	200000	200000	1600000
DIST. TOTAL	3200000	2200000	1200000	6600000

TABLE EIGHTEEN : OPERATION AND MAINTENANCE COST

BLOCK NAME	YEAR TWO	YEAR THREE	YEAR FOUR	YEAR FIVE	TOTAL
MAYONG	216000	216000	216000	216000	864000
URBAN	432000	432000	432000	432000	1728000
LAHARIGHAT	216000	216000	216000	216000	864000
KAPILI	-	-	-	-	-
BHURBANDHA	-	-	-	-	-
DIST. TOTAL	864000	864000	864000	864000	3456000

TABLE TWENTY : COST OF INSERVICE TEACHER TRAINING

BLOCK NAME	CLASS OF TRAINEE	NO. OF TRAINEE	DURATION	AVERAGE COST PER TRAINEE	TOTAL COST
MAYONG	VEC	550	21DAYS	1500	825000
MAYONG	NGO	25	21DAYS	..	37500
MAYONG	UPE	81	15DAYS	..	121500
MAYONG	Existing	525	21DAYS	..	787500
MAYONG	NEW	435	56DAYS	..	652500
BHURBANDHA	VEC	650	21DAYS	..	975000
BHURBANDHA	NGO	30	21DAYS	..	45000
BHURBANDHA	UPE	96	15DAYS	..	144000
BHURBANDHA	EXISTING	650	21DAYS	..	975000
BHURBANDHA	NEW	415	56DAYS	..	622500
LAHARIGHAT	VEC	650	21DAYS	..	975000
LAHARIGHAT	NGO	30	21DAYS	..	45000
LAHARIGHAT	UPE	69	15DAYS	..	103500
LAHARIGHAT	EXISTING	630	15DAYS	..	945000
LAHARIGHAT	NEW	570	56DAYS	..	855000
KAPILI	VEC	100	21DAYS	..	150000
KAPILI	NGO	10	21DAYS	..	15000
KAPILI	UPE	18	15DAYS	..	27000
KAPILI	EXISTING	135	21DAYS	..	202500
KAPILI	NEW	56	56DAYS	..	84000
URBAN	VEC	50	21DAYS	..	75000
URBAN	NGO	5	21DAYS	..	7500
URBAN	UPE	6	15DAYS	..	9000
URBAN	EXISTING	90	21DAYS	..	90000
URBAN	NEW	24	56DAYS	..	36000
DIST. TOTAL	-	5870	-	1500	8805000

TABLE TWENTYFOUR : LUMPSUM AMOUNT AT THE DISTRICT LEVEL

1. UPGRADATION OF DIET	
a) Infrastructure.....	30,00,000/-
b) Human Resource.....	3,00,000/-
c) Equipments.....	2,00,000/-
2. NATIONAL DEVELOPMENT PROGRAMME	2,00,000/-
3. PRODUCTION AND DISTRIBUTION OF TRAINING MATERIALS.	2,00,000/-
4. STRENGTHENING OF THE D.E.E.O.OFFICE	28.00,000/-
5. BASE LINE SURVEY	2,00,000/-
	-----
TOTAL-	69,00,000/-

TABLE NINETEEN : MASTER TRAINING COST

CATEGORY	NUMBER	DURATION	COST PER TRAINEE	TOTAL COST
INITIAL MASTER TRAINING	90	75DAYS	4566	411000
FOLLOW UP MASTER TRAINING	90	10DAYS	833	75000
TOTAL	180			486000

TABLE TWENTYONE : COST OF MID-DAY MEALS PROGRAMME

BLOCK NAME	CHILDREN TO BE COVERED					ANNUAL COST	TOTAL COST
	1st year	2nd year	3rd year	4th year	5th year		
MAYONG	9000	9000	9000	9000	9000	2700000	13500000
BHURBANDHA	6000	6000	6000	6000	6000	1800000	9000000
LAHARIGHAT	3000	3000	3000	3000	3000	900000	4500000
KAPILI	1900	1900	1900	1900	1900	570000	2850000
URBAN	600	600	600	600	600	180000	900000
DIST. TOTAL	20500	20500	20500	20500	20500	6150000	30750000

TABLE TWENTYTWO : COST ON UNIFORM SUPPLY

BLOCK NAME	TOTAL NO. OF GIRLS	SC BOYS	ST BOYS	TOTAL STUDENT	COST PER STUDENT	TOTAL AMOUNT
MAYONG	9386	8509	6714	24609	150	18456750
BHURBANDHA	6845	3038	8904	18787	..	14090250
LAHARIGHAT	3972	3792	876	8640	..	6480000
KAPILI	1946	219	890	3055	..	2291250
URBAN	634	420	503	1657	..	1244250
DIST. TOTAL	22783	15988	17979	56750	150	42562500

ANNEXURE THREE

## ANNEXURE THREE : ALL COSTS AND AMOUNTS ARE IN RUPEES

## NON FORMAL EDUCATION

TABLE ONE : NO. OF NFE CENTRES AND ENROLLMENT IN THE BASE YEAR

BLOCK NAME	NO. OF CENTRES	ENROLLMENT BOYS	TOTAL GIRLS	NO. OF INSTRCT.
MAYONG				
BHURBANDHA	NO.	EXISTING	CENTRES	
LAHARIGHAT		IN	THE	DISTRICT
KAPILI				
URBAN				
DIST. TOTAL				

TABLE TWO : NON STARTERS AND DROPOUTS CHILDREN IN THE AGE GROUP 9-14

BLOCK NAME	NON ENROLLED		DROF OUTS		TOTAL OUT OF SCHOOLS
	BOYS	GIRLS	BOYS	GIRLS	
MAYONG	6072	5504	2030	2194	15900
BHURBANDHA	3460	6310	1460	3810	15040
LAHARIGHAT	2889	2808	1290	1110	8097
KAPILI	DATA NOT AVAILABLE				
URBAN	DATA NOT AVAILABLE				
DIST. TOTAL	12421	14722	4780	7114	39037

TABLE THREE : NEW NFE CENTRES TO BE OPENED

BLOCK NAME	NO. OF HABITATION WHERE PRIMARY SCHOOLS CANNOT BE OPENED	NO. OF NFE CENTRES TO BE OPENED IN THE SERVED AREA	TOTAL NFE CENTRES TO BE OPENED
MAYONG	60	60	120
BHURBANDHA	70	50	120
LAHARIGHAT	50	70	120
KAPILI	---	---	---
URBAN	---	---	---
DIST. TOTAL	180	180	360

TABLE FOUR : SALARY COST

BLOCK NAME	NO. OF NFE INSTRUCTORS	SALARY PER MONTH	TOTAL ANNUAL AMOUNT	TOTAL AMOUNT
MAYONG	120	105	151200	756000
BHURBANDHA	120	105	151200	756000
LAHARIGHAT	120	105	151200	756000
KAPILI	--	--	--	--
URBAN	--	--	--	--
DIST. TOTAL	360	105	453600	2268000

TABLE FIVE : TRAINING COST

BLOCK NAME	NO. OF INSTRUCTORS	DURATION OF TRAINING	COST PER TRAINEE	TOTAL AMOUNT
MAYONG	120	30 DAYS	1200	144000
BHURBANDHA	120	30 DAYS	1200	..
LAHARIGHAT	120	30 DAYS	1200	..
KAPILI	-	-	-	-
URBAN	-	-	-	-
DIST. TOTAL	360	30 DAYS	1200	432000

TABLE SIX : COST OF NFE CENTRES

BLOCK NAME	FACILITY AND EQUIPMENT	KITS FOR INSTRUCTORS	STUDENT MATERIALS		
	UNIT COST & NO. OF CENTRES	UNIT COST & NO. OF CENTRES	UNIT COST AND NO. OF STUDENTS	PER INSTRUC. COST	TOTAL AMOUNT
MAYONG	50 X 120	30 X 120	200 X 120	150 X 120	6270
BHURBANDHA	50 X 120	30 X 120	200 X 120	150 X 120	6270
LAHARIGHAT	50 X 120	30 X 120	200 X 120	150 X 120	6270
KAPILI	--	--	--	--	--
URBAN	--	--	--	--	--

COST FOR INSTRUCTOR'S GUIDE ..... Rs 667 X 18 X 20 = 134072  
 DISTRICT TOTAL COST ..... Rs 10124260



**ANNEXURE FOUR**

CONSTRUCTION OF BORN TYPE LIFE BUILDING  
 SCHEDULE OF RATES FOR BUILDINGS FOR 1990-91 OF P.M.

PLAN. PLINTH AREA = 180.54 m<sup>2</sup> ESTT. AMOUNT RS.1,94,300/8

Earth work excavation for foundation trenches of wall roofing

1st step with ordinary soil

- wall = 3x24x30x30 = 6.70 C.M.
- at wall = 5x15x30x30 = 2.02 "
- external wall = 1x15x30x30 = 1.62 "
- 2nd step = 3x15x30x30 = 2.22 "
- for post = 3x2x45x15x30 = 4.54 "

Annexure II

Intel at post 2x15x0.60 = 15.10 C.M.  
 educt for post 3x2x0.30x0.30x0.30 = 0.86 C.M.  
 short wall = 14.24 C.M.

5x15x0.75 = 16.40/5 C.M. .... Rs. 213.00

1/4 (d) C.C. work in foundation in prop 1:5:10

for wall 3x24x30x0.30x0.75 = 1.67 C.M.

5x4x30x0.15x0.075 = 0.51 "  
 Add. 5x4x15x0.30x0.075 = 0.40 C.M.

for step = 2x15x0.60x0.075 = 0.16 C.M.

for post = 3x2x45x0.45x0.10 = 0.65 " 0.53 "

(f) Providing R.C.C. for post plate = 3.55 C.M. 1.28 C.M.

Rs. 610.00/ C.M. Prop. .... Rs. 2031.00

1/272 (b) supplying fitting and fixing in position of M.S. reinforcement

bar including cutting, bending, binding etc. complete as directed.

2mm dia M.S. rods 30x0.30 = 2.74 C.M.

for post 3x2x150 = 3.86 RM

Rs. 0.89 Kg./ RM ..... 490 Kg. = 4.90 QTL

10 mm dia M.S. rods Lintel and post C.M.

Lintel = 2x4x24x80 = 198.40 RM

3x24x50 = 90.0 RM

4x4x150 = 99.2 RM

2x4x450 = 36.0 RM

5x4x50 = 423.60 RM

Lintel at post plate level.

on of the short wall:

5x4x450 = 90 RM

2x4x450 = 49 RM

Jally = 32x6x0.37 = 71 RM

Rs. 755.00 ..... 6.62 Kg/ RM ..... 392 Kg = 3.92 QTL

418 still up

For post = 32x7x0'87 = 194'88 RM

27x17x0'75 = 344'25 "

5x12x0'60 = 36'0 "

Lintel::: 2x82x0'60 = 98'40 RM

5x15x0'60 = 45'0 "

4x20x0'60 = 78'0 "

2x15x0'60 = 18'0 "

Lintel at post plate upon the short wall.

5x15x0'60 = 45'0 RM

2x20x0'60 = 24'0 "

853'53 RM

@ 0'22 KG / RM ..... 187 Kg = 1'87 QTL

= 10'75 QTL

Add. 5% wastage ..... 0'53 "

11'28 QTL

@ Rs. 1040'00 / QTL ..... Rs. 1173'00

4/5(a) (1) Providing R.C.C. work in prop 1:2:4 ( Excluding shuttering).

For post plate

32x0'15x0'30x0'30 = 0'43 C.M.

32x0'95x0'30x0'30 = 2'74 "

Above plinth: @ 27x3'12x0'20x0'20 = 3'37 "

5x2'20x0'15x0'15 = 0'25 "

2x2'18x0'15x0'13 = 0'97 "

Lintel ::::: 1'58

Total = 9'54 C.M.

@ Rs. 1076'00 C.M. .... Rs. 10,265'00

5/17(c) Brick wall in cement mortar with 1st class brick upto plinth level with prop 1:5

Long wall : 3x24'80x0'25x0'675 = 12'55 C.M.

Short wall : 5x4'50x0'25x0'675 = 3'80 "

Ver. wall : 4x4'50x0'25x0'675 = 4'19 "

Step ::::: 3x1'50x0'60x0'10 = 0'27 "

3x1'80x0'30x0'130 = 0'49 "

21'30 C.M.

Deduct for post

32x0'25x0'25x0'675 = 1'35 C.M.

19'95 C.M.

@ Rs. 755'00 / C.M. .... Rs. 15,062'00

6/20(6) 112 mm thick 1st class Brick wall in cement mortar including raking out joints and curing contract as directed prop 1:5.

35%  
 1113  
 2024

( 3 )

2x24'80x3'12 = .149'76 M<sup>2</sup>  
 11x4'50x3'12 = 154'44 "  
 Gable 2x1/2x4'50x0'90= 4'05 "  
 -----  
 = 308'25 M<sup>2</sup>

Deduction for opening :

Door = 8x2'00x1'10 == 17'60 M<sup>2</sup>  
 Window = 17x1'20x1'10 = 22'44 "  
 -----  
 = 268'21 M<sup>2</sup>

@ Rs. 83'00/M<sup>2</sup> ----- Rs. 22,261'00

NO. 7/175(b): Providing dressed wood work in Chowkat with 1st Class local wood including all fitting.

Door = 8x2x2'00x0'075x0'10 = 0'24 CM  
 = 8x1x1'10x0'075x0'10 = 0'06 "  
 Window = 17x2x1'20x0'075x0'10= 0'31 "  
 = 17x2x1'10x0'075x0'10= 0'28 "  
 -----  
 = 0'89 CM

@ Rs. 5,717'00/CM ----- Rs. 5,088'00

NO. 8/174(b): Providing dressed wood work in post-Plates etc. with 1st Class local wood including all fittings.

Verandah = 2x24'80x0'075x0'10 = 0'37 Cum  
 = 1x24'80x0'075x0'10 = 0'19 "  
 -----  
 = 0'56 Cum

@ Rs. 3872'00/Cum ----- Rs. 2,168'00

NO. 9/276 : Providing fittings, hoisting and fixing of roof trusses including parlin fabricated out of MS blacktube confirming to it 1164-1968 as per approved disign and drawings including providing MS 1 cleats base plate belts, nuts and coat of red Oxide Zinchromate primer and two Coats as approved enamel paints.

I) :::::::::::::: 48'30 mm (OD)  
 Purlin = 2x3x16'70 = 100'2 RM  
 = 2x2x3x6'0 = 72'0 "  
 = 2x2x5'4 = 21'6 "  
 Verandah = 2x15'8 = 31'6 "  
 = 2x12x3'00 = 72'0 "  
 Rafter = 2x2x4'1 = 16'4 "  
 = 2x2x4'1 = 16'4 "  
 Verandah = 1x5x2'50 = 12'5 "  
 Tie beam = 1x12x4'50 = 54'0 "  
 Verandzh = 1x5x2'25 = 11'25 "  
 King Post = 1x12x1'20 = 14'4 "  
 Verandah = 1x5x0'60 = 3'0 "  
 -----  
 = 425'35 RM



NO. 14/47

Providing CC flooring with brick flat soiling.

4x5'95x4'25	=	101'15	M <sup>2</sup>
2x4'25x4'25	=	40'50	"
1x15'55x1'55	=	24'10	"
<hr/>			
	=	165'75	M <sup>2</sup>

@ Rs. 73'00/M<sup>2</sup> ----- Rs. 18,100'

NO. 15/42(a): Providing from work of ordinary primer planking so as to give a rough finish including centering.

Shuttering :::::

Area = 37'40 M<sup>2</sup>

@ Rs. 37'80/M<sup>2</sup> ----- Rs. 1,414'00

NO. 16/123(b): Plastering on both side of the wall with prop 1:4

2x268'21 = 536'42 M<sup>2</sup>

@ Rs. 18'70/M<sup>2</sup> ----- Rs. 10,031'

NO. 17: Providing Precast RCC made clearstory window as per design.

Total = 17 nos (Rate quoted as per local Market rates

@ Rs. 35'00/No. ----- Rs. 595'00

NO. 18/205(a): White washing with lime on wall surkess (two coat) to give on own sale including thoroughly, eroding the surface to removal dirt, dust, mortar drops and other foreign matter.

Total Parker Area = 536'42 M<sup>2</sup> (From item 16)

@ Rs. 2'67/M<sup>2</sup>. ----- Rs. 1,432'00

NO. 19/151 : Providing Qtl Spit bamboo ceiling 15mm cement plastered in prop 1:10 on top .

Total Area = 4x6'20x4'50+ 2x4'50x4'50/M<sup>2</sup>=152'10M<sup>2</sup>

@ Rs. 54'60/M<sup>2</sup> ----- Rs. 8,305'00

NO. 20 Miscellaneous:

I) Cost of sign board L/S ----- Rs. 500'00

Rs. 1,85,043'00

II) Add. 5% Contingency ----- Rs. 9,234'00

TOTAL Rs. 1,94,277'00

Say Rs. 1,94,300'00

(Rupees One Lakh Ninety four thousand three hundred) only

ASST. PROJECT OFFICER (TECH  
DRDA : MORIGAON : ASSAM

ANNEXURE FIVE

Name of work:- Construction of Anyanabadi Centre.

Estimated amount :- 65,700/-

### REPORT.

This estimate has been prepared in the technical branch of District Rural Development Agency (Morigaon) showing the probable cost of construction of Anyanabadi Centre.

An estimate amounting to Rs. 65,700.00 (Rupees Sixty five thousand Seven hundred) only, has been prepared to show the probable cost of construction of Anyanabadi Centre, which shall be constructed to meet the local demand of population belonging to the families below poverty line.

The estimate provides only for construction of Anyanabadi Centre and therefore no land development or land acquisition cost have been taken into account. It is prepared to construct the Anyanabadi Centre in rural areas where such land available free of cost.

plinth area of the building shall be  $(10.60m \times 4.50m) = 47.70 \text{ sqm.}$

Lay out plan has been shown in the enclosed drawing, the brief specification of the different items of work follows:

1. Foundation:- 250 mm thick 1st class brick work foundation and plinth prop 1:5 with cement mortar and c.c. foundation 0.075m thick in proportion
2. POST:- The Post will be 25cm x 25cm R.e.e. post in prop 1:2:4 with 4 nos 12mm dia main bar a 6mm dia stirrups at 15 angle (M.S. Rod shall 1:2 220 plain)



3. Walling:- 112 mm thick 1st class brick nogged wall in Cement mortar 1:5 with lintel 13cm x 15cm, 4-10mm dia. M.S. rod (I.C. 226) prop 1:2:4 with 6mm dia stirrup as per design.

4. Doors & windows:- 40mm thick 1st class local wood, 1/3 paneled and 2/3 glazed doors & windows.

5. Height of Plinth:- 450mm from ground level of firm soil.

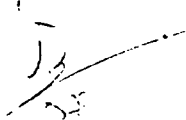
6. Height of building:- 3.50m from Plinth upto top of post plate level.

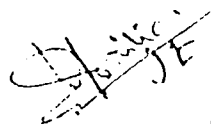
7. Roofing:- 0.50mm G.C.I. sheet of standard quality roofing over wooden truss.

8. Flooring:- Providing c.c. flooring with 1st class brick flat poling.

9. Plastering:- 10mm thick plastering on both side of the wall.

All works are to be executed as per Assam P.W.D. general specification and as per nominal building code I.S. 456 dte. The rates adopted as per Assam P.W.D. general specification current in the state and the Schedule of rate for building (civil work) for 1990-91 of P.W.D. Assam.





Junior Engineer.  
B. D. D.

Estimate for Const<sup>n</sup> of Angankadi Centre.

1. Details of Item of work, Quantity of work.

1/1(a): Earth work in excavation for foundation trenches of wall, roofing of Column, step with ordinary soil.

Long wall:  $2 \times 10.60 \times 0.30 \times 0.60 = 3.82 \text{ Cum}$

Short wall:  $2 \times 4.50 \times 0.30 \times 0.60 = 1.62 \text{ "}$

Step:  $2 \times 2.10 \times 0.65 \times 0.30 = 0.84 \text{ "}$

Post:  $12 \times 0.45 \times 0.45 \times 0.60 = 1.46 \text{ "}$

$= 7.74 \text{ Cum}$

Deduct for post:

$12 \times 0.30 \times 0.30 \times 0.60 = 0.65 \text{ "}$

$= 6.98 \text{ cum}$

@ Rs 16.40/cum . . . . . Rs 114.00

2/4(d): C.C. work in foundation in prop. 1:5:10.

$2 \times 10.60 \times 0.30 \times 0.075 = 0.48 \text{ Cum}$

$2 \times 4.50 \times 0.30 \times 0.075 = 0.20 \text{ "}$

Step:  $2 \times 2.10 \times 0.65 \times 0.075 = 0.20 \text{ "}$

Post:  $12 \times 0.45 \times 0.45 \times 0.075 = 0.18 \text{ "}$

$= 1.06 \text{ cum}$

Deduct for post:

$12 \times 0.30 \times 0.30 \times 0.075 = 0.08 \text{ "}$

$= 0.98 \text{ Cum}$

@ Rs. 610.00/Cum . . . . . Rs. 598.00

3. Supplying, fitting and fixing in position of M.S. reinforcement bar including cutting, bending binding completed as directed.

12mm dia M.S. Reel.

For post:  $12 \times 4 \times 4.55 = 218.40 \text{ RM}$

@ 0.89kg/RM . . . . . 194 kg = 1.94 Q11.

10mm dia M.S. Reel.

For Lintel:  $2 \times 4 \times 10.60 = 84.80 \text{ RM}$

$2 \times 4 \times 4.50 = 36.00 \text{ "}$

Lintel on both end

of the short wall.  $2 \times 4 \times 4.50 = 36.00 \text{ "}$

Jally:  $12 \times 6 \times 0.37 = 26.64 \text{ "}$

$= 183.44 \text{ RM}$

Estimate MS for Stirrup

$$12 \times 7 \times 0.57 = 73.08 \text{ RM}$$

$$12 \times 17 \times 0.75 = 153.00 \text{ "}$$

$$\text{Lintel: } 2 \times 26 \times 0.60 = 31.20 \text{ "}$$

$$2 \times 15 \times 0.60 = 18.00 \text{ "}$$

---

$$= 275.28 \text{ "}$$

$$\text{@ } 0.22 \text{ kg/RM} \text{ - - - - - } 60.53 \text{ kg} = 0.61 \text{ Qtl.}$$

---

$$\text{Total} = 3.69 \text{ Qtl.}$$

$$\text{@ Rs } 1500/\text{Qtl.} \text{ - - - - - } \text{Rs. } 5520.00$$

4/5(a)(1): Providing R.C.C. work in Prop. 1:2:4.  
(Excluding shuttering).

For post up to plate

$$12 \times 0.975 \times 0.25 \times 0.25 = 0.73 \text{ cum.}$$

$$12 \times 3.50 \times 0.20 \times 0.20 = 1.680 \text{ "}$$

$$\text{Lintel: } 2 \times 10.60 \times 0.13 \times 0.15 = 0.413 \text{ "}$$

$$4 \times 4.50 \times 0.13 \times 0.15 = 0.351 \text{ "}$$

---

$$= 3.174 \text{ Cum.}$$

$$\text{@ Rs } 1076 \text{ /cum} \text{ - - - - - } \text{Rs. } 3415.00$$

5/17(c): Brick wall in Cement mortar with 1st class  
brick work up to plinth level with prop 1:5

$$2 \times 10.60 \times 0.25 \times 0.975 = 5.16 \text{ Cum.}$$

$$2 \times 4.50 \times 0.25 \times 0.975 = 2.10 \text{ "}$$

$$\text{Step: } 2 \times 2.60 \times 0.60 \times 0.15 = 0.23 \text{ "}$$

$$2 \times 1.40 \times 0.30 \times 0.15 = 0.06 \text{ "}$$

---

$$= 7.55 \text{ Cum.}$$

Needed for ...

$$12 \times 0.25 \times 0.25 \times 0.975 = 0.73 \text{ cum}$$

---

$$\text{Total} = 6.81 \text{ Cum.}$$

$$\text{@ Rs } 755 \text{ /cum}$$

$$\text{Rs } 5217.50$$

of wall. 15 mm thick 1st class brick wall in cement mortar including racking out point and curing (completed as directed).

$$2 \times 10.60 \times 3.50 = 74.20 \text{ cum}$$

$$2 \times 4.50 \times 3.50 = 31.50 \text{ "}$$

$$\text{Gravel: } 2 \times \frac{1}{2} \times 4.50 \times 0.70 = 4.05 \text{ "}$$

---


$$109.75 \text{ "}$$

Deduct Door opening:

$$3 \times 2.00 \times 1.00 = 7.20 \text{ "}$$

$$\text{Window: } 9 \times 1.20 \times 1.00 = 10.80 \text{ "}$$

---


$$\text{Total} = 91.75 \text{ Cum.}$$

@ Rs. 83.00/cum . . . . . Rs. 7615.00

7/175 (b): providing dressed wood work in chowkhat with 1st class local wood with all fittings.

$$\text{Door: } 3 \times 2 \times 2.00 \times 0.075 \times 0.10 = 0.09 \text{ cum.}$$

$$3 \times 1 \times 1.20 \times 0.075 \times 0.10 = 0.027 \text{ "}$$

$$\text{Ventilation: } 9 \times 2 \times 1.00 \times 0.075 \times 0.10 = 0.135 \text{ "}$$

$$9 \times 2 \times 0.45 \times 0.075 \times 0.10 = 0.06 \text{ "}$$

---


$$\text{Total} = 0.609 \text{ "}$$

@ Rs. 7552/cum . . . . . Rs 4599.00

8/174 (b): Providing dress wood work in post plate etc. with 1st class local wood including all fittings.

$$2 \times 10.60 \times 0.075 \times 0.10 = 0.159 \text{ cum.}$$

@ Rs. 5546.00/cum . . . . . Rs. 882.00

9/176 (b): providing undress wood work in roof truss, rafters, purlins, tie and the like including hoisting and fixing etc.

$$\text{Rafter: } 5 \times 2 \times 2.87 \times 0.075 \times 0.10 = 0.215 \text{ cum}$$

$$\text{Purlin: } 2 \times 3 \times 11.50 \times 0.08 \times 0.050 = 0.276 \text{ "}$$

$$\text{Tie: } 3 \times 2 \times 4.50 \times 0.080 \times 0.10 = 0.261 \text{ "}$$

$$\text{Collar: } 3 \times 2 \times 2.25 \times 0.080 \times 0.10 = 0.108 \text{ "}$$

$$\text{Strut: } 3 \times 2 \times 0.63 \times 0.075 \times 0.10 = 0.026 \text{ "}$$

$$\text{King Post: } 3 \times 1 \times 0.70 \times 0.075 \times 0.10 = 0.020 \text{ "}$$

---


$$\text{Total} = 0.908 \text{ cum.}$$

@ Rs 4904.50/cum . . . . . Rs. 4453.00

Supplying barge board 20mm x 25mm with  
 1st class local wood with all fittings.

$$\begin{aligned} 2 \times 11.50 &= 23 \text{ RM} \\ 2 \times 2 \times 2.87 &= 11.48 \\ \hline &34.48 \text{ RM.} \end{aligned}$$

© R. 29.55 / RM	-----	R. 1018.00
18. White washing / painting 2/s	-----	R. 1500.00
19. Cost. of Shuttering - - - /s	-----	R. 1000.00
	<hr/>	
20. Add. 5% Contingency Cost.	-----	R. 62,552.00
	-----	R. 2.125.00
	<hr/>	
Total	-----	R. 65,680.00

Say R. 65,700.00

~~(Rupees Sixty thousand)~~

(Rupees Sixty five thousand seven hundred only)

*[Signature]*  
 J.E.

State Engineer  
 Bangalore District  
 Bangalore

10. Providing 0.5mm thick G.C.I. sheet roofing including fitting and fixing.

$$2 \times 2.87 \times 11.50 = 69.00 \text{ Cym.}$$

① Rs. 170.00 / sqm . . . . . Rs. 12,141.00

11. 0.5mm thick G.I. Ridging with all fittings (15cm lapping)

$$1 \times 11.50 = 11.50 \text{ RM.}$$

@ Rs. 42.60 / RM - - - - - Rs. 490.00

12/186 B(1) Providing fitting and fixing  $\frac{1}{3}$  paneled &  $\frac{2}{3}$  glazed wood shutters for door and window with all fittings.

$$3 \times 1.925 \times 1.15 = 6.64 \text{ M}^2$$

$$9 \times 1.125 \times 0.925 = 9.36 \text{ "}$$

---

$$16.00 \text{ M}^2.$$

@ Rs. 392.40 / m<sup>2</sup> - - - - - Rs. 6278.00

13/185 Providing ventilation in full glazed with 1st class local wooden frame

$$9 \times 0.45 \times 1.00 = 4.05 \text{ m}^2$$

@ Rs. 151.35 / m<sup>2</sup> - - - - - Rs. 613.00

14/3(a) Earth work in filling in plinth by hand load

$$1 \times 10.8 \times 4.20 \times 0.45 = 19.46 \text{ Cum.}$$

@ Rs. 12.50 / cum - - - - - Rs. 243.00

15/47 providing flooring with 1st class brick flat soiling

$$1 \times 10.3 \times 4.20 = 43.26 \text{ M}^2$$

@ Rs. 73.07 / m<sup>2</sup> - - - - - Rs. 3158.00

16/123(b). Plastering on both side of wall.

$$2 \times 11.75 = 23.50 \text{ M}^2$$

$$2 \times 1 \times 0.85 \times 0.45 = 0.76 \text{ "}$$

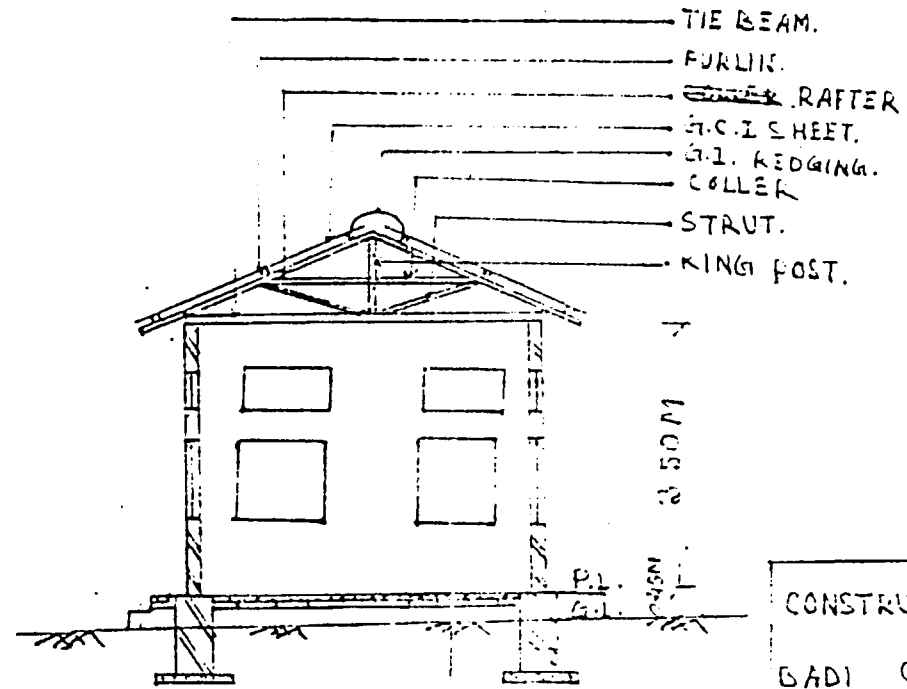
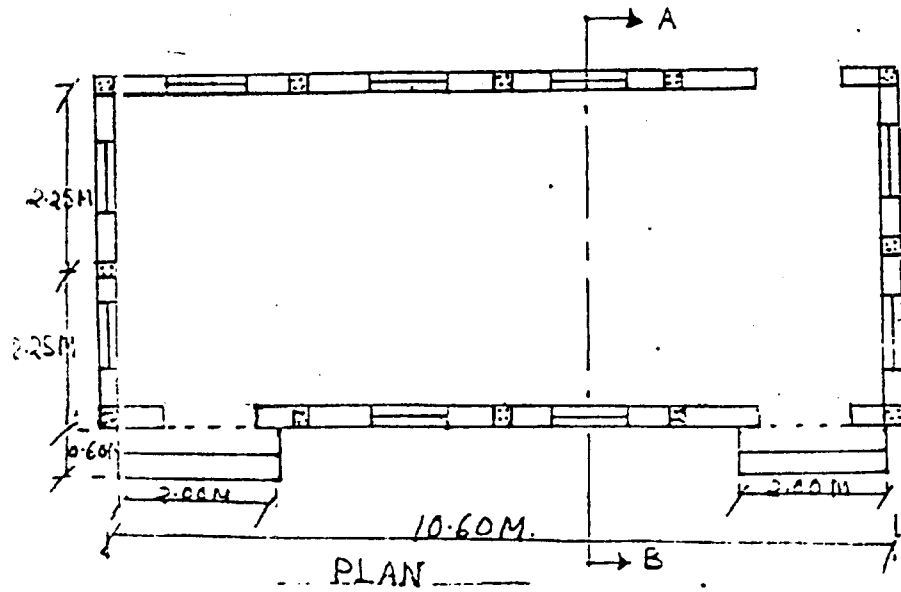
$$2 \times 1 \times 4.80 \times 0.45 = 4.32 \text{ "}$$

---

$$\text{Total} = 28.58 \text{ M}^2$$

@ Rs. 127.00 / M<sup>2</sup> . . . . . Rs. 3630.00

# CONSTRUCTION OF ANGANABADI CENTRE.



- TIE BEAM.
- FURLIS.
- ~~RAFTER~~ RAFTER
- G.I. SHEET.
- G.I. BEDDING.
- COLLER
- STRUT.
- KING POST.

CONSTRUCTION OF ANGANABADI CENTRE.

DRAWN BY: *[Signature]*

SCALE: 1:100

FLOOR AREA: 47.70 Sq.M.

ANNEXURE SIX



NO. 4/17(d) Brick work in cement mortar with 1st Class brick including racking out joints and curing complete as directed in sub-structure upto P.L.

a) In prop. 1:6

Wall = 13'50 x 0'20 x 0'90 = 2'43 M<sup>3</sup>

Deduction for post = 5x0'25x0'25x0'90 (-) = 0'28 M<sup>3</sup>

-----  
TOTAL = 2'15 M<sup>3</sup>

@ Rs. 747'00/M<sup>3</sup> -----Rs. 1,606'00

NO. 5/272(b) Supplying and fixing in position reinforcement bars conforming to relevant IS code for RCC work/RB walling including straightening cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire & placing in position with proper blocks, supports, chairs, spacers etc. complete (upto 1st floor level)

12 MM dia M.S. Rods.

For post = 5 x 4 x 5'10 = 102 Rm

(a) 0'89 Kg/Rm ----- = 90'78 Kg.

10mm dia M.S Rods

For lental . 13'50 x 4 ----- = 54 Rm.

(b) 0'62 Kg/Rm ----- = 33'48 Rm

6mm dia M.S.Rods

For post = 5 x 10 x 1'00 = 50 Rm

5 x 30 x 0'60 = 90 Rm

For lental, 13'50x6x0'40 ----- = 32'40 Rm

TOTAL = 172'40 Rm

@ 0'22 Kg/Rm ----- 37'928 Kg

TOTAL 162'188 Kg

= 1'622 Qtl.

@ Rs. 1040'00/Qtl ----- Rs. 1,686'90

NO. 6/18(d) Bricks work in cement mortar with 1st class brick including racking out joints and curing complete as directed in sub-structure upto J.P.L.

D) In prop : 1:6

Main Room = 13'50 x 3'12 x 0'125 = 5'265 M<sup>3</sup>

Deduction for Opening

Windows : 4 x 1'20 x 1'10 x 0'125 = 0'66 "

Doors : 2 x 2'00 x 1'10 x 0'125 = 0'55 "

C/Window: 6 x 1'10 x 0'45 x 0'125 = 0'37 "

-----  
( -- ) 1'58 M<sup>3</sup>

TOTAL = 3'685 M<sup>3</sup>

@ Rs. 750'00/M<sup>3</sup> -----Rs. 2,874'00

Wall battens post plate bressumers etc. including supplying & fixing with spiks, nails, bolts & nuts of 16mm dia and required length etc. complete with kiriside oiling two coats to faces in ~~KKK~~ contract with CC or masonry (MS cleat of plate/angles with bolts nuts, wherever used shall be measures and paid separately)

b) With Halleck/Bensum/Sundf-

Doors	= 2 x 2 x 2'00 x 0'08 x 0'08 =	0'0512 M <sup>3</sup>
	= 2x 2 x 1'10 x 0'08 x 0'08 =	0'026 "
Window	= 4 x 2 x 1'20 x 0'08 x 0'08 =	0'061 "
	= 4 x 2 x 1'10 x 0'08 x 0'08 =	0'056 "
C/window	= 4 x 2 x 1'20 x 0'08 x 0'08 =	0'061 "
	= 4 x 2 x 1'10 x 0'08 x 0'08 =	0'056 "
-----		
TOTAL		= 0'3132 M <sup>3</sup>

@ Rs. 5,546'00/M<sup>3</sup> ----- Rs. 1,737'00

10. 8/276, Providing fitting, hoisting & fixing of roof trusses including purlins fabricate out of MS black-tubes conforming to relevant I.S. code, as per approved design and drawings including providing MS cleats, base plates, bolts & ~~nut and one coat of red oxide Zin-Chrmate primer and two coats of approved enamel paints complete including fixing necessary cleate etc. for fixing ceiling joints as per design and drawing as directed .~~

1) 48'30mm (OD)

Purlin	= 2 x 3 x 4'90 =	29'40 Rm
Rofter	= 2 x 3 x 2'90 =	24'60 "
Tiebeam	= 1 x 3 x 4'50 =	13'50 "
Kingpost	= 1 x 3 x 1'20 =	3'60 "
-----		
		= 71'10 Rs.

a) Rs. 9'27 Kg/Rm ----- = 232'50 Kg. ----- Rs. ~~XXXXXX~~

10% Weastage	..... =	23'25 Kg
-----		
		= 256'85 Kg
		= 256 M.T.

II) 33'70mm (OD)

Strat	= 2 x 3 x 1'38 =	8'28 Rm
Collar	= 1 x 3 x 2'50 =	7'50 "
-----		
		15'78 Rm

a) 2'04 Kg/Rm	-----	32'19 Kg
Wastage 10%	-----	3'22 "
-----		
		= 35'41 Kg
		= 0'035 M.T.

III) Base Plate L/S	=	18 kg
Gasset Plate L/S	=	34 "
Bolts L/S	=	35 "
-----		

87 Kg = 0'087 M.T.

Total = (0'256+0'035+0'087) = 0'378 M.T.

Total = (0'256 + 0'035 + 0'087) = 0'378 M.T.

(Rate quoted from D.R.D.A approved rate)

\* @ Rs. 20,000'00/M.T----- Rs. 1,740.00

NO. 9/196(b) Providing fitting & fixing 1st Class Local wood. (Gamark/Bonsum/Halleck/Sundi) battened ledged and braced doors/window shutters including oxidised M.S. Butt-hinges (100x58x1'90 mm) 6 nos. with necessary wood screws.

b) 20mm thick

Doors = 2x2'00x1'10 = 4'40M<sup>2</sup>  
Window = 4x1'20x1'10 = 5'28 "  
-----  
9'68 M<sup>2</sup>

@ Rs. 262'80/M<sup>2</sup>----- Rs. 2,543'90

NO. 10/91(a) Providing corrugated galvd iron sheet roofing including fitting & fixing necessary galvd J or L hooks, bolts & nuts 8mm dia with betuman washer 25mm dia x 3mm thick and 1.6mm thick and limpet washer complete excluding cost of roof truss, purlins etc. (Roof trusses, Purlin etc. to be measured & paid for separately)

a) 0'63mm (24 Gauge)

Area = 2x2'90x4'90 = 28'42 M<sup>2</sup>

@ Rs. 126'80/M<sup>2</sup>----- Rs. 3,603'70

Labour Charge for C.I. Sheet

@ Rs. 13'20/M<sup>2</sup>----- Rs. 375'10

NO. 11/93(a) Providing Galvd. Iron ridging including Supplying and fixing necessary Galvd Screws/ Washers Etc. complete as directed

a) 0'63mm thick 150mm lapping

1 x 4'90 = 4'90 Rm

@ Rs. 42'60/Rm----- Rs. 208'70

NO. 12/16(a) Providing soiling in foundation and under floor at all levels with stone/best quality picked jnama bricks, sand packed and laid to levels and in panels after preparing the subgrade as directed including all labour & materials complete

Area = 4'50 x 4'50 = 20'25 M<sup>2</sup>

@ Rs. 39'50 M<sup>2</sup>----- Rs. 799'90

NO. 13/46(III) 25mm thick Cement concrete topping in Prep. (1 Cement:2 coarse sand:4 coarse agg of 12 mm nominal size) finished with a floating coat of neat cement finish (Base concrete is to be paid separately) to be laid in panels including curring as directed.

Area = 20'25 M<sup>2</sup>

@ Rs. 37'00/M<sup>2</sup>----- Rs. 749'30

NO. 14/3(a) Earth filling in 1pith in layers not more than 150mm thick including necessary carriage, Watering, ramming etc. complete as directed and specified

as tax and other duties & Tax as may be necessary.

A) Head load =  $1(4'50 \times 4'50) \times 0'60 = 12'15 \text{ M}^3$

@ Rs. 12.50/M<sup>3</sup> ----- Rs. 147'60

No. ~~15/125~~ 15/125(C) 15mm thick cement plaster in single coat on fair side of brick/concrete walls for interior plastering upto 1st floor level including arrises, internal rounded angel not exceeding 80mm in girth and finished even and smooth including curring complete as directed.

C) In cement mortar = 1:6

G.L.to P.L =  $13.50 \times 0.60 = 8.10 \text{ M}^2$

Main room Wall =  $2 \times 3 \times 4.50 \times 3.12 = 84.24 \text{ "}$

Step =  $2 \times 1.5 \times 3 \times 0.30 +$

$+ 2 \times 1.5 \times 3 \times 0.14 = 4.05 \text{ "}$

-----  
TOTAL =  $96.39 \text{ M}^2$

Deduction for opening :

Doors =  $2 \times 2 \times 2.00 \times 1.10 = 8.8 \text{ M}^2$

Window =  $2 \times 4 \times 1.20 \times 1.10 = 10.56 \text{ "}$

C/Window =  $2 \times 6 \times 1.10 \times 0.45 = 5.94 \text{ "}$

-----  
=  $25.30 \text{ M}^2$

Net Area =  $71.09 \text{ M}^2$

@ Rs. 19.50/M<sup>2</sup> ----- Rs. 1,386'30

NO. 16/15 Providing wattle/split bamboo ceiling 15mm cement plastered in prop. 1:10 on top and hassian cloth at bottom fitted with 38mm x 12mm 1st class Hallock/Bonsum/Sundi/timber bedding chamfared and finish with 2 coats of enamel painting to the timber beads complete (timber ceiling joists to be measured & Paid separately)

Total area =  $13'50 \text{ M}^2$

@ Rs. 54'60/M<sup>2</sup> ----- Rs. 737'10

NO. 17/205(e) White washing with Lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drops and other foreign matter.

Area =  $71'09 \text{ M}^2$  (From item No. 15)

@ Rs. 2.67/M<sup>2</sup> ----- Rs. 189'80

No. 18/31. Bamboo slit walling in timber frame with bamboo slit fitted into the grooves of the timber frame and stiffened by means of double bamboo slit 25mm wide and not less than 6mm thick spaced at intervals of not more than 400mm apart one side attached on each side & tied together by means of canes/laip/galvd, tying wire including 20mm thick cement plaster in prop.

1 Cement : 6 fine sand on both sides in two coats with curing etc. complete (Measurement for timber frame shall be measured and paid for separately)

Area  $1 \times 1/2 \times 4 \frac{1}{2} \times 50 \times 1 \frac{1}{2} \times 30 = 2.93 \text{ M}^2$

● Rs. 69'00/M ----- Rs. 202.20

**TOTAL = Rs. 21,579'30**

~~Rs. 21,579'30~~

19/Miscellaneous :-

I) Contingency 5% . . . = Rs. 1,079'00  
 II) Sign Board . . . . L/S = Rs. 500'00

-----  
 TOTAL Rs. 23,158'30

Say Rs. 23,200'00

( Rupees Twenty three thousand two hundred ) only.

*[Signature]*  
 15.6.93  
 Asstt Project Officer (Tech).  
 DRDA . . . . .

ESTIMATE FOR EXTENSION OF ONE ROOM HAVING PLINTH AREA = (4'50X4'50 M<sup>2</sup> OF PROPOSED L.P.SCHOOL BUILDING AS PER SCHEDULED OF RATES FOR BUILDINGS FOR 1990-91 OF P.W.D, XXXXXX (Building) ASSAM.

Estimated Amount Rs. 23,200'00

*Amended-17*

1/ 1(a) EARTH WORK IN EXCAVATION ~~XXX~~ for foundation tranches of walls retaining Walls, footings of column steps and stetic Tank including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling dressing watering and ramming etc, and removal of surplus earth with all lead & lift upto 2M as directed all specified in following bailing out water whre necessary upto to a depth ed below the existing G.L. mentioned in the X approved drawing & directed & specified.

a) In Ordinary Soil:-

( 3 X 4'50 ) = = 13'50 RM ~~XXXXXXXX~~  
 For Wall = 13'50X0'30X0'45 = 1.8225M<sup>3</sup>  
 For Post = 5 X 0'50 X0'50X0'70= 0'875 M<sup>3</sup>  
 -----  
 TOTAL = 2'6975 M<sup>3</sup>-

@ Rs. 16.40/M<sup>3</sup> .....Rs. 44'20

NO. 2/4(b) Plain Cement ~~construc~~ works with coarse agregate of sizes 13mm to 32mm in foundation Hed for footing, steps, walls brick works etc. as directed & specified including curing complete (Shuttering where necessary shall be measured and paid separately)

b) In prop . 1:4:8

For foundation wall= 13'50 X 0'25 X 0'10 = 0'3375 M<sup>3</sup>  
 For Post = 5 X 0'50 X 0'50 X 0'15 = 0'1875 M<sup>3</sup>  
 -----  
 = 0'525 M<sup>3</sup>  
 Deduction for post= 5 X 0'25 X 0'15 (-) = 0'1875 M<sup>3</sup>  
 -----  
 TOTAL = 0'3375 M<sup>3</sup>

@ Rs. 730'00/M<sup>3</sup> .....Rs. 246.40

No. 3/4(b) Plain Cement Construction Works.

(b) In prop . 1:4:8

For footing = 5 X 0'45 X 0'45 X 0'15 = 0'152 M<sup>3</sup>  
 = 5 X  $\frac{(0'45+0'25)}{2}$  X  $\frac{(0'45+0'25)}{2}$  X 0'15 = 0'092 M<sup>3</sup>  
 Upto Plinth = 5 X 0'25 X 0'25 X 0'10 = 0'031 M<sup>3</sup>  
 Above Plinth = 5 X 0'15 X 0'15 X 3'12 = 0'351 M<sup>3</sup>  
 For lental = 13'50 X 0'125 X 0'10 = 0'168 M<sup>3</sup>  
 -----  
 Total = 0'642 M<sup>3</sup>

@ Rs. 730.00/M<sup>3</sup> .....Rs. 468'70

ANNEXURE SEVEN

*Approved*

ESTIMATE FOR SANITARY WORK

NAME OF WORK:-

Construction of L.P.S. Building (Providing)  
(Providing hand tube well No.1 in school compound)

(Rates are quoted from scheduled rate for sanitary fitting and W / S for 1992-93 of P.W.D) Estimate Amount Rs.4,120

NO. 1/158 : Supplying fitting & fixing 40mm dia  
(Internal G.I. pipes I.T.C. or similar approved with Tez stainer (2'00 M dia) and necessary G.I. fitting including the tube well upto potable water having strata as necessary and directed in soil;

Tube well = 1x1x20 = 20 Rm.

@ Rs. 150'50/Rm ----- Rs. 3,010'00

NO. 2/158 : Supplying fitting and fixing by a hand pump No. 1 for 40mm dia tube well with all accessories complete as directed

1 No.

@ Rs. 437'80/each----- Rs. 437'80

CIVIL WORKS :

3/4 plain c.c. work with coarse agg of size 13mm to 32mm in foundation bed for footing steps, walls brick work etc, as directed and specified including curing complete (Shuttering where necessary shall be measured and paid separately)

(b) Prop : 1:4:8

Tube well floor = 1x2x2'00x0'30x0'10 = 0'12M<sup>3</sup>

@ Rs. 730'00M<sup>3</sup>-----Rs. 87'60

NO. 4/292 : Providing drain with brick work in cement mortar in prop. 1:5 with half brick thick side walls and 10 CM thick C.C (1:3:6) base are one brick that soiling including 15mm thick cement plaster in prop 1:3 finished with of floating coat of cement slary as directed with necessary earth work in excavation of foundation trenches and refilling the sides after completion of work as directed.

I) 30CM wide and average 15 CM deep with bed slope 1:1'50 with initial depth of 10 CM.

1x1x3'00 = 3'00 Rm.

@ Rs. 229'80/Rm----- Rs. 389'40

TOTAL Rs. 3,924'80

Add. Contingency.. 5%----- Rs. 196'20

TOTAL Rs. 4,121'00

Rs. 4,120'00

(Rupees four thousand one hundred and twenty only)



ANNEXURE EIGHT

ESTIMATE FOR THE SUPPLY AND LAYING OF BRICKS IN FOUNDATION WORK IN ORDINARY SOIL.  
 BRICKS TO BE SUPPLIED TO THE SITE AT THE RATE OF Rs. 16.40 PER M<sup>3</sup>.  
 (2000)

Estt. Amount Rs. 14,200.00

(5) REINFT WORK in excavation for foundation trenches in ordinary soil.

$$2 \times 2.40 \times 0.20 \times 0.30 = 0.288 \text{ m}^3$$

$$3 \times 1.50 \times 0.20 \times 0.30 = 0.270 \text{ m}^3$$

---


$$0.558 \text{ m}^3$$

@ Rs. 16.40/ m<sup>3</sup> ..... Rs. 9.15

2/4(c) C.C. work in prop 1:6:12

$$2 \times 2.40 \times 0.20 \times 0.075 = 0.072 \text{ m}^3$$

$$3 \times 1.50 \times 0.20 \times 0.075 = 0.0675 \text{ m}^3$$

Step :-  $1 \times 2.00 \times 0.60 \times 0.10 = 0.120 \text{ m}^3$

---


$$0.2595 \text{ m}^3$$

@ Rs. 610.00/ m<sup>3</sup> ..... Rs. 158.00

3/17(c): 1st class brick work in foundation in prop 1:5

$$2 \times 2.40 \times 0.50 \times 0.25 = 0.60 \text{ m}^3$$

$$5 \times 1.50 \times 0.50 \times 0.25 = 0.5625 \text{ m}^3$$

Step:-  $1 \times 2.00 \times 0.15 \times 0.20 = 0.090 \text{ m}^3$

$$1 \times 2.00 \times 0.15 \times 0.60 = 0.180 \text{ m}^3$$

$$1 \times 2.00 \times 0.15 \times 0.90 = 0.270 \text{ m}^3$$

---


$$1.702 \text{ m}^3$$

@ Rs. 755.00/ m<sup>3</sup> ..... Rs. 1285.00

4/20: 112 mm thick 1st class brick wall in prop 1:5

$$1 \times 2.40 \times 2.70 = 6.48 \text{ m}^2$$

$$1 \times 2.40 \times 2.40 = 5.76 \text{ m}^2$$

$$3 \times 2.50 \times 2.55 = 15.175 \text{ m}^2$$

---


$$27.415 \text{ m}^2$$

Deduct .... 3.20

---


$$24.215 \text{ m}^2$$

@ Rs. 83.00/ m<sup>2</sup> ..... Rs. 2006.00

5/174(b): 1st class local wood in post plate etc.

$$2 \times 3.40 \times 1.00 = 6.80 \text{ m}^3$$

@ Rs. 3072.00/ m<sup>3</sup> ..... Rs. 20700.00

6/175(c): Unressed 1st class local wood work in roof truss.

$$3 \times 2.50 \times 0.80 \times 1.00 = 0.60 \text{ m}^3$$

$$3 \times 2.50 \times 0.80 \times 1.00 = 0.60 \text{ m}^3$$

---


$$1.20 \text{ m}^3$$

@ Rs. 3052.00/ m<sup>3</sup> ..... Rs. 3662.40

1/175: 1st class local wood work dressed in accordance.

$$\begin{aligned}
& 2 \times 2 \times 0'00 \times 0'00 \times 0'00 = 0'000 \text{ m}^3 \\
& 1 \times 1 \times 0'90 \times 0'05 \times 0'01 = 0'000 \text{ m}^3 \\
& 1 \times 1 \times 0'75 \times 0'02 \times 0'05 = 0'000 \text{ m}^3 \\
\hline
& 0'000 \text{ m}^3
\end{aligned}$$

@ Rs. 5717'00 / m<sup>3</sup> ----- Rs. 354'00

6/194(c): Providing fitting and fixing brace and batted door.

$$\begin{aligned}
& 1 \times 2'00 \times 0'90 = 1'80 \text{ m}^2 \\
& 1 \times 2'00 \times 0'75 = 1'50 \text{ m}^2 \\
\hline
& 3'30 \text{ m}^2
\end{aligned}$$

@ Rs. 100'70 / m<sup>2</sup> ----- Rs. 1007 1076100 596'00

9/91: Providing 0'50 mm thick G.I. sheet roofing

$$\begin{aligned}
& \text{---} 1 \times 3'40 \times 1'50 \times 1'30 \text{ ---} 1'100 \text{ m}^2 \\
& 1 \times 3'40 \times 2'40 = 8'16 \text{ m}^2
\end{aligned}$$

@ Rs. 126'80 / m<sup>2</sup> ----- Rs. 1072'00

10/3(c) Earth filling in plinth by head load.

$$1 \times 2'40 \times 1'50 \times 0'30 = 1'08 \text{ m}^3$$

@ Rs. 12'50 / m<sup>3</sup> ..... Rs. 14'00

11/58: Providing brick plate flooring

$$1 \times 2'40 \times 1'50 = 3'60 \text{ m}^2$$

Deduct: 1 x 0'50 x 0'50 = 0'075 m<sup>2</sup>

$$\begin{aligned}
& 3'525 \text{ m}^2 \\
& @ \text{Rs. } 78'00 / \text{m}^2 \text{ ..... Rs. } 275'00
\end{aligned}$$

12/272: Supplying fitting and fixing in position of H.S. reinforcement bar including cutting bending binding etc. complete as directed.

12 mm dia H.S. rod.

$$4 \times 4 \times 3'60 = 57'60 \text{ RM}$$

@ Rs. 0'89 Kg. / RM ----- 51 Kg.  
= 0'51 Qtl.

6 mm dia stirrup.

$$4 \times 24 \times 0'60 = 57'60 \text{ RM}$$

@ 0'22 Kg. / RM ..... 12'67 Kg.

= 0'11 Qtl.

Total = 0'62 Qtl.

@ Rs. 1040'00 / Qtl. .... Rs. 655'00

13/5(a) (i) Providing R.C.C. work in prop 1:2:4 (including shuttering)

$$4 \times 0'25 \times 0'25 \times 0'05 = 0'031 \text{ m}^3$$

$$4 \times 0'15 \times 0'13 \times 0'60 = 0'047 \text{ m}^3$$

$$0'078 \text{ m}^3$$

@ Rs. 1070'00 / m<sup>3</sup> ..... Rs. 84'00

14/124 15 mm thick cement plastering Prop 1:4

1x2'40x2'70 = 6'68 m<sup>2</sup>

1x2'40x2'40 = 5'76 "

3x7'50x2'55 = 57'37

69'61 m<sup>2</sup>

Rs. 20'00 ..... Rs. 1392'00

15/ Civil works for septic tank of 10 bsr after 40%  
during drawing

L/S ..... Rs. 4000'00  
*Septic Tank*

16/ Civil works for tank as per during L/S ..... Rs. 500'00

17/ Sanitary Latrine L/S ..... Rs. 1000'00

*ittings*

-----  
Rs. 13,525'00

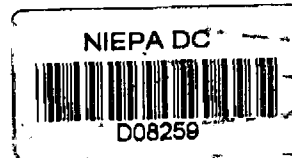
Add. Contingency 5% ..... Rs. 676'00

-----  
Total ..... Rs. 14,201'00

Say Rs. 14,200

( Rupees Forteen Thousand Two hundred) only.

*15-6-93*  
Asstt Project Officers (Tech)  
EKDA: ...



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